



**Diamond tools
and machines**
for the construction industry

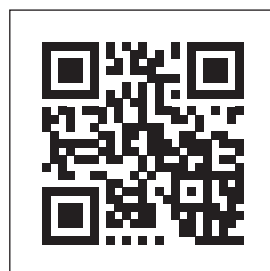
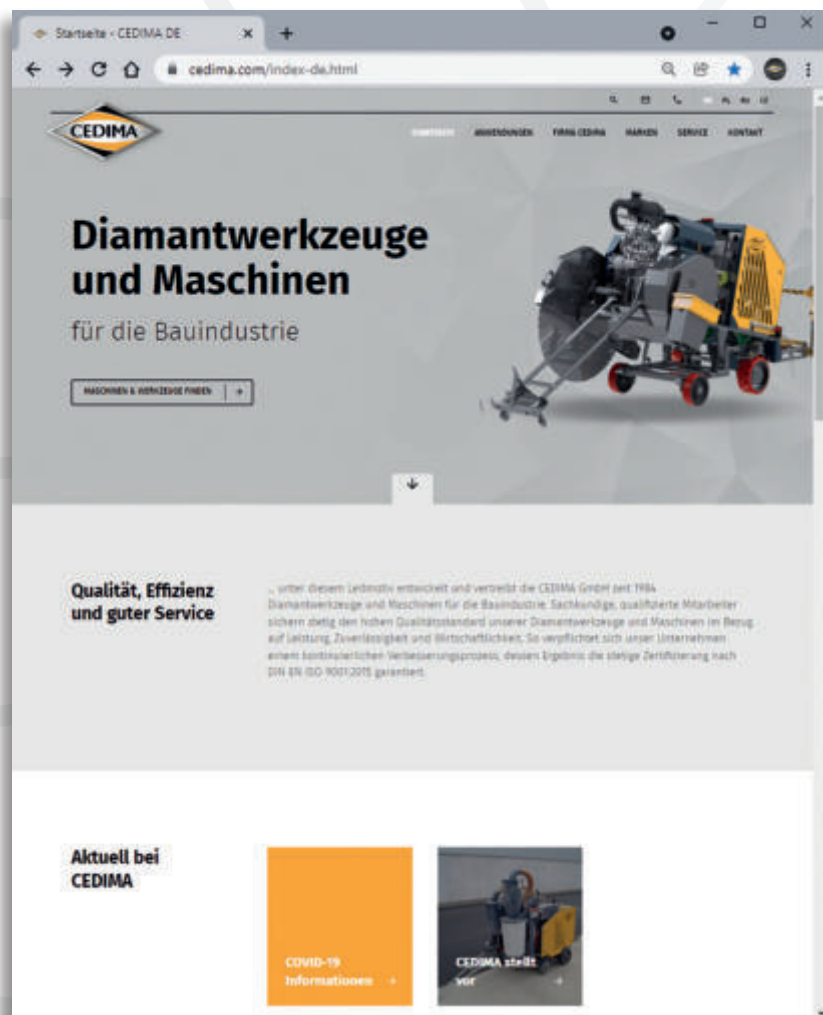
ASSORTMENT

Valid from July 2022



CEDIMA

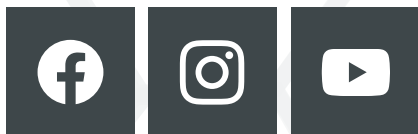
DIAMOND TOOLS AND MACHINES



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ASSORTMENT 2022

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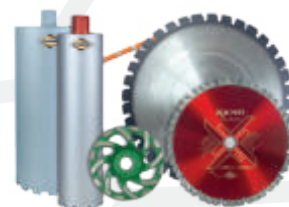
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CEDIMA table saws

- Table Saws for CONCRETE - BRICKS - CLINKER - NATURAL STONE
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CEDIMA joint cutter

- Joint cutter SMALL SERIES - cutting depth up to 200 mm
- Joint cutter MEDIUM SERIES - cutting depth up to 500 mm
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CEDIMA core drilling technology

- Drill trailer, max. drill-Ø 400 - 600 mm
- Drill motors electrical, max. drill-Ø 160 - 500 mm
- Pipe drilling machines, max. drill-Ø 350 mm
- Drill columns, max. drill-Ø 400 - 800 mm
- Double column drill machine, max. drill-Ø 1250 mm
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How to order?

by telephone: + 49 (0) 51 41 / 88 54 - 100 **by email:** vertrieb@cedima.com

by telefax: + 49 (0) 51 41 / 88 54 - 111

Our office hours are Monday to Thursday 7:30 a.m. to 4:30 p.m. and Friday 7:30 a.m. to 3:00 p.m.

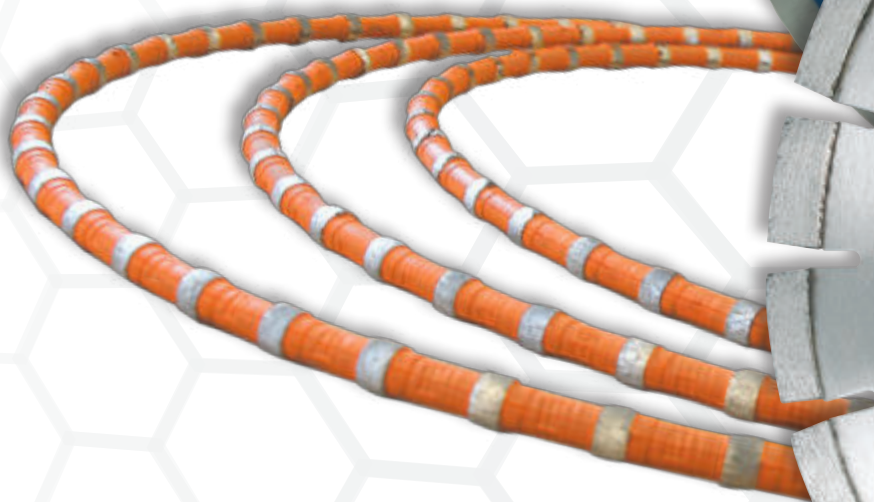
All orders are subject to the general terms and conditions (AGB) of the Company
Cedima Diamantwerkzeug- und Maschinenbaugesellschaft mbH in 29227 Celle/ Germany.
You can find the current version of these on our website at
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XXPERT



DIAMOND TOOLS

DIAMOND TOOLS

INFORMATIONS

Pictograms

We have indicated the intended use - which tool for which machine - in our tables with small pictograms.:



angle grinders



petrol-driven saws



table saws



block saws



joint cutters



dry cutting



wet cutting

It is principally possible to use dry cutting tools in wet cutting mode; this will increase the life of your CEDIMA diamond tool.
But please always observe the safety instructions of your machine manufacturer.



Color guidance system

The color indicates the particular application area of the tool.



concrete, general building materials, for the universal operation



abrasive materials



hard and very hard, non-abrasive materials



tiles, glazed tiles

Please also note our detailed application tables

diamond cutting discs and saw blades page 8

diamond drill bits page 24

Safety and operation instructions for diamond tools



- Check the diamond tool before every use for damage.
- Never use diamond tools that are deformed, damaged or cracked, that show abnormalities or that might be damaged by any act of violence.
- Do not use diamond tools that are unbalanced (strong machine vibrations).
- The rpm of the machine must not exceed the maximum permitted rpm of the diamond saw blade.
- Bore hole and diameter of the diamond saw blades and grinding tools must fit the machine.
- Always wear your personal safety equipment while working with diamond tools.
- Observe the machine manufacturer's safety instructions.
- Do not bend diamond saw blades and never cut curves.
- Diamond saw blades are not suitable for lateral grinding.
- In case of disregarding these instructions the user or other surrounding persons are likely to be seriously injured.
- Mount the diamond saw blades in the correct rotational direction indicated by the directional arrow.
- Never drop diamond tools hard on to the ground.
- Only guide the machine, do not push it into the material. The machine's weight is sufficient.
- Larger cutting depths should be cut in multiple passes.
- Diamond tools are self-sharpening. If they have become blunt due to unfavourable working conditions make some cuts in abrasive materials (e.g. lime sand-stone). This procedure is not valid for electroplated tools.

DIAMOND TOOLS

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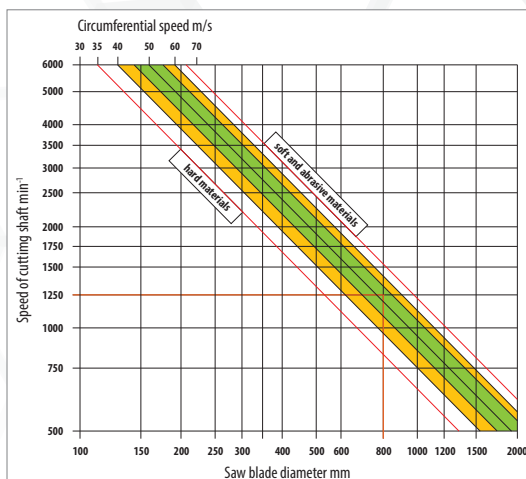
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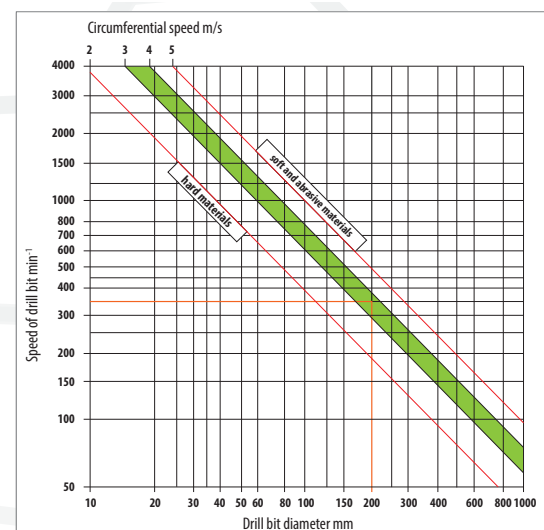
Diamond wires

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Determine the optimal cutting shaft speed of your machine depending on the saw blade diameter and the hardness of the material to be cut.







Determine the optimum speed of your drill motor as a function of the drill diameter and the hardness of the material to be cut.

DIAMOND TOOLS

Material	Diamond tool										Use in wet and dry cutting possible.														Use only in wet cutting possible.													
	BETON AR SOLID	BETON AR MAXX	BETON TURBO MAXX	FLIESE MAXX	FLIESE TURBO MAXX	KERAMIK MAXX	ASPHALT SOLID	ASPHALT MAXX	TFS MAXX	GRANIT NATURSTEIN MAXX	GRANIT NATURSTEIN SILENT MAXX	TS MAXX	TS BETON MAXX	TS GRANIT MAXX	TS SILENT MAXX	BCE-Series	FBC HB 10	FBC HB 15	FBC MAXX J	FBC MAXX K2	FBC MAXX K3	FSA-Series	FRS BETON MAXX	FRS ASPHALT MAXX	WS Solid-Series / WS MAXX													
Tiles, glazed tiles, slabs of natural stone				◆	◆	◆																																
Vitreous refractory material				◆	◆	◆																																
Hard clinkers, paving stones			◆		◆					◆	◆			◆																								
Glazed stone ware tubes			◆		◆					◆	◆																											
Heavy ceramics			◆		◆					◆	◆																											
Natural stone (granite, gneiss etc.)	◆	◆	◆		◆	◆				◆	◆			◆									◆		◆													
Artificial stone, polymer concrete	◆	◆	◆		◆					◆	◆			◆									◆		◆													
Reinforced concrete	◆	◆	◆		◆					◆	◆					◆							◆		◆													
Cured concrete	◆	◆	◆							◆	◆		◆			◆							◆		◆													
Washed-out concrete	◆	◆	◆							◆	◆		◆			◆							◆		◆													
Curb stones	◆	◆	◆							◆	◆		◆	◆		◆							◆		◆													
Paving concrete	◆	◆	◆							◆	◆		◆	◆		◆							◆		◆													
Concrete full brick	◆	◆	◆							◆	◆		◆			◆							◆		◆													
High density lime sand-stone	◆	◆	◆							◆	◆												◆															
Lime stone (marble, terrazzo etc.)	◆	◆	◆							◆	◆												◆															
Roof tiles	◆	◆	◆							◆	◆												◆															
Slate			◆		◆	◆				◆	◆		◆			◆																						
Fibre-glas plastics			◆							◆	◆					◆									◆													
Plaster board			◆		◆					◆	◆																											
Clay bricks			◆					◆		◆	◆	◆			◆									◆														
Aerated concrete							◆	◆				◆			◆									◆														
Refractory material, porous							◆	◆																◆														
Lime sand-stone, gross density < 2			◆				◆	◆		◆	◆	◆			◆		◆	◆		◆	◆		◆		◆													
Poroton			◆				◆	◆		◆	◆	◆			◆		◆	◆		◆	◆			◆														
Masonry	◆	◆	◆				◆	◆		◆	◆	◆	◆		◆										◆													
Sand-stone							◆	◆									◆	◆		◆	◆	◆	◆	◆														
Screed							◆	◆	◆								◆	◆	◆	◆	◆	◆		◆														
Mortar							◆	◆									◆	◆	◆	◆	◆	◆		◆														
Grey cast iron	◆	◆	◆								◆												◆															
Asphalt							◆	◆	◆								◆	◆	◆	◆	◆	◆		◆														
Green concrete							◆	◆	◆								◆	◆	◆	◆	◆	◆		◆														
Profile sheets				◆																																		





◆ sehr gut geeignet ◆ gut geeignet ◆ bedingt geeignet

DIAMOND CUTTING DISCS

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50006141	115	22,23	2,2 x 10 x 29	9	x			
50006142	125	22,23	2,2 x 10 x 31	10	x			
50006143	150	22,23	2,4 x 10 x 32	12	x			
50006144	180	22,23	2,4 x 10 x 33	14	x			
50006145	230	22,23	2,4 x 10 x 38	16	x			
50006146	300	20	2,8 x 10 x 40	20		x		
50006147	300	25,4 / 20	2,8 x 10 x 40	20		x	x	x
50006148	350	20	3,2 x 10 x 40	24		x		
50006149	350	25,4 / 20	3,2 x 10 x 40	24		x	x	x
50006150	400	20	3,2 x 10 x 38	27		x		
50006151	400	25,4 / 20	3,2 x 10 x 38	27		x	x	x
50006152	450	25,4	3,6 x 10 x 38	31			x	x
50006153	500	25,4	3,6 x 10 x 38	34			x	x
50006154	600	25,4	4,2 x 10 x 38	42				x
50006170	700	25,4	4,2 x 10 x 38	48				x
50006171	800	25,4	4,5 x 10 x 38	54				x





Use for reinforced concrete, washed-out concrete, concrete slabs, dimensional stone as well as general building materials.

Universal cutting disc with high cutting speed.

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50006842	230	22,23	2,4 x 12 x 38	16	x			
50006843	300	20	2,8 x 12 x 40	20		x		
50006844	300	25,4	2,8 x 12 x 40	20		x	x	x
50006845	350	20	3,2 x 12 x 40	24		x		
50006846	350	25,4	3,2 x 12 x 40	24		x	x	x
50006847	400	20	3,2 x 12 x 40	27		x		
50006848	400	25,4	3,2 x 12 x 40	27		x	x	x
50006849	450	25,4	3,6 x 12 x 40	31			x	x
50006850	500	25,4	3,6 x 12 x 40	34			x	x
50006851	600	25,4	4,2 x 12 x 40	42				x

Use for reinforced concrete, washed-out concrete, concrete slabs, dimensional stone as well as general building materials.

Premium cutting disc with professional cutting performance.

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50006656	125	22,23	2,4 x 12 x 31	10	x			
50006657	150	22,23	2,4 x 12 x 32	12	x			
50006658	180	22,23	2,4 x 12 x 33	14	x			
50006666	230	22,23	2,4 x 12 x 38	16	x			
50006668	300	20	2,8 x 12 x 40	20		x		
50006669	300	25,4	2,8 x 12 x 40	20		x		
50006670	350	20	3,2 x 12 x 40	24		x		
50006671	350	25,4	3,2 x 12 x 40	24		x	x	x
50006672	400	20	3,2 x 12 x 40	27		x		
50006673	400	25,4	3,2 x 12 x 40	27		x	x	x
50006674	450	25,4	3,6 x 12 x 40	31			x	x
50006675	500	25,4	3,6 x 12 x 40	34			x	x
50006676	600	25,4	4,2 x 12 x 40	42				x

Use for reinforced concrete, washed-out concrete, concrete slabs, granit, artificial stone slabs.

Premium cutting disc with very high cutting speed!

BETON AR SOLID



New segment recipe, therefore still better cutting behaviour and longer service life.

BETON AR MAXX

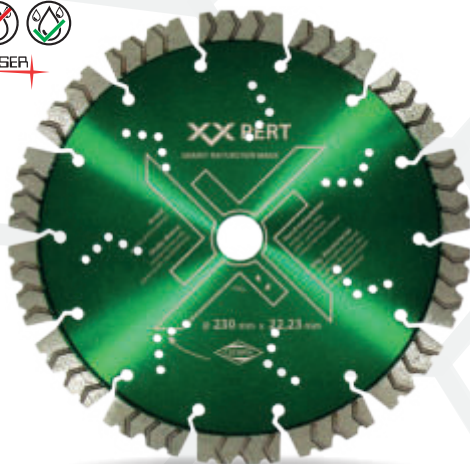






BETON TURBO MAXX



DIAMOND CUTTING DISCS

GRANIT NATURSTEIN MAXX







Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50007089	115	22,23	2,3 x 12 x 32	8	x			
50007090	125	22,23	2,3 x 12 x 32	9	x			
50007091	150	22,23	2,6 x 12 x 40	9	x			
50007092	180	22,23	2,6 x 12 x 42	11	x			
50007093	230	22,23	2,6 x 15 x 42	14	x			
50007094	300	20	3,0 x 15 x 46	18		x		
50007095	300	25,4	3,0 x 15 x 46	18		x	x	x
50007096	350	20	3,2 x 15 x 47	20		x		
50007097	350	25,4	3,2 x 15 x 47	20		x	x	x
50007098	400	20	3,5 x 15 x 46	24		x		
50007099	400	25,4	3,5 x 15 x 46	24			x	x
50007100	450	25,4	4,0 x 15 x 46	27			x	x

Use for granite, hard natural stone, concrete, washed-out concrete and basalt.
With turbo segments.

GRANIT NATURSTEIN SILENT



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50007101	230	22,23	2,6 x 12 x 38	16	x			
50007103	300	20	3,0 x 12 x 40	20		x		
50007104	300	25,4	3,0 x 12 x 40	20		x	x	
50007105	350	20	3,2 x 12 x 40	24		x		
50007106	350	25,4	3,2 x 12 x 40	24		x	x	x
50007107	400	20	3,5 x 12 x 38	28		x		
50007108	400	25,4	3,5 x 12 x 38	28		x	x	x
50007109	450	25,4	4,0 x 12 x 38	32			x	x
50007110	500	25,4	4,0 x 12 x 38	36			x	x
50007111	600	25,4	4,0 x 10 x 40	42			x	x





Use for granite (until hardness 5), basalt, concrete, reinforced concrete, clinkers, hard clinkers, artificial stone.

Due to the sandwich core very quiet running in idle mode and while cutting. Excellent cutting behavior and low vibrations.



The sandwich core consists of three layers, two outer layers made of steel and two internal fully bonded metal foils. As a result the vibrations can effectively be minimized.





DIAMOND CUTTING DISCS

Order no.	Ø -mm-	Bore hole -mm-	Cutting rim W x H -mm-				
50006856	115	22,23	1,5 x 7	x			
50006857	125	22,23	1,5 x 7	x			
50006858	150	22,23	1,6 x 7	x			
50006859	150	25,4	1,6 x 7				
50006860	180	22,23	1,6 x 7	x			
50006861	180	25,4	1,6 x 7				
50006862	200	22,23	1,6 x 7	x			
50006863	200	25,4	1,6 x 7			x	
50006864	230	22,23	1,7 x 7	x			
50006865	230	25,4	1,7 x 7			x	
50006866	250	25,4	1,8 x 7			x	
50006867	300	25,4	2,0 x 7			x	
50006868	350	25,4	2,2 x 7			x	

Use in tiles, glazed tiles, ceramics, porcelain stoneware, vitreous refractory material.
Premium saw blade with very good cutting speed and excellent cutting edge quality through closed cutting rim.

FLIESE MAXX







Order no.	Ø -mm-	Bore hole -mm-	Cutting rim W x H -mm-				
50007053	115	22,23	1,2 x 10	x			
50007054	125	22,23	1,2 x 10	x			
50007055	150	22,23	1,4 x 10	x			
50007056	150	25,4	1,4 x 10				
50007057	180	25,4 / 22,23	1,8 x 10	x			
50007058	200	25,4 / 22,23	1,8 x 10	x			
50007059	230	22,23	1,8 x 10	x			
50007060	230	25,4	1,8 x 10			x	
50007061	250	25,4	1,8 x 10			x	
50007062	300	20	2,0 x 10				
50007063	300	25,4	2,0 x 10			x	
50007064	350	20	2,2 x 10				
50007065	350	25,4	2,2 x 10			x	

Use in tiles, glazed tiles, vitreous refractory material, hard clinkers, paving stones, glazed stoneware tubes, heavy ceramics, natural stone, artificial stone, polymer concrete, reinforced concrete, slate, plaster board and profiled sheets.

FLIESE TURBO MAXX



Order no.	Ø -mm-	Bore hole -mm-	Cutting rim W x H -mm-				
50006525	250	25,4 / 20	1,65 x 9			x	
50006526	300	25,4 / 20	2,0 x 10			x	
50006527	350	25,4 / 20	2,2 x 10			x	

Use in tiles, glazed tiles, vitreous refractory material, natural stone, slate.

KERAMIK MAXX







DIAMOND CUTTING DISCS

ASPHALT SOLID



LASER



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50007066	125	22,23	2,2 x 10 x 31	10	x			
50007067	230	22,23	2,5 x 10 x 40	15	x			
50007069	300	20	3,2 x 10 x 40	21		x		
50007070	300	25,4	3,2 x 10 x 40	21			x	x
50007071	350	20	3,2 x 10 x 40	24		x		
50007072	350	25,4	3,2 x 10 x 40	24			x	x
50007275	350	25,4	4,4 x 10 x 40	24				x
50007073	400	20	3,2 x 10 x 40	24		x		
50007074	400	25,4	3,2 x 10 x 40	24			x	x
50007075	450	25,4	3,6 x 10 x 40	30			x	x
50007076	500	25,4	4,2 x 10 x 40	33			x	x
50007077	600	25,4	4,2 x 10 x 40	40				x





Use for asphalt, lime sand-stone and other abrasive materials.
With diamond protective segments.

ASPHALT MAXX



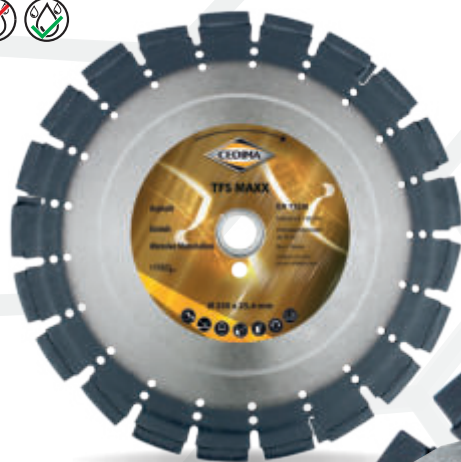
LASER







Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50007078	125	22,23	2,0 x 10 x 32	10	x			
50007079	230	22,23	2,4 x 10 x 40	16	x			
50007080	300	25,4 / 20	3,0 x 10 x 40	18		x	x	x
50007081	350	20	3,2 x 10 x 40	21		x		
50007082	350	25,4 / 20	3,2 x 10 x 40	21		x	x	x
50007083	400	20	3,6 x 10 x 40	24		x		
50007084	400	25,4 / 20	3,6 x 10 x 40	24		x	x	x
50007085	450	25,4	3,6 x 10 x 40	27			x	x
50007086	500	25,4	3,6 x 10 x 40	30			x	x
50007087	600	25,4	4,2 x 10 x 40	36				x
50007507	700	25,4	4,2 x 10 x 40	42				x
50007508	800	25,4	4,2 x 10 x 40	48				x

Use for abrasive materials like asphalt, screed, lime sand stone (gross density < 2), Poroton, porous refractory material, aerated concrete, sand stone, clay bricks.

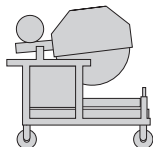
TFS MAXX



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments				
50004957	350	35 / 25,4	4,4 x 10 x 40	21				x
50004958	350	35 / 25,4	8,0 x 10 x 40	21				x
50004959	350	35 / 25,5	10 x 10 x 40	21				x

Use for screed, asphalt and green concrete.
With bevelled and hammer protective diamond segments.

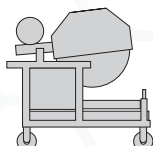
DIAMOND CUTTING DISCS



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50006852	650	35 / 25,4	3,8 x 10 x 40	38
50006853	700	60	3,8 x 10 x 40	42
50006854	900	60	4,5 x 10 x 40	54
50006855	1000	60	4,5 x 10 x 40	60

Use for lime sand-stone, highly compressed lime sand-stone, Poroton and other very abrasive materials.

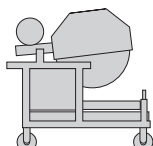
TS MAXX Tischsäge



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007533	650	35 / 25,4	4,4 x 10 x 40	36
50007534	900	60	4,4 x 10 x 40	52
50007535	1000	60	4,4 x 10 x 40	54

Use for concrete, lime sand-stone, gross density < 2 and shaped paving stone.

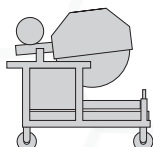
TS BETON MAXX Tischsäge



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007536	650	35 / 25,4	4,4 x 12 x 20	60
50007537	900	60	4,4 x 12 x 20	80
50007538	1000	60	4,4 x 12 x 20	88

Use for granite slabs and blocks and hard natural stone.

TS GRANIT MAXX Tischsäge



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50005065	650	35 / 25,4	4,5 x 10 x 40	38
50005066	900	60	4,5 x 10 x 40	54
50005067	1000	60	4,5 x 10 x 40	60

Use for lime sand-stone, Poroton, gas-aerated concrete and other very abrasive materials.

TS SILENT MAXX Poro Tischsäge



DIAMOND CUTTING DISCS EQUIPMENT

REDUZIERRINGE



Order no.	Outer-Ø -mm-	Inner-Ø -mm-	Width -mm-
10001102	25,4	20	2
10001103	25,4	20	2,5
10001104	22,23	20	1,6
10001105	25,4	22,23	1,6
10001106	35	25,4	2,8

Order no.	Outer-Ø -mm-	Inner-Ø -mm-	Width -mm-
10001107	25,4	20	9
10001109	30	25,4	2,8
10001110	35	25,4	3,5
10001115	60	35	3,5
10001116	60	25,4	3,5

DIAMOND TOOLS

FOR SPECIAL APPLICATIONS

CRF SOLID



Milling cutter
for widening unintentional cracks in concrete with **hand held machines**.

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007517	110	22,23	9,5x30x12	8

DIAMANTTRENNRING TYP GELB



Antriebsrad für K-3600

Application on ring saws in concrete and reinforced concrete with medium-hard aggregates and high shares of reinforcement.

Order no.	Ø -mm-	Segment W x H x L -mm-	No. of segments
30000450	350	4,0x9x32	22
70009072	DRIVE WHEEL FOR K-3600		



CNF ASPHALT



Slot cutter
for creating grooves in asphalt surfaces.

Order no.	Ø -mm-	Bore hole -mm-	No. of segments
10003552	150	25,4	24



CMR SOLID



Mortar reamer
for removing mortar out of wall joints, high feed speed, with hand-held machines.

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007515	115	22,23	6,4x16x10	12
50007516	125	22,23	6,4x16x10	14

DIAMOND GRINDING DISCS



CST SOLID

For grinding and smoothing of concrete, clinkers, natural stone and other hard surfaces. Grinding disc with large suction openings and long life.



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007543	100	22,23	5,0 x 6,5 x 20/13	8
50007545	115	22,23	5,0 x 6,5 x 20/13	8
50007546	125	22,23	7,0 x 6,5 x 30/15	8
50007547	180	22,23	7,5 x 5,5 x 35/18	12



CST TURBO

For grinding and smoothing of concrete, clinkers, natural stone and other hard surfaces. Grinding disc with 2 layers of segments and very long life. Turbo segments!



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007548	100	22,23	--	46
50007549	115	22,23	--	52
50007550	125	22,23	--	56
50007551	180	22,23	--	80



CST MERKUR

For grinding and smoothing of concrete, clinkers, natural stone and other hard surfaces. Machine mounting type H with 19 mm centre bore and 5 secondary holes.



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
10003575	150	19	7,5 x 6,5 x 35/15	10



CST POLYMER

For grinding of polymer coatings and other hard surfaces.



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
10003570	125	22,23	7,0 x 5,0 x 20	10



CST SOLID ABRASIV

For grinding and smoothing of screed and other abrasive surfaces. Grinding disc in double row version.



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007552	100	22,23	5,0 x 7,0 x 30	12
50007553	115	22,23	5,5 x 7,0 x 30	18
50007554	125	22,23	5,0 x 7,0 x 30	20
50007555	180	22,23	5,5 x 7 x 35	22



CST MERKUR ABRASIV

For grinding and smoothing of screed and other abrasive surfaces. Machine mounting type H with 19 mm centre bore and 5 secondary holes.



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
10003574	150	19	5-Loch	10

DIAMOND SAW BLADES

PROFESSIONAL USE - JOINT CUTTERS - CURED CONCRETE

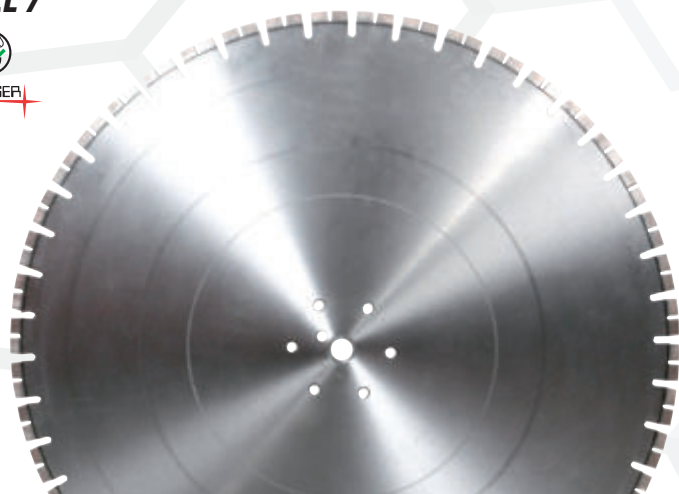
For the application of joint cutters in cured concrete Cedima presents saw blades of the AR SOLID and AR MAXX series and saw blades of the the BCE series with special features for professional use.

Special features of these saw blades are:

- innovative sandwich segments with height of segment 12 mm
- very high cutting speed and very long life
- lasered, by request soldered

Hardness grade concrete	BCE Reihe					BETON AR SOLID	BETON AR MAXX	BETON TURBO MAXX	ASPHALT SOLID
	7	10	15	25	45				
Soft concrete	> 7 kW	> 7 kW	> 15 kW	≥ 25 kW	≥ 45 kW	> 7 kW	> 7 kW	> 4,5 kW	> 7 kW
Medium concrete	> 11 kW	> 11 kW	> 20 kW	> 30 kW	≥ 60 kW	> 11 kW	> 11 kW	> 7 kW	> 11 kW
Hard concrete	> 20 kW	> 20 kW	> 30 kW	> 60 kW		> 15 kW	> 15 kW	> 11 kW	> 15 kW

BCE 7



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008241	500	35 / 25,4	4,4 x 12 x 20	56
50008242	600	35 / 25,4	4,4 x 12 x 20	68
50008243	700	35 / 25,4	4,4 x 12 x 20	80
50008244	800	35 / 25,4	4,4 x 12 x 20	92
50008245	900	35 / 25,4	4,4 x 12 x 20	104
50008246	1000	35 / 25,4	4,4 x 12 x 20	108
50008247	1200	35 / 25,4	4,4 x 12 x 20	128

- suitable for joint cutters from 7.5 kW engine power
- with 6 additional mounting holes

BCE 10



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008248	450	35 / 25,4	4,4 x 10 x 40	26
50008249	600	35 / 25,4	4,4 x 10 x 40	34
50008250	650	35 / 25,4	4,4 x 10 x 40	36
50008251	700	35 / 25,4	3,6 x 10 x 40	40
50008252	700	35 / 25,4	4,4 x 10 x 40	40
50008253	800	35 / 25,4	4,4 x 10 x 40	46
50008254	900	35 / 25,4	4,4 x 10 x 40	52
50008255	1000	35 / 25,4	4,4 x 10 x 40	54

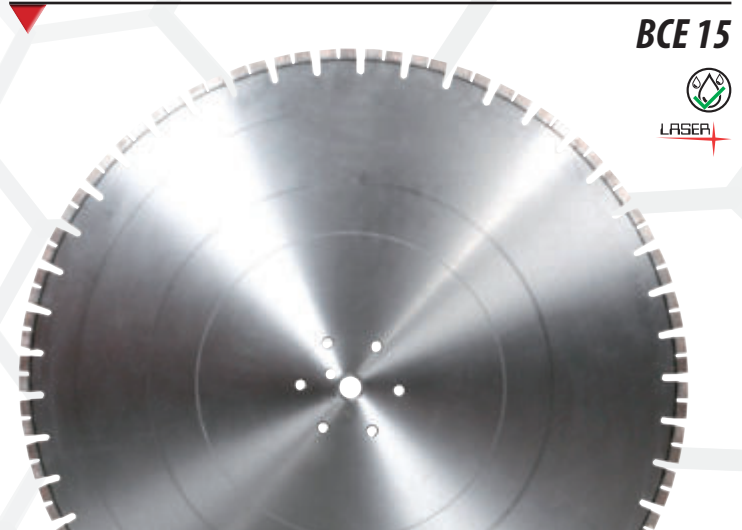
- suitable for joint cutters from 10 up to 22 kW engine power

DIAMOND SAW BLADES

PROFESSIONAL USE - JOINT CUTTERS - CURED CONCRETE

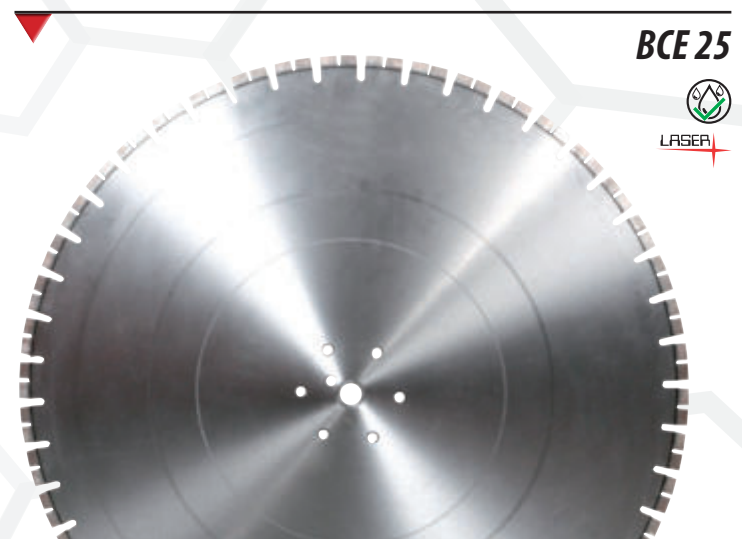
Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008256	500	35 / 25,4	4,4 x 12 x 20	56
50008263	600	35 / 25,4	4,4 x 12 x 20	68
50008264	700	35 / 25,4	4,4 x 12 x 20	80
50008265	800	35 / 25,4	4,4 x 12 x 20	92
50008266	900	35 / 25,4	4,4 x 12 x 20	104
50008267	1000	35 / 25,4	4,4 x 12 x 20	108
50008268	1200	35 / 25,4	4,4 x 12 x 20	128

- suitable for joint cutters from 15 kW engine power
- with 6 additional mounting holes



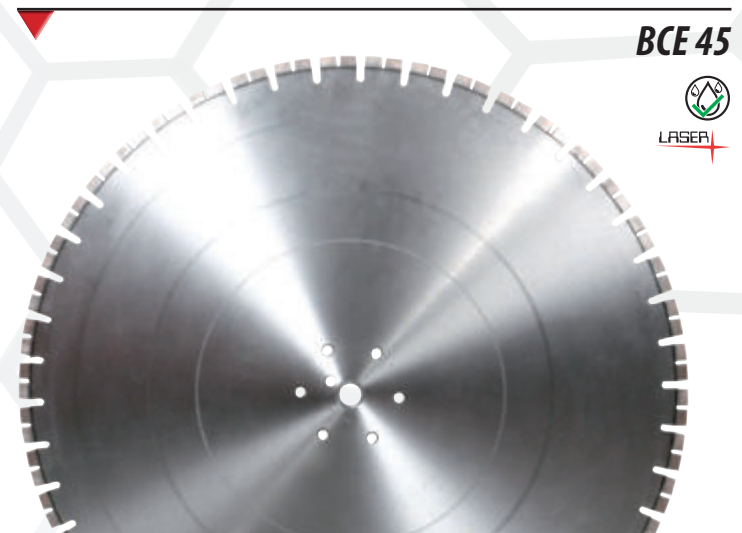
Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008269	450	35 / 25,4	4,4 x 12 x 20	52
50008270	500	35 / 25,4	4,4 x 12 x 20	56
50008271	500	35 / 25,4	5,0 x 12 x 20	56
50008272	600	35 / 25,4	4,4 x 12 x 20	68
50008273	700	35 / 25,4	4,4 x 12 x 20	80
50008274	800	35 / 25,4	4,4 x 12 x 20	92
50008275	900	35 / 25,4	4,4 x 12 x 20	104
50008276	1000	35 / 25,4	4,4 x 12 x 20	108
50008277	1200	35 / 25,4	4,4 x 12 x 20	128

- suitable for joint cutters from 25 kW engine power
- with 6 additional mounting holes



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008278	450	35 / 25,4	4,4 x 12 x 20	52
50008280	600	35 / 25,4	4,4 x 12 x 20	68
50008281	650	35 / 25,4	4,4 x 12 x 20	72
50008282	700	35 / 25,4	4,4 x 12 x 20	80
50008283	800	35 / 25,4	4,4 x 12 x 20	92
50008284	900	35 / 25,4	4,4 x 12 x 20	104
50008285	1000	35 / 25,4	4,4 x 12 x 20	108
50008286	1200	35 / 25,4	4,4 x 12 x 20	128

- suitable for joint cutters from 45 kW engine power
- with 6 additional mounting holes



DIAMOND SAW BLADES

PROFESSIONAL USE - JOINT CUTTERS - GREEN CONCRETE

FBC HB 10



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007141	300	35 / 25,4	2,4 x 10 x 40	20
50007142	350	35 / 25,4	2,8 x 10 x 40	24
50007217	350	25,4	2,8 x 10 x 40	24
50007576	350	35 / 25,4	3,2 x 10 x 40	24
50007143	350	35 / 25,4	3,8 x 10 x 40	24
50007168	400	35 / 25,4	3,2 x 10 x 40	27
50007145	400	35 / 25,4	3,8 x 10 x 40	27
50007575	450	35 / 25,4	3,6 x 10 x 40	30
50007147	500	35 / 25,4	3,6 x 10 x 40	33

- application for slot cuts in green concrete and hall floors, also with steel fibres
- suitable for joint cutters from 10 up to 20 kW engine power
- with hammer diamond protective segments
- with 6 additional mounting holes

FBC HB 15



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007148	300	35 / 25,4	2,4 x 10 x 40	20
50007150	350	35 / 25,4	2,8 x 10 x 40	24
50007151	350	35 / 25,4	3,2 x 10 x 40	24
50007152	350	35 / 25,4	3,8 x 10 x 40	24
50007568	400	35 / 25,4	3,2 x 10 x 40	27
50007153	400	35 / 25,4	3,8 x 10 x 40	27
50007569	450	35 / 25,4	3,6 x 10 x 40	31
50008389	500	35 / 25,4	3,6 x 10 x 40	34
50007155	600	35 / 25,4	3,6 x 10 x 40	42
50007157	600	35 / 25,4	4,4 x 10 x 40	42

- application for slot cuts in green concrete and hall floors, also with steel fibres
- for curb cuts and for expanding the joint chambers
- suitable for joint cutters from 15 kW engine power
- with hammer diamond protective segments
- with 6 additional mounting holes

FBC MAXX J



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007112	300	35 / 25,4	2,8 x 12 x 40	21
50007113	300	35 / 25,4	3,2 x 12 x 40	21
50007114	300	35 / 25,4	4,0 x 12 x 40	21
50007115	350	35 / 25,4	2,8 x 12 x 40	24
50007116	350	35 / 25,4	3,2 x 12 x 40	24
50007117	350	35 / 25,4	4,0 x 12 x 40	24
50007118	400	35 / 25,4	3,2 x 12 x 47	24
50007119	400	35 / 25,4	4,0 x 12 x 47	24
50007120	450	35 / 25,4	3,6 x 12 x 47	27
50007121	500	35 / 25,4	3,6 x 12 x 47	30

- green concrete with abrasive aggregates
- for slot cuts of green concrete joints
- high wear resistance by combi-segments
- suitable for joint cutters of 20 kW
- with 6 additional mounting holes

DIAMOND SAW BLADES

PROFESSIONAL USE - JOINT CUTTERS - GREEN CONCRETE

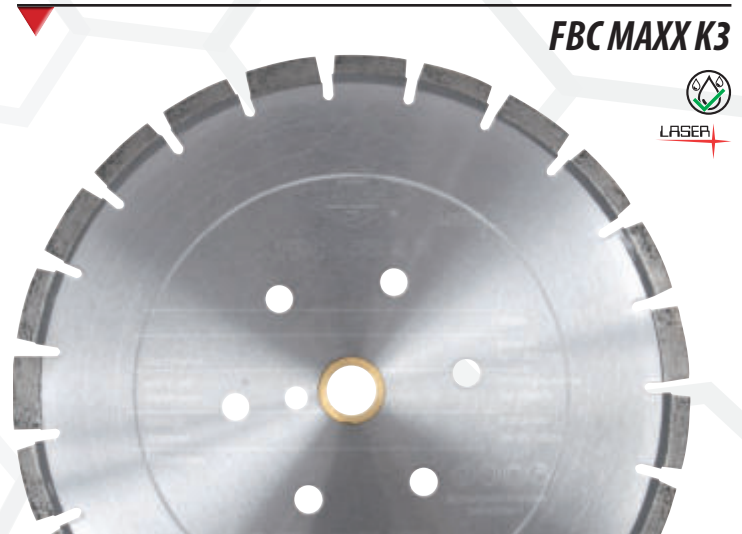
Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007518	300	35 / 25,4	2,8 x 10 x 38	20
50007519	350	35 / 25,4	2,8 x 10 x 38	23
50008576	350	35 / 25,4	3,2 x 10 x 38	23
50007520	350	35 / 25,4	3,8 x 10 x 38	23
50007522	400	35 / 25,4	3,2 x 12 x 40	26
50007523	450	35 / 25,4	3,6 x 12 x 40	29

- for slot cuts of green concrete joints in green concrete
- suitable for joint cutters from 15 kW engine power
- combi protective segments with different heights
- with 6 additional mounting holes

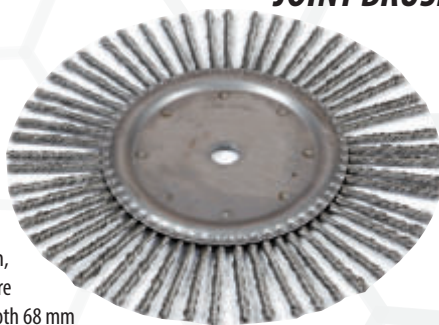


Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007525	300	35 / 25,4	2,8 x 10 x 38	20
50007530	350	35 / 25,4	2,8 x 10 x 38	23
50008575	350	35 / 25,4	3,2 x 10 x 38	23
50007531	350	35 / 25,4	3,8 x 10 x 38	23
50008374	400	35 / 25,4	3,2 x 10 x 38	23
50007532	400	35 / 25,4	3,8 x 12 x 40	26
50007524	450	35 / 25,4	3,6 x 12 x 40	29

- Use in green concrete
- for curb cuts and for expanding the joint chambers
- suitable for joint cutters from 25 kW engine power
- combi protective segments with different heights
- with 6 additional mounting holes



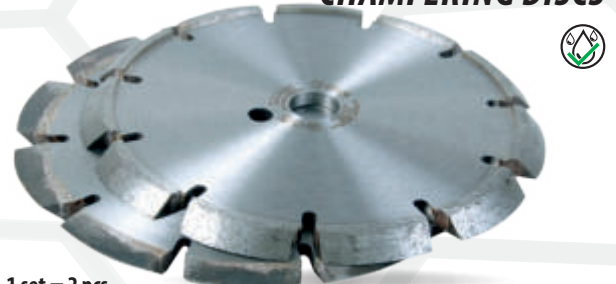
JOINT BRUSH



Diameter: 300 mm,
hardened steel wire
max. brushing depth 68 mm

Order no.	Ø -mm-	Bore hole -mm-	Brush width -mm-
70008824	300	20	6
70008825	300	20	8
70008827	300	20	10

CHAMFERING DISCS



1 set = 2 pcs.
for chamfering concrete joints

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
10003554	230	25,4	9,5 x 9,5 x 50	11
10003555	250	25,4	9,5 x 9,5 x 50	13
10003556	300	25,4	9,5 x 9,5 x 50	16

DIAMOND SAW BLADES

PROFESSIONAL USE - JOINT CUTTERS - ASPHALT

FSA 10



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008287	600	25,4	4,2 x 10 x 40	36
50008432	650	35 / 25,4	4,4 x 10 x 40	36
50008433	700	35 / 25,4	4,4 x 10 x 40	40
50008434	800	35 / 25,4	4,4 x 10 x 40	46
50008435	900	35 / 25,4	4,4 x 10 x 40	52

- application in asphalt and screed with soft to medium-hard aggregates
- suitable for joint cutters from 10 kW up to 22 kW engine power
- with hammer diamond protective segments

FSA 18



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008436	500	35 / 25,4	3,6 x 10 x 40	28
50008437	500	35 / 25,4	4,4 x 10 x 40	28
50008438	600	35 / 25,4	4,4 x 10 x 40	36
50008439	600	35 / 25,4	3,6 x 10 x 40	36
50008440	700	35 / 25,4	4,4 x 10 x 40	40
50008442	800	35 / 25,4	4,4 x 10 x 40	46
50008443	900	35 / 25,4	4,4 x 10 x 40	52
50008444	1000	35 / 25,4	4,4 x 10 x 40	54
50008445	1200	35 / 25,4	4,4 x 10 x 40	64

- application in asphalt with medium-hard aggregates
- high feed, fast cutting
- suitable for joint cutters from 18 kW engine power
- with bevelled protective diamond segments
- with 6 additional mounting holes

FSA 25



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008446	450	35 / 25,4	4,4 x 12 x 40	28
50008447	500	35 / 25,4	4,4 x 12 x 40	28
50008448	600	35 / 25,4	4,4 x 12 x 40	34
50008449	700	35 / 25,4	4,4 x 12 x 40	40
50008450	800	35 / 25,4	4,4 x 12 x 40	46
50008451	900	35 / 25,4	4,4 x 12 x 40	52
50008452	1000	35 / 25,4	4,4 x 12 x 40	54
50008453	1200	35 / 25,4	4,4 x 12 x 40	64

- application in asphalt with soft to hard aggregates
- suitable for joint cutters from 25 kW engine power
- with bevelled diamond segments for protection against undercutting
- with 6 additional mounting holes

DIAMOND SAW BLADES

PROFESSIONAL USE - JOINT CUTTERS - ASPHALT

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008455	450	35 / 25,4	4,4 x 10 x 40	28
50008456	600	35 / 25,4	4,4 x 10 x 40	36
50008457	650	35 / 25,4	4,0 x 10 x 40	36
50008458	650	35 / 25,4	4,4 x 10 x 40	36
50008459	700	35 / 25,4	4,4 x 10 x 40	40
50008460	800	35 / 25,4	4,4 x 10 x 40	46
50008461	900	35 / 25,4	4,4 x 10 x 40	52
50008462	1000	35 / 25,4	4,4 x 10 x 40	54
50008463	1200	35 / 25,4	4,4 x 10 x 40	64

- application in asphalt with soft to hard aggregates
- suitable for joint cutters from 25 kW engine power
- with bevelled diamond segments and hammer diamond segments to protect the saw blade core
- with 6 additional mounting holes



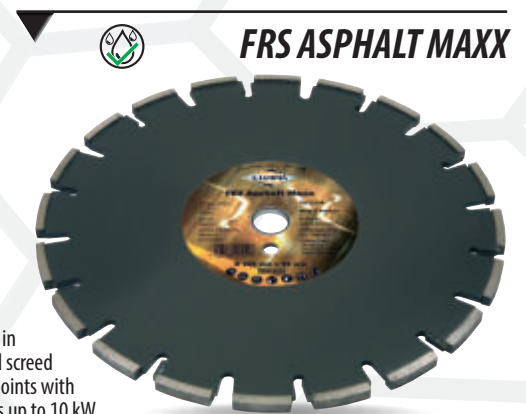
DIAMOND MILLING DISCS

PROFESSIONAL USE - JOINT CUTTERS



application in concrete
for milling joints with
joint cutters up to 10 kW

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50008003	350	25,4	4,5 x 7,0 x 40	24
50007556	350	25,4	8,0 x 7,0 x 40	24
50007557	350	24,4	10 x 7,0 x 40	24
50008004	400	25,4	4,5 x 7,0 x 40	28



application in
asphalt and screed
for milling joints with
joint cutters up to 10 kW

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50007558	350	25,4	8,0 x 7,0 x 40	24
50007559	350	25,4	10 x 7,0 x 40	24

DIAMOND SAW BLADES

PROFESSIONAL USE - WALL SAWS

SOLID 3 GEN



The Solid 3 Gen line is equipped with high-quality segments which were produced by a new method of positioning of the diamonds. The diamond saw blades are available in various segment widths in order to achieve the optimum cutting performance on every application.

- constant cutting behaviour until the segment is worn out
- low lateral wear of segment
- proven Cedima short-toothed segments
- laser-welded up to 1200 mm, soldered from 1500 mm
- high lifetime in reinforced concrete
- smooth cutting behaviour, also in iron
- very high tensile strength

WS SOLID 10



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50004408	600	60	4,0 x 10 (+2) x 20	56
50005529	650	60	4,0 x 10 (+2) x 20	60
50004409	700	60	4,0 x 10 (+2) x 20	64
50004410	800	60	4,0 x 10 (+2) x 20	72
50004531	900	60	4,0 x 10 (+2) x 20	80

- suitable for all wall saws with about 20 KW power

Due to high cutting efficiency the WS SOLID 10 is well suitable for electrically driven joint cutters with 7,5 kW engine power.

WS SOLID 10/15



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50004411	600	60	4,4 x 10 (+2) x 20	56
50004521	650	60	4,8 x 10 (+2) x 20	60
50004419	700	60	4,4 x 10 (+2) x 20	64
50006462	700	60	4,8 x 10 (+2) x 20	64
50007434	750	60	4,8 x 10 (+2) x 20	64
50004420	800	60	4,4 x 10 (+2) x 20	72
50004657	800	60	4,8 x 10 (+2) x 20	72
50004532	900	60	4,4 x 10 (+2) x 20	80
50004421	1000	60	4,4 x 10 (+2) x 20	88
50007510	1200	60	4,4 x 10 (+2) x 20	96

- suitable for all wall saws with about 10 to 15 KW power

WS SOLID 15



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50004423	1500	60	4,4 x 10 (+2) x 20	120
50004425	1600	60	4,4 x 10 (+2) x 20	120
50007198	1800	60	4,4 x 10 (+2) x 20	135

- suitable for all wall saws with about 15 KW power

DIAMOND SAW BLADES

PROFESSIONAL USE - WALL SAWS

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50004426	600	60	4,4 x 10 (+2) x 20	56
50004427	600	60	4,8 x 10 (+2) x 20	56
50004668	650	60	4,4 x 10 (+2) x 20	60
50004428	650	60	4,8 x 10 (+2) x 20	60
50004429	700	60	4,8 x 10 (+2) x 20	64
50004430	800	60	4,4 x 10 (+2) x 20	72
50004431	800	60	4,8 x 10 (+2) x 20	72
50004528	900	60	4,4 x 10 (+2) x 20	80
50004432	1000	60	4,4 x 10 (+2) x 20	88
50004433	1200	60	4,4 x 10 (+2) x 20	96
50004435	1500	60	4,4 x 10 (+2) x 20	120
50004436	1600	60	4,4 x 10 (+2) x 20	120

- suitable for all wall saws with about 20 KW power



Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50004437	600	60	4,4 x 10 (+2) x 20	56
50004438	600	60	4,8 x 10 (+2) x 20	56
50005049	650	60	4,4 x 10 (+2) x 20	60
50004439	650	60	4,8 x 10 (+2) x 20	60
50004440	700	60	4,8 x 10 (+2) x 20	64
50004442	800	60	4,4 x 10 (+2) x 20	72
50004441	800	60	4,8 x 10 (+2) x 20	72
50004533	900	60	4,4 x 10 (+2) x 20	80
50004443	1000	60	4,4 x 10 (+2) x 20	88
50004444	1200	60	4,4 x 10 (+2) x 20	96
50004445	1500	60	4,4 x 10 (+2) x 20	120
50004446	1600	60	4,4 x 10 (+2) x 20	120

- suitable for all wall saws with about 25 KW power



High-end saw blade for the professional sector!

Order no.	Ø -mm-	Bore hole -mm-	Segment W x H x L -mm-	No. of segments
50005508	600	60	4,5 x 12 x 40	34
50005509	800	60	4,5 x 12 x 40	46
50007513	800	60	4,8 x 12 x 40	46
50007342	900	60	4,5 x 12 x 40	52
50005510	1000	60	4,5 x 12 x 40	54
50011401	1200	60	4,5 x 12 x 40	64

- suitable for all wall saws with about 15 KW power
- for the CEDIMA wall saw WS-296

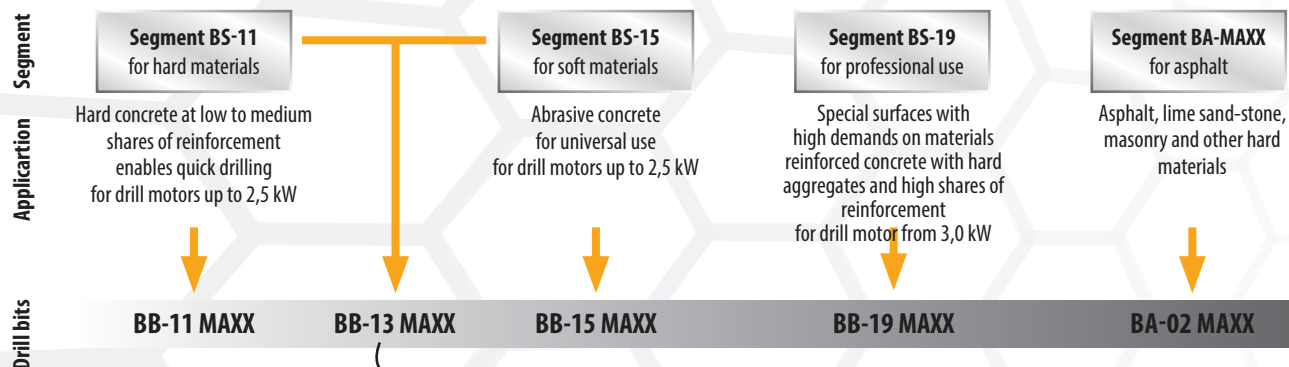


DIAMOND DRILL BITS

APPLICATION CHART

Our range of diamond drill bits for application in concrete and asphalt has been redesigned. The drill bits consist of four different types of segments, allowing you to select the suitable drill bit for your application.

In addition, we provide comprehensive service in core drilling technology, e.g. repair and re-tipping service and special productions made according to your wishes.



Special drill bits: for dry drilling BB-1 T MAXX • for dry drilling BK SYNCRO MAXX DRY • ring drill bits BCDK SOLID, BCDK MAXX, GCDK SOLID
socket bit DS MAXX • socket bit DS SYNCRO • screw-type drill bit CSK

Special sizes and lengths for all drill bits available on request!

Drill bit	BB-15 MAXX	BB-13 MAXX	BB-11 MAXX	BB-19 MAXX	BA-02 MAXX	BCDK SOLID	BCDK MAXX	GCDK SOLID	BB-1 T MAXX	BK SYNCRO MAXX	DS MAXX	DS SYNCRO
Material												
Natural stone (granite, gneiss etc.)	◆	◆	◆			◆	◆	◆				
Artificial stone, polymer concrete	◆	◆	◆			◆	◆	◆				
Reinforced concrete	◆	◆	◆	◆		◆	◆	◆		◆		◆
Cured concrete	◆	◆	◆	◆		◆	◆	◆	◆	◆		◆
Washed-out concrete	◆	◆	◆	◆		◆	◆	◆	◆	◆		
Curb stones	◆	◆	◆	◆		◆	◆	◆	◆	◆		
Paving concrete	◆	◆	◆	◆		◆	◆	◆	◆	◆		
Concrete full brick	◆	◆	◆	◆		◆	◆	◆				◆
Highly compressed sand-lime brick										◆	◆	◆
Limestone (marble, terrazzo, etc.)											◆	◆
Slate		◆	◆									
Clay bricks							◆					
Aerated concrete	◆				◆		◆		◆	◆	◆	◆
Refractory material, porous	◆				◆		◆				◆	◆
Lime sand-stone, gross density < 2	◆				◆		◆		◆	◆	◆	◆
Poroton	◆				◆		◆		◆	◆	◆	◆
Masonry	◆				◆				◆	◆	◆	◆
Sand-stone	◆				◆		◆	◆		◆		◆
Screed					◆							
Asphalt					◆							
Green concrete					◆							

◆ very applicable ◆ well applicable ◆ conditionally applicable

DIAMOND DRILL BITS

PROFESSIONAL USE - REINFORCED CONCRETE

- application in hard to very hard materials
- usable length: 450 mm
- connection: 1 1/4" UNC-bushing
- enables quick drilling
- especially suitable for drilling with small drill motors up to 2,5 kW in normal concrete

BB-11 MAXX



Diamond drill bit			Re-tipping	Diamond segments BS-11	
Ø -mm-	No. of segments	Order no.	Order no.	Order no.	Segment W x H x L -mm-
25	3	50006577	50006677	50006627	3 x 8,5 x 16
30	4	50006578	50006678	50006628	3 x 8,5 x 16
32	4	50006579	50006679		
41	5	50006580	50006680	50006629	3 x 8,5 x 16
46	5	50006581	50006681		
51	5	50006406	50006682	50006321	3 x 8,5 x 24
56	5	50006582	50006683		
61	5	50006407	50006684	50006322	3,5 x 8,5 x 24
71	6	50006583	50006685		
81	7	50006408	50006686	50006323	3,5 x 8,5 x 24
91	8	50006584	50006687		
101	9	50006409	50006688		
107	9	50006585	50006689		
111	9	50006586	50006690	50006324	3,5 x 8,5 x 24
121	10	50006410	50006691		
126	10	50006587	50006692		
131	10	50006411	50006693		
151	12	50006412	50006694	50006325	4 x 8,5 x 24
158	12	50006588	50006695		
161	12	50006589	50006696		
171	13	50006590	50006697		
181	13	50006413	50006698		
201	14	50006414	50006699	50006326	4,5 x 8,5 x 24
225	15	50006591	50006700		
250	20	50006415	50006701		
300	24	50006592	50006702		
350	24	50006593	50006703	50006327	5 x 8,5 x 20
400	30	50006594	50006704		
450	30	50006595	50006705		
500	30	50006596	50006706		
600	32	50006597	50006707	50006328	6 x 8,5 x 20



DIAMOND DRILL BITS

PROFESSIONAL USE - REINFORCED CONCRETE

BB-13 MAXX



- consists of both type of segments of BS-11 und BS-15 in 1:1 mixing ratio
- application in reinforced concrete at low to medium shares of reinforcement
- usable length: 450 mm
- connection: 1 1/4" UNC-Muffe
- suitable for drill motors up to 3,5 kW



Diamond drill bit			Re-tipping
Ø -mm-	No. of segments	Order no.	Order no.
25	3	50007818	50007854
30	4	50007819	50007855
32	4	50007820	50007856
41	5	50007821	50007858
46	5	50007822	50007859
51	5	50007823	50007860
56	5	50007824	50007861
61	5	50007827	50007862
71	6	50007828	50007863
81	7	50007829	50007864
91	8	50007830	50007867
101	9	50007831	50007868
107	9	50007832	50007869
111	9	50007833	50007870
121	10	50007834	50007871
126	10	50007835	50007872
131	10	50007837	50007873
151	12	50007838	50007874
158	12	50007839	50007875
161	12	50007840	50007876
171	13	50007841	50007877
181	13	50007842	50007878
201	14	50007843	50007879
225	15	50007844	50007880
250	20	50007845	50007881
300	24	50007846	50007882
350	24	50007847	50007883
400	30	50007848	50007884
450	30	50007849	50007885
500	30	50007850	50007886
600	32	50007851	50007887

DIAMOND DRILL BITS

PROFESSIONAL USE - REINFORCED CONCRETE

- application in abrasive concrete at low to medium shares of reinforcement
- usable length: 450 mm
- connection: 1 1/4" UNC-bushing
- for universal use
- suitable for drill motors from 2,5 to 4,2 kW

BB-15 MAXX



Diamond drill bit			Re-tipping	Diamond segments BS-15	
Ø -mm-	No. of segments	Order no.	Order no.	Order no.	Segment W x H x L -mm-
25	3	50006776	50006810	50006764	3 x 8,5 x 16
30	4	50006777	50006811	50006765	3 x 8,5 x 16
32	4	50006781	50006812		
41	5	50006782	50006813	50006766	3 x 8,5 x 16
46	5	50006783	50006814		
51	5	50006784	50006815	50006767	3 x 8,5 x 24
56	5	50006785	50006816		
61	5	50006786	50006817	50006768	3,5 x 8,5 x 24
71	6	50006787	50006818		
81	7	50006788	50006819	50006769	3,5 x 8,5 x 24
91	8	50006789	50006820		
101	9	50006790	50006821		
107	9	50006791	50006822	50006770	3,5 x 8,5 x 24
111	9	50006792	50006823		
121	10	50006793	50006824		
126	10	50006794	50006825		
131	10	50006795	50006826		
151	12	50006796	50006827	50006771	4 x 8,5 x 24
158	12	50006797	50006828		
161	12	50006798	50006829		
171	13	50006799	50006830		
181	13	50006800	50006831	50006772	4,5 x 8,5 x 24
201	14	50006801	50006832		
225	15	50006802	50006833		
250	20	50006803	50006834		
300	24	50006804	50006835	50006773	5 x 8,5 x 20
350	24	50006805	50006836		
400	30	50006806	50006837		
450	30	50006807	50006838		
500	30	50006808	50006839		
600	32	50006809	50006840	50006774	6 x 8,5 x 20



DIAMOND DRILL BITS

PROFESSIONAL USE - REINFORCED CONCRETE

BB-19 MAXX



- operation in reinforced concrete with hard aggregates and high shares of reinforcement
- usable length: 450 mm
- connection: 1 1/4" UNC-bushing
- recommended motor output: from 3,0 kW



Diamond drill bit		
Ø -mm-	No. of segments	Order no.
25	3	50007707
30	4	50007708
32	4	50007709
41	5	50007710
46	5	50007711
51	5	50007712
56	5	50007713
61	5	50007714
71	6	50007715
81	7	50007716
91	8	50007717
101	9	50007718
107	9	50007719
111	9	50007720
121	10	50007721
126	10	50007722
131	10	50007723
151	12	50007743
158	12	50007726
161	12	50007727
171	13	50007728
181	13	50007731
201	14	50007732
225	15	50007733
250	20	50007734
300	24	50007735
350	24	50007736
400	30	50007737
450	30	50007738
500	30	50007739
600	32	50007740

Re-tipping
Order no.
50007745
50007746
50007747
50007748
50007749
50007750
50007751
50007752
50007753
50007754
50007755
50007756
50007757
50007758
50007759
50007760
50007761
50007762
50007763
50007764
50007765
50007766
50007767
50007768
50007769
50007770
50007771
50007772
50007773
50007774
50007775

Diamond segments BS-15	
Order no.	Segment W x H x L -mm-
50007696	3 x 8,5 x 16
50007697	3 x 8,5 x 16
50007698	3 x 8,5 x 16
50007699	3 x 8,5 x 24
50007700	3,5 x 8,5 x 24
50007701	3,5 x 8,5 x 24
50007702	3,5 x 8,5 x 24
50007703	4 x 8,5 x 24
50007704	4,5 x 8,5 x 24
50007705	5 x 8,5 x 20
50007706	6 x 8,5 x 20

DIAMOND DRILL BITS

PROFESSIONAL USE - ASPHALT

- operation in asphalt, lime sand-stone, masonry and other abrasive materials
- usable length 450 mm
- connection 1 1/4" UNC-bushing

Diamond drill bit			
Ø -mm-	No. of segments	Segment W x H x L -mm-	Order no.
91	8	3,5 x 7 x 24	50008615
101	9	3,5 x 7 x 24	50008616
107	9	3,5 x 7 x 24	50008617
151	12	4 x 7 x 24	50008618
158	12	4 x 7 x 24	50008619
162	12	4 x 7 x 24	50008620
201	14	4,5 x 7 x 24	50008621



BA-02 MAXX

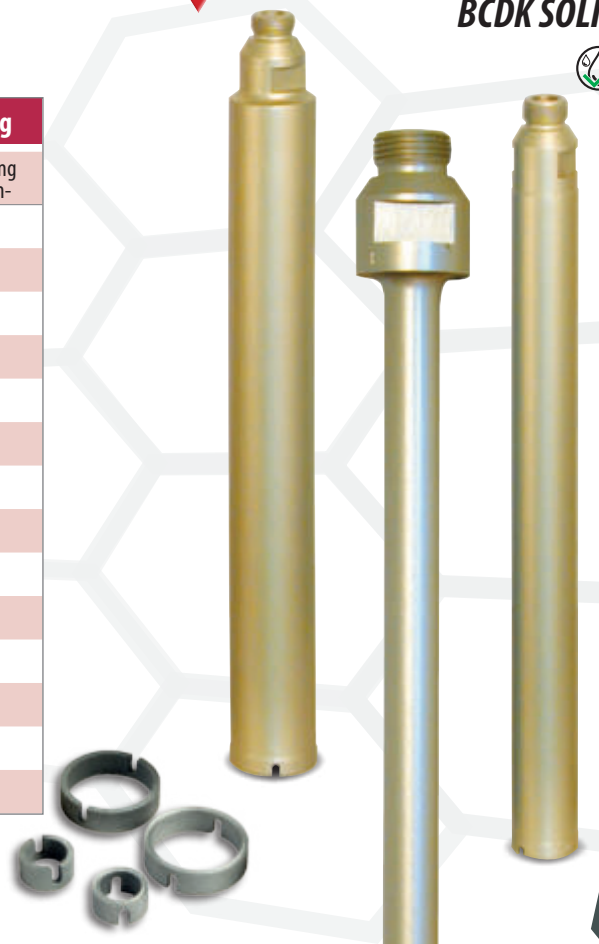


DIAMOND RING DRILL BITS

PROFESSIONAL USE - CONCRETE

- Ring drill bit for reinforced concrete with medium-hard aggregates and low to medium shares of reinforcement
- usable length 300 mm, connection R 1/2" bushing
- segment ring (W x H): 2,5 x 10,0 mm

Diamond drill bit		Re-tipping	Diamond segment ring	
Ø -mm-	Order no.	Order no.	Order no.	Segment ring W x H -mm-
12	50008624	50008638	50008324	2,5 x 10
14	50008625	50008639	50008325	2,5 x 10
16	50008626	50008640	50008326	2,5 x 10
18	50008627	50008641	50008327	2,5 x 10
20	50008628	50008642	50008328	2,5 x 10
22	50008629	50008643	50008329	2,5 x 10
24	50008630	50008644	50008330	2,5 x 10
25	50008631	50008645	50008331	2,5 x 10
28	50008632	50008646	50008332	2,5 x 10
30	50008633	50008647	50008333	2,5 x 10
32	50008634	50008648	50008334	2,5 x 10
35	50008635	50008649	50008335	2,5 x 10
38	50008636	50008650	50008336	2,5 x 10
41	50008637	50008651	50008337	2,5 x 10



BCDK SOLID



DIAMOND RING DRILL BITS

PROFESSIONAL USE = CONCRETE / NATURAL STONE

BCDK MAXX



- Ring drill bit for reinforced concrete with medium-hard aggregates and low to medium shares of reinforcement
- usable length 300 mm, connection R $\frac{1}{2}$ " bushing
- segment ring (W x H): 2,5 x 10,0 mm

Diamond drill bit		Re-tipping	Diamond segment ring	
\emptyset -mm-	Order no.	Order no.	Order no.	Segment ring W x H -mm-
12	50008652	50008666	50007635	2,5 x 10
14	50008653	50008667	50007636	2,5 x 10
16	50008654	50008668	50007637	2,5 x 10
18	50008655	50008669	50007638	2,5 x 10
20	50008656	50008670	50007639	2,5 x 10
22	50008657	50008671	50007640	2,5 x 10
24	50008658	50008672	50007641	2,5 x 10
25	50008659	50008673	50007642	2,5 x 10
28	50008660	50008674	50007643	2,5 x 10
30	50008661	50008675	50007644	2,5 x 10
32	50008662	50008676	50007645	2,5 x 10
35	50008663	50008677	50007646	2,5 x 10
38	50008664	50008678	50007647	2,5 x 10
41	50008665	50008679	50007648	2,5 x 10

GCDK SOLID



- Use in granite and natural stone
- usable length 300 mm, connection R $\frac{1}{2}$ " bushing
- segment ring (W x H): 2,5 x 10,0 mm

Diamond drill bit		Re-tipping	Diamond segment ring	
\emptyset -mm-	Order no.	Order no.	Order no.	Segment ring W x H -mm-
12	50008680	50008694	50007649	2,5 x 10
14	50008681	50008695	50007650	2,5 x 10
16	50008682	50008696	50007651	2,5 x 10
18	50008683	50008698	50007652	2,5 x 10
20	50008684	50008699	50007653	2,5 x 10
22	50008685	50008700	50007654	2,5 x 10
24	50008686	50008701	50007655	2,5 x 10
25	50008687	50008702	50007657	2,5 x 10
28	50008688	50008703	50007658	2,5 x 10
30	50008689	50008704	50007659	2,5 x 10
32	50008690	50008705	50007663	2,5 x 10
35	50008691	50008706	50007664	2,5 x 10
38	50008692	50008707	50007665	2,5 x 10
41	50008693	50008708	50007667	2,5 x 10

DIAMOND DRILL BITS

PROFESSIONAL USE - DRY DRILLING

Diamond drill bit		
Ø -mm-	No. of segments	Order no.
41	3	50006630
51	3	50006631
61	4	50006632
71	4	50006633
81	4	50006634
91	4	50006635
101	5	50006636
111	5	50006637
121	5	50006638
126	5	50006639
131	5	50006640
141	5	50006641
151	6	50006642
161	6	50006643
181	6	50006644
201	6	50006645
225	7	50006646

Re-tipping
Order no.
50006743
50006744
50006745
50006746
50006747
50006748
50006749
50006750
50006751
50006752
50006753
50006754
50006755
50006756
50006757
50006758
50006759

- application in masonry, lime sand-stone, Poroton, bricks with dry drilling systems and hand-held drill motor
- usable length 300 mm
- connection 1¼" UNC-bushing



Diamond drill bit		
Ø -mm-	No. of segments	Order no.
32	4	50011256
42	4	50011257
52	5	50011258
62	5	50011259
72	5	50011260
82	6	50011261
102	7	50011262
112	7	50011263
122	8	50011264
132	8	50011265
142	8	50011266
152	8	50011267
162	9	50011268
182	9	50011269
202	10	50011270

- Application: Lime sand brick (highly compacted), Concrete and reinforced concrete (limited)
- with dry drilling systems and hand drill motors
- Also for drill motors with soft impact suitable.
- usable length 300 mm
- connection 1¼" UNC-bushing



DIAMOND DRILL BITS

PROFESSIONAL USE - DRY DRILLING

DS MAXX Diamond socket outlet drill bit

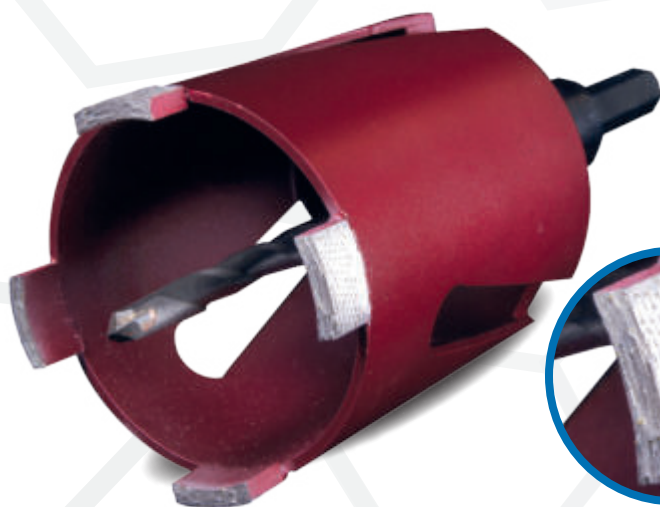


- application in masonry, lime sand stone, Poroton and similar abrasive materials
- connection M-16 internal thread
- with turbo segments,
- accessory set: hexagonal-adaptor for drill chuck (3), taper drift key and centre drill bit (2)

DS MAXX Diamond socket outlet drill bit

Ø -mm-	No. of segments	Segment W x H x L -mm-	Order no.
68	4	3,5 x 7 x 20	50008415
82	6	3,5 x 7 x 20	50008416

DS SYNCRO Diamond socket outlet drill bit



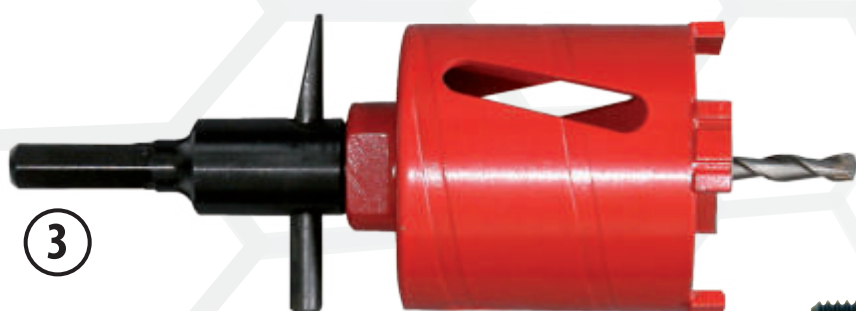
- Applications: Highly compressed sand-lime brick, concrete, hollow brick, clinker.
- connection M-16 internal thread
- with turbo segments,
- accessory set: hexagonal-adaptor for drill chuck (3), taper drift key and centre drill bit (2)

DS SYNCRO Diamond socket outlet drill bit

Ø -mm-	No. of segments	Segment W x H x L -mm-	Order no.
68	4	3,2 x 8 (+2) x 16	50011487
82	6	3,2 x 8 (+2) x 16	50011488



Accessories DS DRILL BITS



Equipment	Pos.	Order no.
SDS-PLUS mounting	1	30000578
centre drill bit 6,5 mm	2	30000577
hexagonal adaptor M16x100	3	30000576



DIAMOND DRILL BITS

SCREW-TYPE DRILL BIT



Application

Diamond drill bit for producing extra-long drill holes when the use of simple drill bit extensions is not possible. The removal of the drill core also poses a particular challenge when drilling very deep holes.

CEDIMA-screw-type drill bits can be extended almost arbitrarily with extension tubes. To do this, the drilling is stopped after reaching the useful length of an extension tube, the drill bit is separated from the machine and another extension tube is added. The drilling process can then be continued.

When drilling blind or blind holes, the core catch spring located in the drill bit ensures that the entire length of the drill core remains in the screw-type drill bit and can therefore be easily removed.

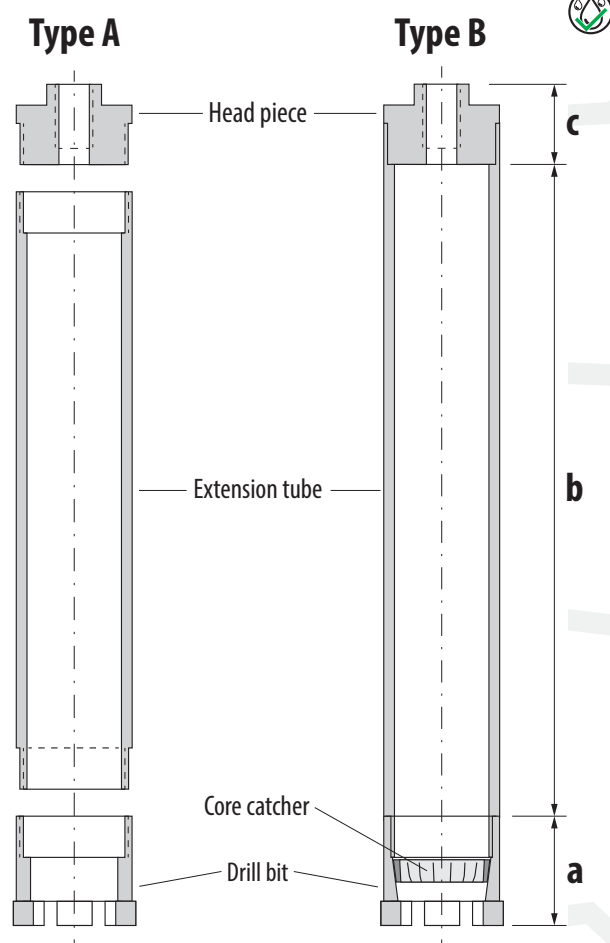
Please note:

CEDIMA-screw-type drill bits are manufactured according to your specifications and especially for your drilling order. Therefore an exchange or a return is impossible - we ask for your understanding! If you have any questions, please contact us!

Dimensions

Drill-Ø -mm-	Length drill bit		Head piece
	Type A -mm-	Type B -mm-	Length -mm-
20 - 40	100	---	125
46 - 56	120	100	125
66 - 86	120	115	110
101 - 131	120	160	110
146 - 163	200	210	110
171 - 181	220	210	270
206	250	220	270
222 - 276	250	230	270

Screw-type drill bit CSK



a = length of drill bit
b = length of extension tube
c = length of head piece
a + b = usable length of drill bit
a + b + c = total length of drill bit

Construction, accessories, explanations

Drill bit type A	drill bit with standard segments
Drill bit type B	drill bit with wide segments to be used with core catcher
Standard version	standard drill bit with segments to be used in solid materials
Mining version	drill bit with segments and TC bore protection, preferably for drilling operations in loose rock or masonry and for horizontal drillings
Head piece	connection to drill motor or drill spindle with 1 1/4" UNC-bushing
Extension tubes	in lengths of 500 and 1000 mm for any drill diameter
Core catcher	keeps the core inside the bit when retracting the drill bit
Pliers	for separating the extension tubes, 2 pieces required
Reamer	diamond or tungsten carbide tipped; prevents sagging of drill bit when drilling long horizontal holes



DIAMOND DRILL BITS

SCREW-TYPE DRILL BIT

Screw-type drill bit CSK



Step

1

First, determine which segment type is appropriate for your task.
Please indicate the type number when ordering according to the item description, for example:
Schraubbohrkrone CSK - Type 10

Now specify all other components of your drill bit in the following steps.

Step

2

Then select the drill bit required for your application **and** a matching head piece with the same diameter.

Type no.	Segment specifications
10	very abrasive masonry, abrasive sand-stone
20	brick masonry, fine-grained sand stone, abrasive concrete without reinforcement
30	concrete with medium-hard aggregates and low shares of reinforcement
40	concrete with medium-hard aggregates and normal shares of reinforcement, hard lime sand-stone, slate
50	concrete with medium-hard aggregates and high shares of reinforcement, basalt, marble
60	gneiss, granite, porphyry
70	very hard, non-abrasive artificial and natural stones at low machine output

DRILL BIT TYPE A

Ø	NORMAL		MINING	
	Drill-Ø -mm-	Inner-Ø -mm-	Order no.	Order no.
20		9	10002420	-
26		15	10002422	-
30		19	10002133	-
36		25	10002137	-
40		29	10002140	-
46		35	10002141	-
56		45	10002145	-
66		55	10002153	-
76		65	10002158	-
86		75	10002164	-
101		87	10002528	10002529
116		102	10002176	10002435
131		117	10002182	10002533
146		132	10002189	10002191
163		149	10002440	10002545
171		151	10002553	10002555
181		161	10002562	10002564
206		186	10002205	10002565
222		202	10002568	10002570
248		228	10002578	10002579
276		256	10002580	10002582

DRILL BIT TYPE B

NORMAL		MINING	
Inner-Ø -mm-	Order no.	Inner-Ø -mm-	Order no.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
32	10002142		10002511
42	10002146		10002147
52	10002154		10002519
62	10002159		10002524
72	10002430		10002165
86	10002171		10002172
101	10002177		10002530
116	10002183		10002436
132	10002190		10002192
149	10002544		10002546
151	10002554		10002556
161	10002563		10002198
186	10002206		10002566
202	10002569		10002571
228	10002212		10002214
256	10002581		10002583

HEAD PCS.

for type A & B
Order no.
10002501
10002504
10002134
10002425
10002426
10002428
10002148
10002520
10002160
10002166
10002173
10002178
10002184
10002193
10002547
10002557
10002199
10002207
10002572
10002215
10002584

DIAMOND DRILL BITS

SCREW-TYPE DRILL BIT

Screw-type drill bit CSK



Select the number and length of extension tubes according to the diameter and depth of the drill.

Determine which additional accessories are required to complete your drilling task.

Please note that all selected components of your drill bit must have the same diameter!

Please note!

The length of the extension tubes should under no circumstances be greater than the total stroke of your core drill machine!

Holds the drill core inside the drill bit when retrieving. For blind hole drilling.

For easy separation of the extension tubes after drilling. **2 pieces required!**

Prevents sagging of the drill bit for particularly long, horizontal holes.

Extension tube Type A & B

Core catcher

Pliers

Reamer

Ø	500 mm		1000 mm	Erforderlich bei Typ B		Typ A & B	Typ A & B	
Bohr-Ø -mm-	Order no.		Order no.	Order no.		Order no.	Order no.	
20	10002421		10002503	-		-	10002502	
26	10002506		10002423	-		-	10002505	
30	10002135		10002136	-		-	10002424	
36	10002138		10002139	-		-	10002507	
40	10002509		10002427	-		-	10002508	
46	10002429		10002144	10002143		10002512	10002513	
56	10002151		10002152	10002150		10002149	10002515	
66	10002522		10002157	10002156		10002155	10002521	
76	10002526		10002163	10002162		10002525	10002161	
86	10002169		10002170	10002431		10002167	10002168	
101	10002434		10002175	10002174		10002432	10002433	
116	10002532		10002181	10002180		10002179	10002531	
131	10002187		10002188	10002186		10002185	10002437	
146	10002195		10002196	10002438		10002194	10002534	
163	10002551		10002552	10002550		10002548	10002549	
171	10002560		10002561	10002197		10002558	10002559	
181	10002203		10002204	10002202		10002200	10002201	
206	10002210		10002211	10002209		10002208	10002567	
222	10002576		10002577	10002575		10002573	10002574	
248	10002220		10002221	10002219		10002217	10002218	
276	10002587		10002588	10002441		10002585	10002586	

Order no.

10002225 copper grease 1kg

Do not forget!

Always use copper grease to facilitate the removal and protection of the screw threads of the bit, extension tube and head piece.

WIRE SAW TECHNOLOGY

DIAMOND WIRES & ACCESSORIES

Diamond Wires DSS

Order no.	Type	Application area	Perls per m	Perl-Ø -mm-	Wet cutting	Dry cutting
10004003	DSS Orange 10,5	concrete with up to 3 % shares of reinforcement, soft to hard aggregates	40	10,5	x	
10004002	DSS Blau 11,0	concrete with up to 8 % shares of reinforcement, to hard aggregates	40	11,0	x	
10003651	DSS Schwarz 10,5	concrete, stainless steel, premium steel, fiber plastic, hard natural stone, etc.	40	10,5	x	x*
10003652	DSS Schwarz Synchro 10,5	concrete with 3-8 % shares of reinforcement, to extremely hard aggregates	40	10,5	x	
10003661	DSS Schwarz 11,0	concrete & reinforced concrete up to 8 % shares of reinforcement, stainless steel, cast iron & other metals	48	11,0	x	x
10003653	DSS Schwarz 12,0	masonry and concrete for draining	40	12,0	x	
50004330	DSS SOLID Performance 10,2 NEU	concrete & reinforced concrete, vacuum brazed	40	10,2	x	
50004526	DSS MAXX Performance 10,2 NEU	metal and steel, vacuum brazed	53	10,2	x	x**

*) Dry cutting in concrete

**) optionally possible



Accessories for diamond wires

Pos.	Description	Order no.
1	steel wire clamps (25 pcs.) for closing diamond wires	70011172
1	steel wire clamps type (25 pcs.) for closing of heavily used diamond wires	10003646
2	articulated joints (1 pcs.) for closing and opening of diamond wires	50005791
3	spare pin for articulated joints (1 pcs.)	10003644
4	device for opening and closing of articulated joints	70002875
5	hydraulic jointing clamp with press chucks for closing diamond wires, press force 8 tonnes	30000509



Band saw blade CSB-HM 3750x27

Carbide tipped saw blade for cutting light building materials (Poroton and similar) up to a maximum bulk density of 0,9 g/cm³.

Optimal tool for the CEDIMA band saw CBAS-500 (see page 44)



Technical Data		CSB-HM 3750x27
Order-no.		50009324
Band saw blade length	mm	3750
Band saw blade height	mm	27
Band saw blade thickness	mm	0,9
Tooth pitch		3 ZpZ



TABLE SAWS

TABLE SAWS

INFORMATION

OVERVIEW

Our extensive range of products includes both, small compact table saws that are most suitable for rental business as well as large-sized block saws. The range of Cedima table saws offers the suitable machine for every user.

Application	Machine	Max. cutting depth -mm-	Max. cutting length -mm-	Max. blade-Ø -mm-	Page
Concrete, bricks, clinkers, natural stone and similar materials	CTS-56	130	615	400	40
	CTS-57 G	125	615	400	40
	CTS-175.1	175	620	450	40
	CTS-200	200	600	500	40
Tiles, glazed tiles, natural stone slabs	CTS-26	65	650	250	41
	CTS-26 XL	65	1150	250	41
	CTS-81 L	130	1170	400	41
Large sized stone blocks	CTS-265.2	265	700	650	42
	CTS-375.3	425	1000	1000	42
	CTS-1000	420	650	1000	43
Stone band saw	CBAS-500	510	690	saw band	43
Accessories	--	--	--	--	44



TABLE SAWS

SPECIFICATIONS

Pictograms

You will find the most important features of our table saws in the article description clearly represented as a pictogram. In the overview below you will also find an explanation of the pictograms.



Ergonomic working

These table saws have a special handle on the swivel head of the machine which enables left- and right-handed operators to work ergonomically and with minimum effort.



Connected load 230 V

The drive motor of the table saw has an electrical connected load of 230 V / 50 Hz. The connection is made via a supplied cable with CEE plug / coupling.



Connected load 400 V

The powerful drive motor of the table saw has an electric connected load of 400 V / 50 Hz. The connection is made via a supplied cable with 5-pin CEE plug / coupling.



Operating hours meter

is integrated in the switch box of the machine.



Mitre cuts up to 45°.

With these table saws, the swivel cutting arm or the cross beam of the cutting head can be infinitely swivelled and locked up to an angle of 45°.



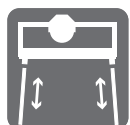
Extra long cutting lengths

These table saws are particularly suitable for cutting long workpieces such as large-sized tiles, window sills, etc.



Easy loading and transport

Feet can be unlocked and swivelled under the water container. The saw can be placed on the loading surfaces and pushed easily by moving the rolls to the intended positions of the foot traverses.



Removable plug-in feet

Feet are inserted and locked into the provided holders in the machine frame. For easier transport of the machine, they can be removed in just a few steps.



Machine with crane eyes

Table saws have firmly welded crane eyes for easy transport or moving of the machine on site.



Safe transport by forklift

The machine can also be equipped with a forklift bracket. This bracket serves to transport the table saw and prevents the machine from slipping during transport with a forklift.



TABLE SAWS

CONCRETE - BRICKS - CLINKERS - NATURAL STONE

CTS-56

Order no. 30001024



Small, handy and sturdy for the daily use.



Technical data		CTS-56	
Cutting depth	mm	105	130
Cutting length	mm	615	600
Blade-Ø	mm	350	400
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	2,2 / 230 / 50	
Content water container/ bucket	liter	35 / 20	
Dimension L / W / H	mm	1160 / 730 / 1570	
Transport L / W / H	mm	1160 / 620 / 580	
Weight	kg	72	

CTS-57 G

Order no. 30001025



Small construction site saw for mitre cuts up to 45°.



Technical data		CTS-57 G	
Cutting depth	mm	105 (55)	125 (75)
Cutting length	mm	615	600
Blade-Ø	mm	350	400
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	2,2 / 230 / 50	
Content water container/ bucket	liter	35 / 20	
Dimension L / W / H	mm	160 / 730 / 1570	
Transport L / W / H	mm	1160 / 620 / 580	
Weight	kg	74	

CTS-175.1

Order no. 30001045



Universal cutting machine for the construction site.



Technical data		CTS-175.1	
Cutting depth	mm	150	175
Cutting length	mm	620	615
Blade-Ø	mm	400	450
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	3,0 / 230 / 50	
Content water container/ bucket	liter	35 / 20	
Dimension L / W / H	mm	1230 / 730 / 1570	
Transport L / W / H	mm	1170 / 590 / 780	
Weight	kg	88	

CTS-200

Order no. 30001052



Suitable for larger cutting depths.



Technical data		CTS-200	
Cutting depth	mm	175	200
Cutting length	mm	600	600
Blade-Ø	mm	450	500
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	4,0 / 400 / 50	
Content water container/ bucket	liter	35 / 20	
Dimension L / W / H	mm	1520 / 710 / 1620	
Transport L / W / H	mm	1480 / 600 / 810	
Weight	kg	98	

TABLE SAWS

TILES - GLAZED TILES - NATURAL STONE SLABS

Order no. 30001049

CTS-26

For use in tiles, glazed tiles or thin natural stone slabs.



Technical data		CTS-26	
Cutting depth	mm	55	65
Cutting length	mm	645	650
Blade-Ø	mm	230	250
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	1,1 / 230 / 50	
Content water container/ bucket	liter	18 / 20	
Dimension L / W / H	mm	1300 / 710 / 1540	
Transport L / W / H	mm	1030 / 480 / 470	
Weight	kg	59	

Order no. 30001051

CTS-26 XL

XL-Version for easy cutting of large tiles with an edge length of up to 80 x 80 cm.

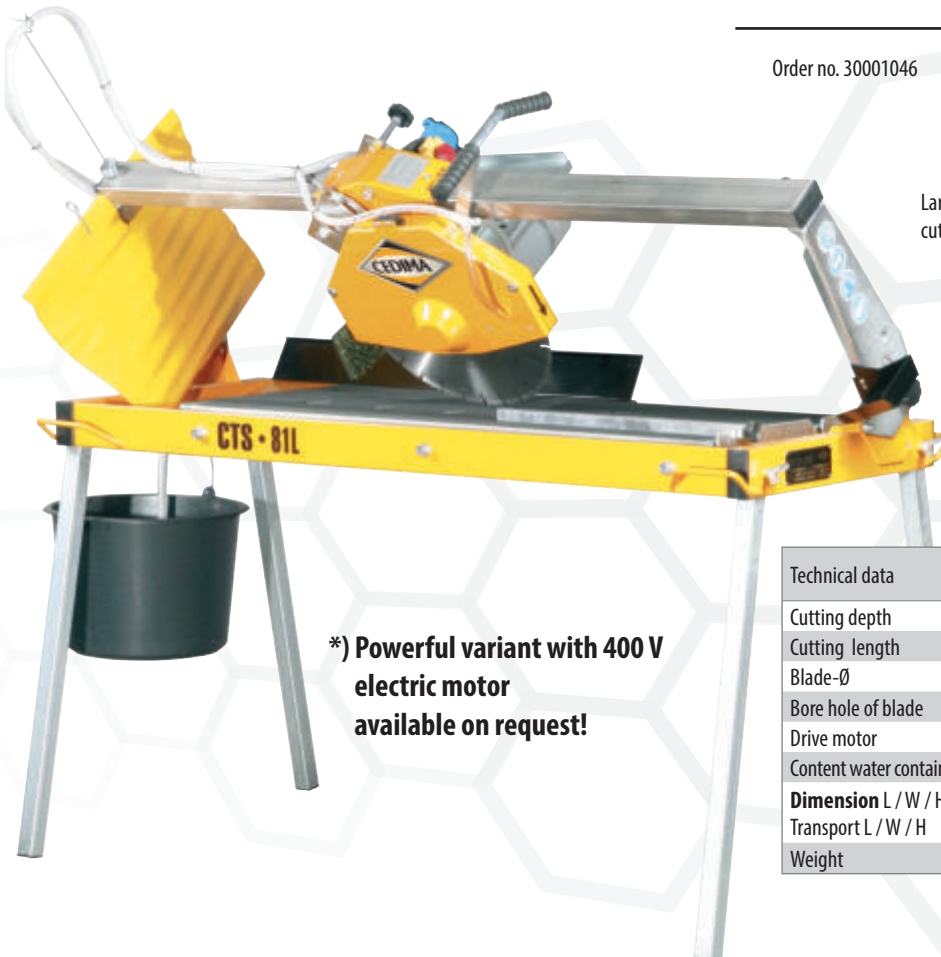


Technical data		CTS-26 XL	
Cutting depth	mm	55	65
Cutting length	mm	1145	1150
Blade-Ø	mm	230	250
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	1,1 / 230 / 50	
Content water container/ bucket	liter	25 / 20	
Dimension L / W / H	mm	1680 / 720 / 1520	
Transport L / W / H	mm	1540 / 480 / 500	
Weight	kg	77	

Order no. 30001046

CTS-81 L

Large cutting length, especially suitable for cutting long stone slabs.



***) Powerful variant with 400 V electric motor available on request!**

Technical data		CTS-81 L	
Cutting depth	mm	130	130
Cutting length	mm	1130	1200
Blade-Ø	mm	350	400
Bore hole of blade	mm	25,4	
Drive motor	kW/V/ Hz	2,2 / 230 / 50	
Content water container/ bucket	liter	35 / 20	
Dimension L / W / H	mm	1750 / 830 / 1620	
Transport L / W / H	mm	1560 / 670 / 600	
Weight	kg	99	

TABLE SAWS

LARGE SIZED STONE BLOCKS

CTS-265.2

Order no. 50007779



Technical data		CTS-265.2	
Cutting depth	mm	140	265
Cutting length	mm	700	700
Blade-Ø	mm	500	650
Bore hole of blade	mm	25,4	
Drive motor	kW/ V/ Hz	5,5 / 400 / 50	
Content water container/ bucket	liter	50	
Dimension L / W / H		1750 / 830 / 1780	
Transport L / W / H	mm	1750 / 900 / 1530	
Weight	kg	240	

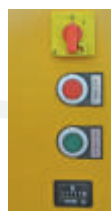
- Now with a larger cutting length!
- Hour meter

CTS-375.3

Order no. 50007778



Technical data		CTS-375.3 (F)	
Cutting depth	mm	370	425
Cutting length	mm	960	1000
Blade-Ø	mm	900	1000
Bore hole of blade	mm	60,0	
Drive motor	kW/ V/ Hz	7,5 / 400 / 50	
Content water container/ bucket	liter	110	
Dimension L / W / H		2300 / 1080 / 1900	
Transport L / W / H	mm	1780 / 970 / 1590	
Weight	kg	320	



New control box with automatic star-delta startup and hour meter!

CTS-375.3 F

Order no. 50007460

Hot-dip galvanized version

Delivery time on request!



Option: forklift bracket Order no. 50006511

TABLE SAWS

TOWER SAW / STONE BAND SAW

- Particularly robust and durable construction
- Operating hours counter as standard - ideal for rental purposes
- Support table with retractable PE rollers facilitates positioning of particularly heavy workpieces
- Standard 45° fence for mitre cuts
- Low-maintenance, encapsulated chain gear for the saw blade drive
- Easy removal and cleaning of the water pump
- Large crane eye and removable star wheel facilitate transport or change of installation site
- Standard with forklift transport lug under the water tray

Recommended Diamond cutting discs

- Sand-lime brick and Poroton
 - TS MAXX Tischsäge
 - TS SILENT MAXX PORO Tischsäge
- Concrete stone
 - TS BETON MAXX Tischsäge



Order no. 50013115

CTS-1000



Technical data		CTS-1000
Cutting depth max. / min.	mm	420 / 370
Saw blade-Ø max. / min.	mm	1000 / 900
Cutting length	mm	650
Table width	mm	1015
Drive motor	kW/V/ Hz	7,5 / 400 / 50
Cutting shaft speed	min ⁻¹	1050
Saw blade feed	--	Hand crank
Dimension L / W / H	mm	1175 / 1115 / 2375
Transport L / W / H	mm	1175 / 1115 / 1975
Weight	kg	410

The new CEDIMA tower saw CTS-1000 is a powerful machine for vertical cutting of large-sized building blocks with diamond saw blades up to Ø 1000 mm. The motor and gearbox are designed in such a way that the peripheral speed of the diamond tool is always very close to the optimum value of 50 m/s. Under these conditions, excellent cutting performance and particularly long tool life are achieved. The simple handling, clarity and high safety standard enable fatigue-free, user-friendly work.



Technical data		CBAS-500	CBAS-650
Cutting depth (passage height)	mm	510	650
Cutting length	mm	690	690
Passage width	mm	490	490
Table width	mm	710	710
Drive motor	kW/V/ Hz	1,5 / 230 / 50	1,5 / 230 / 50
Dimension L / W / H	mm	1100 / 1095 / 1840	1100 / 1095 / 1990
Transport L / W / H	mm	860 / 1095 / 1840	860 / 1095 / 1990
Crane eye swivelled	mm	1975	2125
Weight	kg	170	180



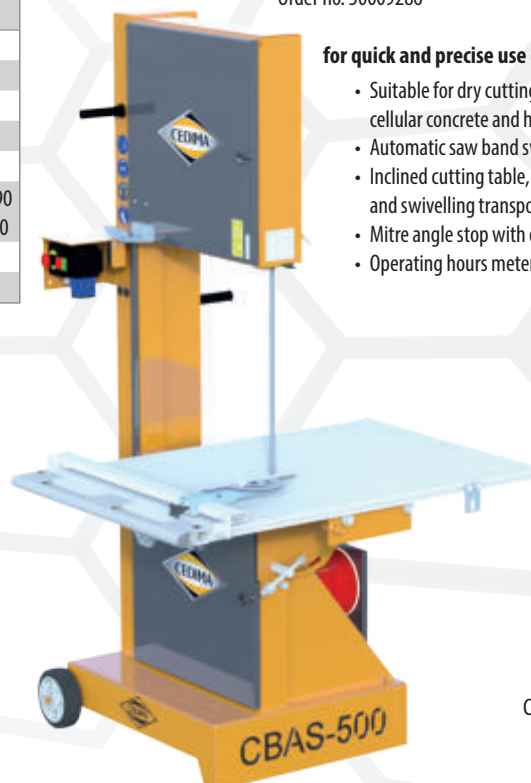
Order no. 50009286

CBAS-500

CBAS-650

for quick and precise use on the construction site

- Suitable for dry cutting of large building blocks of cellular concrete and hollow bricks with low density
- Automatic saw band switch-off after end of cut
- Inclined cutting table, practical handles, large wheels and swivelling transport eyelet for easy relocation
- Mitre angle stop with quick-release lever
- Operating hours meter

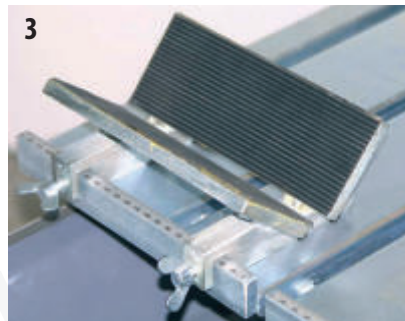
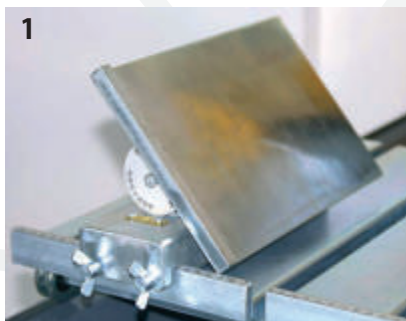


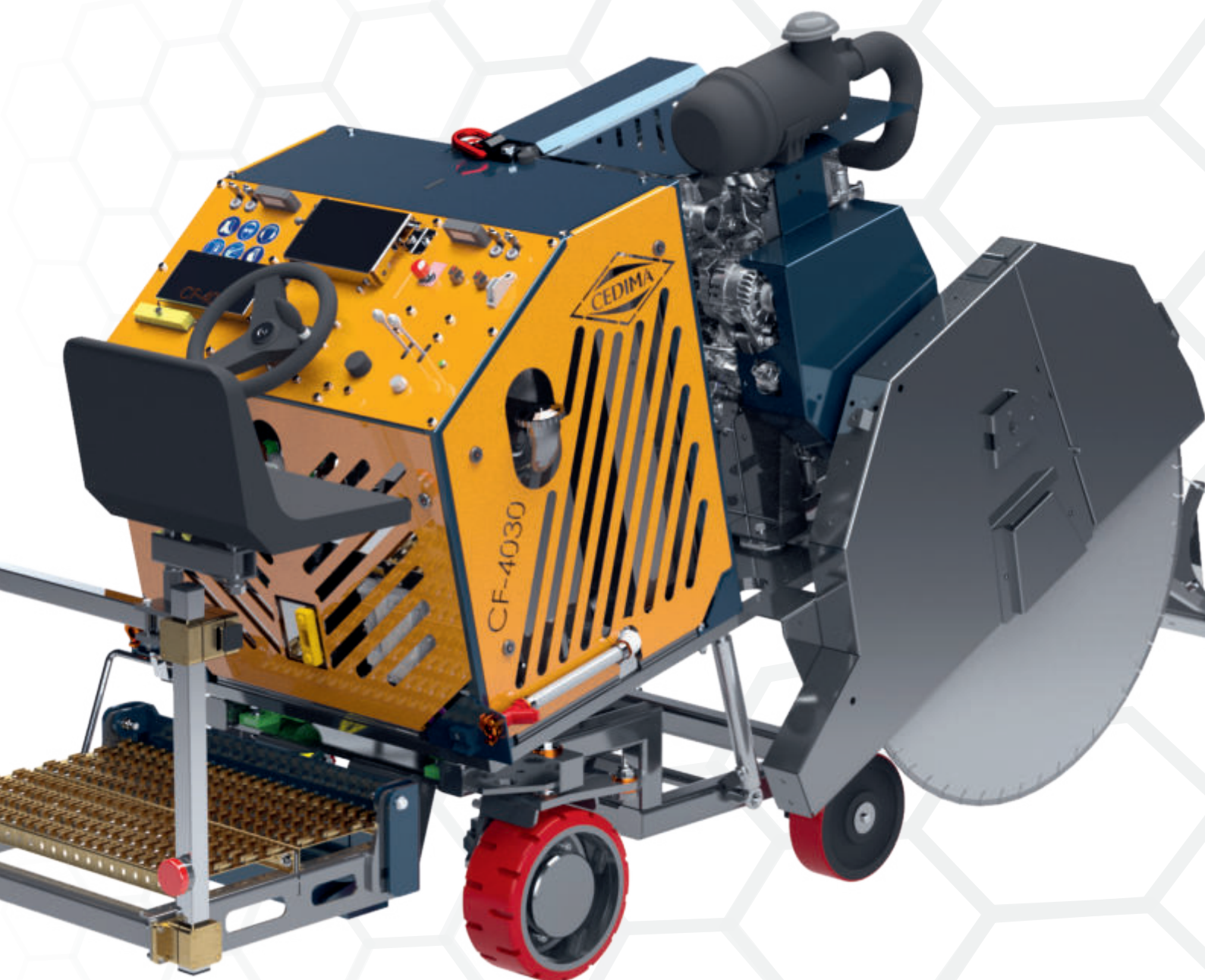
Cutting table in transport position

TABLE SAWS

ACCESSORIES

Pos.	Order no.	For operation with	Description
1	30000228	CTS-56, CTS-175.1, CTS-200	Jolly table for mitre cuts, pivoting by 45° on both sides, with angle scale
2	30000201	CTS-56, CTS-57 G, CTS-26 series, CTS-81, CTS-175.1, CTS-200	Angle stop with scale
3	30000225	CTS-56, CTS-57 G, CTS-81 L, CTS-175.1, CTS-200	Prism for cutting round objects, with rubber mat against torsion
4	30000202	CTS-26 series, CTS-81 L	Auxiliary table with rubber mat for cutting long objects, 614 x 586 mm, with lay-on edge and slide-in feet
5	70008154	CTS-56, CTS-57 G, CTS-26 series, CTS-81 series, CTS-175.1, CTS-200	Electric immersion pump CEP-700 (without connecting plug*) Technical details: 230 V; 50 Hz; 0,4 AMP; 50 W; Protective system: ISO-F IP X8 Feed rate: 11,6 l/min • lifting height: 1,5 m Length of supply: 4 m • dimensions: 71 x 95 x 108 mm
6	70012343	CTS-56, CTS-57 G, CTS-26 series, CTS-81 series, CTS-175.1, CTS-200	Connector IP 68 for electric immersion pump CEP-700 Simplifies the replacement of the water pump
without	70008155	CTS-265.2, CTS-375.3	Electric immersion pump CEP-1600 (without connecting plug*) Technical details: 230 V; 50 Hz; 0,7 AMP; 60 W Protective system: ISO-F IP X8 Feed rate: 25 l/min • lifting height: 2,5 m Length of supply: 4 m • dimensions: 71 x 95 x 123 mm





FLOOR SAWS

FLOOR SAWS

INFORMATION

OVERVIEW

You will come across joint cutters made by CEDIMA in road and highway construction or in the restoration of industrial floors. They are essential for cutting floors and ceilings made of concrete or asphalt by means of diamond saw blades.

A wide range of different types of machines and motors ensure the best possible technical equipment for any kind of cutting operation. Joint cutters are driven either by powerful petrol, diesel or electric motors.

CEDIMA is always working to optimize and expand the technical performance of joint cutters in order to guarantee the operator comfortable working with excellent results. Therefore our qualified staff check and control constantly the cutting performance on our test course.

Joint cutter	Motor output from ... to -kW-	Max. cutting depth from ... to -mm-	Max. blade-Ø from ... to -mm-	Page
Small series	7,3 - 8,7	170 - 200	450 - 500	47
Medium series	10,3 - 41,0	170 - 380	450 - 1000	48 - 51
Fully hydraulic series	55,0 - 82,0	480 - 630	1200 - 1500	52 - 53
Electric series	7,5 - 22,0	170 - 500	450 - 1200	54 - 55
Microtrenching	55,0 - 82,0	--	--	56 - 58



FLOOR SAWS

SMALL SERIES

Small joint cutters for easy tasks in road construction, gardening and landscaping - ideal for rental business

Technical data		CF-13.3 B
Max. cutting depth	mm	195
Blade-Ø	mm	300 - 500
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	13
Max. motor output	kW / PS	8,7 / 11,8
Motor output (net)	kW	8,7*
Motor type		Honda GX-390 (petrol)
Motor starter		reversing start
Cutting depth adjustment		hand wheel
Feed		manual
Contents water tank	l	23
Dimensions L/W/H (transport)	mm	820/520/870 mm (T)
Weight	kg	104

* according to operating instructions motor

Order no. 50008154

CF-13.3 B



- Optimized blade guard for maximum saw blade Ø 500 mm
- Adjustable cutting depth indicator
- Quick, easy change of cutting side

Technical data		CF-1020.1 B
Max. cutting depth	mm	200
Blade-Ø	mm	350 - 500
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	20
Max. motor output	kW / PS	8,7 / 11,8
Motor output (net)	kW	8,7*
Motor type		Honda GX-390 (petrol)
Motor starter		reversing start
Cutting depth adjustment		hand wheel
Feed		manual
Contents water tank	l	22
Dimensions L/W/H (transport)	mm	1290/570/1050 (T)
Weight	kg	121

* according to operating instructions motor

Order no. 50008501

CF-1020.1 B



- Optimized blade guard for better water flow and less adhesion of cutting slurries
- Precise cutting depth adjustment by large handwheel
- Quick, easy change of cutting side
- Water supply via water tank or external pressurised water connection possible
- High steadiness, large wheels

Technical data		CF-1020.1 D
Max. cutting depth	mm	200
Blade-Ø	mm	350 - 500
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	20
Max. motor output	kW / PS	7,3 / 9,9
Motor output (net)	kW	7,3*
Motor type diesel		Hatz 1 B40U-6
Motor starter		reversing start
Cutting depth adjustment		hand wheel
Feed		manual
Contents water tank	l	22 l
Dimensions L/W/H (transport)	mm	1260/570/1050 (T)
Weight	kg	148

* according to operating instructions motor

Order no. 50008502

CF-1020.1 D



- Optimized blade guard for better water flow and less adhesion of cutting slurries
- Precise cutting depth adjustment by large handwheel
- Quick, easy change of cutting side
- Water supply via water tank or external pressurised water connection possible
- High steadiness, large wheels

FLOOR SAWS

MEDIUM SERIES

Self-propelled joint cutters in the medium range

CF-2015 B

Order no. 30000049



Technical data	CF-2015 B	
Max. cutting depth	mm	240
Blade-Ø	mm	400 - 650
Bore hole of blade	mm	25,4
Blade mounting	right or left	
Max. mounting width	mm	20
Max. motor output	kW / PS	15,5 / 21
Motor output (net)	kW	15,5*
Motor type petrol	Honda GX-630	
Motor starter	electric starter	
Cutting depth adjustment	hand crank	
Feed	hydrostatic	
Contents water tank	l	35
Dimensions L/W/H (transport)	mm	1300/750/1050
Weight	kg	280

* according to operating instructions motor

- Constant feed due to hydrostatic travel drive
- Height adjustable handles
- Water supply via cutting shaft
- Large water tank
- Adjustable cutting depth indicator
- Saw blade lift via crank handle
- Mounting of saw blade possible on the right or left side

Accessories CF-2015 B - green concrete conversion kit

Description	Order no.
Green concrete conversion kit for CF-2015 B, max. cutting depth 100 mm, blade-Ø 400 mm	30000110

CF-2011 DE

Order no. 30000050



Technical data	CF-2011 DE	
Max. cutting depth	mm	240
Blade-Ø	mm	400 - 650
Bore hole of blade	mm	25,4
Blade mounting	right or left	
Max. mounting width	mm	20
Max. motor output	kW / PS	10,1 / 13,7
Motor output (net)	kW	10,1*
Motor type diesel	Hatz 1D81	
Motor starter	electric starter	
Cutting depth adjustment	hand crank	
Feed	hydrostatic	
Contents water tank	l	35
Dimensions L/W/H (transport)	mm	1300/750/1050
Weight	kg	330

* according to operating instructions motor

- Constant feed due to hydrostatic travel drive
- Height adjustable handles
- Water supply via cutting shaft
- Large water tank
- Adjustable cutting depth indicator
- Saw blade lift via crank handle
- Mounting of saw blade possible on the right or left side

Accessories CF-20011 DE - green concrete conversion kit

Description	Order no.
Green concrete conversion kit for CF-2011 DE, max. cutting depth 100 mm, blade-Ø 400 mm	30000110

FLOOR SAWS

MEDIUM SERIES

Medium-size joint cutters suitable for cutting in narrow building sites or areas difficult to access up to heavy-duty use on building sites with high daily output

Technical data		CF-2116 D
Max. cutting depth	mm	300
Blade-Ø	mm	600 - 800
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	20
Max. motor output	kW / PS	15,5 / 21
Motor output (net)	kW	14,7*
Motor type diesel		Hatz 2G40
Motor starter		electric starter
Cutting depth adjustment		electro-hydraulic
Feed		hydrostatic
Contents water tank	l	35
Dimensions L/W/H (transport)	mm	1300 / 1000 / 1150
Weight	kg	340

* according to operating instructions motor

- Hydrostatic travel drive
- Large water tank
- Adjustable cutting depth indicator
- Hinged blade guard
- Electro-hydraulic lifting of saw blade
- Mounting of saw blade possible on the right or left side

Order no. 30000051

CF-2116 D



Accessories CF-2116 D - green concrete conversion kit

Description	Order no.	Price €
Green concrete conversion kit for CF-2116 D, max. cutting depth 100 mm, blade-Ø 400 mm	30000053	2.319,00

Technical data		CF-1010 T
Max. cutting depth	mm	110
Blade-Ø	mm	350
Bore hole of blade	mm	25,4
Blade mounting		right
Max. mounting width	mm	20
Max. motor output	kW / PS	15,5 / 21
Motor output (net)	kW	15,5*
Motor type petrol		Honda GX-630
Motor starter		electric starter
Cutting depth adjustment		electro-hydraulic
Feed		hydraulic
Dimensions L/W/H (transport)	mm	1510/750/1650
Weight	kg	510

* according to operating instructions motor

- Integrated cutting depth measurement
- Cutting depth indication in the digital display
- Uniform feed through hydrostatic drive
- Integrated suction unit with 2 cyclone separators
- No cutting slurries - Fast construction completion
- Height-adjustable handles

Order no. 50011688

CF-1010 T

DRY CUTTING
with dust extraction

NEW



FLOOR SAWS

SURFACE MILLING MACHINE

Powerful milling machine for the production of grooved profiles in concrete surfaces or hall floors

CF-246

Order no. 50013242

NEW



Technical data		CF-246 D
Max. milling depth	mm	10
Blade-Ø	mm	300
Bore hole of blade	mm	60 + 3-hole
Max. milling width	mm	400
Speed of milling shaft	min ⁻¹	3000
Max. motor output	kW / PS	14,7 / 20
Motor output (net)*	kW	14,7*
Motor type		Kohler Diesel
Motor starter		electric starter
Cutting depth adjustment		electro-hydraulic
Feed		hydraulic
Dimensions L/W/H (transport)	mm	1447 / 1014 / 1229
Weight	kg	1000

* according to operating instructions motor

Application

After several years surfaces and slatted floors can be worn out. This results in a danger of slipping for the animals by:

- unsteady gait and lameness caused by slipping
- reduced intake of food
- difficult heat identification
- longer period of time between calving and
- overgrown hooves

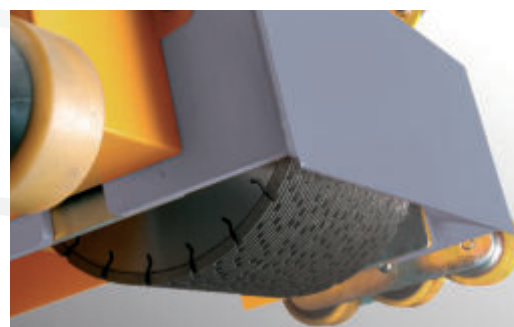
The surface milling machine CF-246 is a special machine for milling grooved profiles in concrete surfaces with diamond saw blades arranged in parallel. By using the surface milling machine the step proofness of slotted floors and solid floors can be recovered.

The milling depth is firmly adjusted by means of 2 height- adjustable and lockable blocks of support rolls that are lowered and lifted with the milling shaft. The arrangement of the rolls directly next to the milling shaft guarantees a constant milling depth also on uneven surfaces.

- no material fractures and thus
- no sharp-edged splinters
- long durability
- high area output in within a very short time
- lower costs with higher daily output due to a milling width of 400 mm

Features

- hydrostatic feed
- milling shaft with precise high-performance bearings
- firm milling depth adjustment with rollers for a constant milling depth
- large, moulded drive wheels
- finely adjustable electro-hydraulic lifting and lowering of the machine via balance
- fine-tuned lowering via manual needle valve
- connection for water supplied under pressure with GEKA-connection and shut-off valve
- cooling of diamond saw blades via several water nozzles arranged in parallel to the milling shaft
- operating hour metre



Fully fitted milling shaft



Grooved profiles in concrete surfaces

FLOOR SAWS

MEDIUM SERIES

Medium-size joint cutters with latest **exhaust emission standard stage 5** suitable for cutting in narrow building sites or areas difficult to access up to heavy-duty use on building sites with high daily output

Technical data		CF-4030 D / B
Max. cutting depth	mm	210 - 410
Blade-Ø	mm	600 - 1000
Speed of cutting shaft		variabel
Bore hole of blade	mm	35 + 6-hole
Blade mounting		right or left
Max. mounting width	mm	20
Max. motor output D [B]	kW / PS	45 / 61,2 [57 / 77,5]
Motor output (net)* D / B	kW	45* / 45 (2500 min ⁻¹)
Motor type diesel		Doosan D18
Motor type petrol		Ford MSG 425
Motor starter		electric starter
Cutting depth adjustment		electro-hydraulic
Feed		hydraulic
Dimensions L/W/H (transport)	mm	1625 / 1275 / 1295
Weight	kg	980

* according to operating instructions motor

Delivery inclusive:

- Blade guard 1000 mm
- Water pump
- Latest exhaust emission standard stage 5
- Telescopic visor
- Cutting shaft set for Ø 600 - 1000 mm
- Electrical cutting depth measurement
- Hydraulic steering
- Fail-safe parking brake

Accessories CF-4030 Series

Description	Order no.
Foodboard and adjustable seat	50003273
Suction plant type 5.5 for CF-4030 series	50011964
Suction blade guard for saw blade-Ø 600 mm	50011690
Green concrete conversion kit CF-4030 D/B	50010840

Order no. 50009738

CF-4030 D



Order no. on request

CF-4030 B



CF-4030 with
suction plant



FLOOR SAWS

FULLY HYDRAULIC SERIES

For long and extensive cutting work in concrete or asphalt with high efficiency

CF-6022

Order no. 50010324



Technical data		CF-6022
Max. cutting depth	mm	480
Blade-Ø	mm	300 - 1200
Bevel cut		stepless to 20 degrees
Speed of cutting shaft	min ⁻¹	930 - 2800
Bore hole of blade	mm	35 + 6-hole
Blade mounting		right or left
Max. mounting width	mm	13
Max. motor output	kW / PS	55,4 / 75,3
Motor output (net)*	kW	55,4* / 2800 min ⁻¹
Motor type diesel		Hatz 4H50TIC
Motor starter		electric starter
Cutting depth adjustment		electro-hydraulic
Feed		hydraulisch
Dimensions L/W/H (transport)	mm	2900 / 950 / 1840
Weight	kg	ca. 1400

* according to operating instructions motor

- Stage V (EU) / TIER 4 (Final) Common-Rail Diesel
- Incl. blade guard 1200 mm
- Fully hydraulic drive of all working functions
- Mounting of saw blade possible on right or left side
- Infinitely variable cutting shaft speed
- Standard auxiliary hydraulics for driving an suction plant

Accessories CF-6022

Pos.	Description	Order no.
--	Suction blade guard for milling/ grooving attachment	30000003
--	Suction blade guard for saw blade-Ø 1000 mm	30000014
--	Suction blade guard for saw blade-Ø 1200 mm	30000015
--	Set of lamps, 2 headlamps	30000021
--	Warning beacon	30001166
1	Longitudinal attachment LS-2	30001059
2	Green concrete attachment	50005167
3	Milling/ grooving attachment	50012117
4	Suction plant type 6.2 hydraulic	50009742
5	Core drilling machine attachment	30000010



Similar pictures!

FLOOR SAWS

FULLY HYDRAULIC SERIES

Premium joint cutter for heavy-duty use in construction with high daily output

- Stage IV (EU) und EPA TIER 4 final (USA)
- Fully hydraulic all-wheel drive
- Blade diameter up to 1500 mm
- Fully hydraulic drive of all working functions
- Mounting of saw blade possible on right or left side
- Infinitely variable cutting shaft speed
- Standard auxiliary hydraulics for driving a suction plant
- A lot of assembly kits and accessories

Order no. 50011692

CF-6030 97 kW

NEU



Accessories CF-6030

Pos.	Description	Order no.
--	Suction blade guard for milling/ grooving attachment	30000003
--	Normal blade guard for saw blade-Ø 1.200 mm	50009620
--	Normal blade guard for saw blade-Ø 1.500 mm	50012027
--	Suction blade guard for saw blade-Ø 600 mm	50011699
--	Suction blade guard for saw blade-Ø 1.000 mm	50011544
--	Suction blade guard for saw blade-Ø 1.200 mm	50011543
--	LED work light with magnetic holder	50001784
--	Warning beacon	30001166
1	Longitudinal attachment LS-2	50012065
2	Green concrete attachment	50010980
3	Milling/ grooving attachment 1.1	50012066
4	Suction plant type 6.3 hydraulic	50009742
5	Core drilling machine attachment	30000010

Technical data		CF-6030
Max. cutting depth	mm	630
Blade-Ø	mm	300 - 1500
Bevel cut		stepless to 20 degrees
Speed of cutting shaft	min ⁻¹	600 - 2800
Bore hole of blade	mm	35 + 6-hole
Blade mounting		right or left
Max. mounting width	mm	13
Max. motor output		97 / 132
Motor output (net)*	kW	97*
Motor type diesel		Doosan D34
Motor starter		electric starter
Cutting depth adjustment		electro-hydraulic
Feed		hydraulisch
Dimensions L/W/H (transport)	mm	3515 / 1320 / 1840
Weight	kg	ca. 2100

* according to operating instructions motor

FLOOR SAWS

ELECTRIC SERIES

For cutting tasks in enclosed spaces in which machines with internal combustion engines may not be used due to exhaust and/or noise protection regulations.

CF-13.2 E

Order no. 50004465



Technical data		CF-13.2 E
Max. cutting depth	mm	95 - 170
Blade-Ø	mm	300 - 450
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	15
Motor output	kW	7,5
Voltage	V / Hz	400 V / 50 Hz
Amperage	A	16
Cutting depth adjustment		hand wheel
Feed		manual
Dimensions L/W/H (transport)	mm	820 / 520 / 870
Weight	kg	106

- saw blade mounting right or left
- adjustable cutting depth indicator and locking brake
- extendable handle for relocating the machine manually

CF-22 E

Order no. 30000055

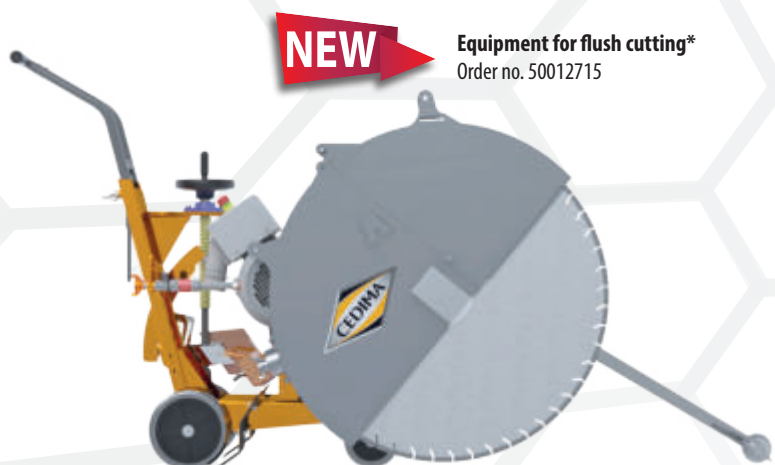


Technical data		CF-22 E
Max. cutting depth	mm	145 - 270
Blade-Ø	mm	450 - 700
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	6
Motor output	kW	7,5
Voltage	V / Hz	400 V / 50
Amperage	A	16
Cutting depth adjustment		hand wheel
Feed		manual
Dimensions L/W/H (transport)	mm	1350 / 660 / 930
Weight	kg	110

- modular constructions in 3 parts for easy transport
- max. blade-Ø 700 mm

CF-22 E 800

Order no. 50008123



Technical data		CF-22 E 800
Max. cutting depth	mm	170 - 320
Blade-Ø	mm	500 - 800
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	10
Motor output	kW	7,5
Voltage	V / Hz	400 V / 50
Amperage	A	16
Cutting depth adjustment		hand wheel
Feed		manual
Dimensions L/W/H (transport)	mm	1420 / 650 / 1025
Weight	kg	126

- modular constructions in 3 parts for easy transport
- optimized blade guard for maximum saw blade Ø 800 mm
- including cutting depth indicator

*) for cuts particularly close to the wall

FLOOR SAWS

ELECTRIC SERIES

For cutting tasks in enclosed spaces in which machines with internal combustion engines may not be used due to exhaust and/or noise protection regulations.

Technical data		CF-2015 E
Max. cutting depth	mm	200 - 350
Blade-Ø	mm	600 - 900
Bore hole of blade	mm	25,4
Blade mounting		right or left
Max. mounting width	mm	20
Motor output	kW	15
Voltage	V / Hz	400 V / 50
Amperage	A	32
Cutting depth adjustment		electro-hydraulic
Feed		hydrostatic
Dimensions L/W/H (transport)	mm	1700 / 750 / 1050
Weight	kg	342

- hinged blade guard for cuts directly to the wall and edges
- economic supply of cooling water via blade flanges
- saw blade mounting right or left

Order no. 30000052

CF-2015 E



Technical data		CF-50.2 E
Max. cutting depth	mm	300 - 500
Blade-Ø	mm	800 - 1200
Bore hole of blade	mm	35
Blade mounting		rechts oder links
Max. mounting width	mm	5
Motor output	kW	15 / 22 switchable
Voltage	V / Hz	400 V / 50
Amperage	A	32 / 63 switchable
Cutting depth adjustment		electro-hydraulic
Feed		hydrostatic
Dimensions L/W/H (transport)	mm	1550 / 940 / 1200
Weight	kg	580

- hinged blade guard for cuts directly to the wall and edges
- supply of cooling water via blade guard
- saw blade mounting right or left
- scope of delivery: 2 blade guards (Ø 800 and 1200 mm) amperage switchable between 32 and 63 A

Order no. 30000067

CF-50.2 E



FLOOR SAWS

MICROTRENCHING

The cost-effective alternative to conventional civil engineering - glass fibre laying within the framework of day construction sites

Order no. 50013096

NEW

- Stufe V (EU) / TIER 4 (Final) Common-Rail Diesel
- Reachable trench depth up to 330 mm
- Reachable trench width up to 30 mm
- for short and medium distances
- Standard configuration with:
 - stainless steel tank
 - lighting kit
 - 900 mm blade guard
- Further technical data: see CF-6022

Microtrenching

In order to lay cables or fibre optic cables in road surfaces, a narrow trench can be milled in only one working step.

The time-consuming „digging up“ of the road can be omitted.

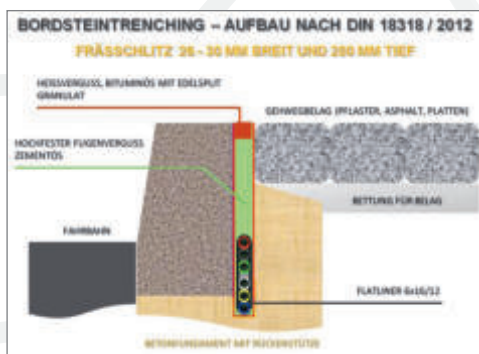
Further information can be found on page 58.



CF-6022 MT curbstone trenching

- Factory assembly only for new orders!

Order no. 50007628



FLOOR SAWS

MICROTRENCHING

The cost-effective alternative to conventional civil engineering - glass fibre laying within the framework of day construction sites

- Stage IV (EU) und EPA TIER 4 final (USA)
- Fully hydraulic all-wheel drive
- Reachable trench depth up to 420 mm
- Reachable trench width up to 30 mm
- For long distances
- 1100 mm microtrenching blade guard
- Microtrenching shaft
- Optionally available:
 - Plastic water tank
 - Lighting set
- Further technical data: see CF-6030

Order no. 50011694

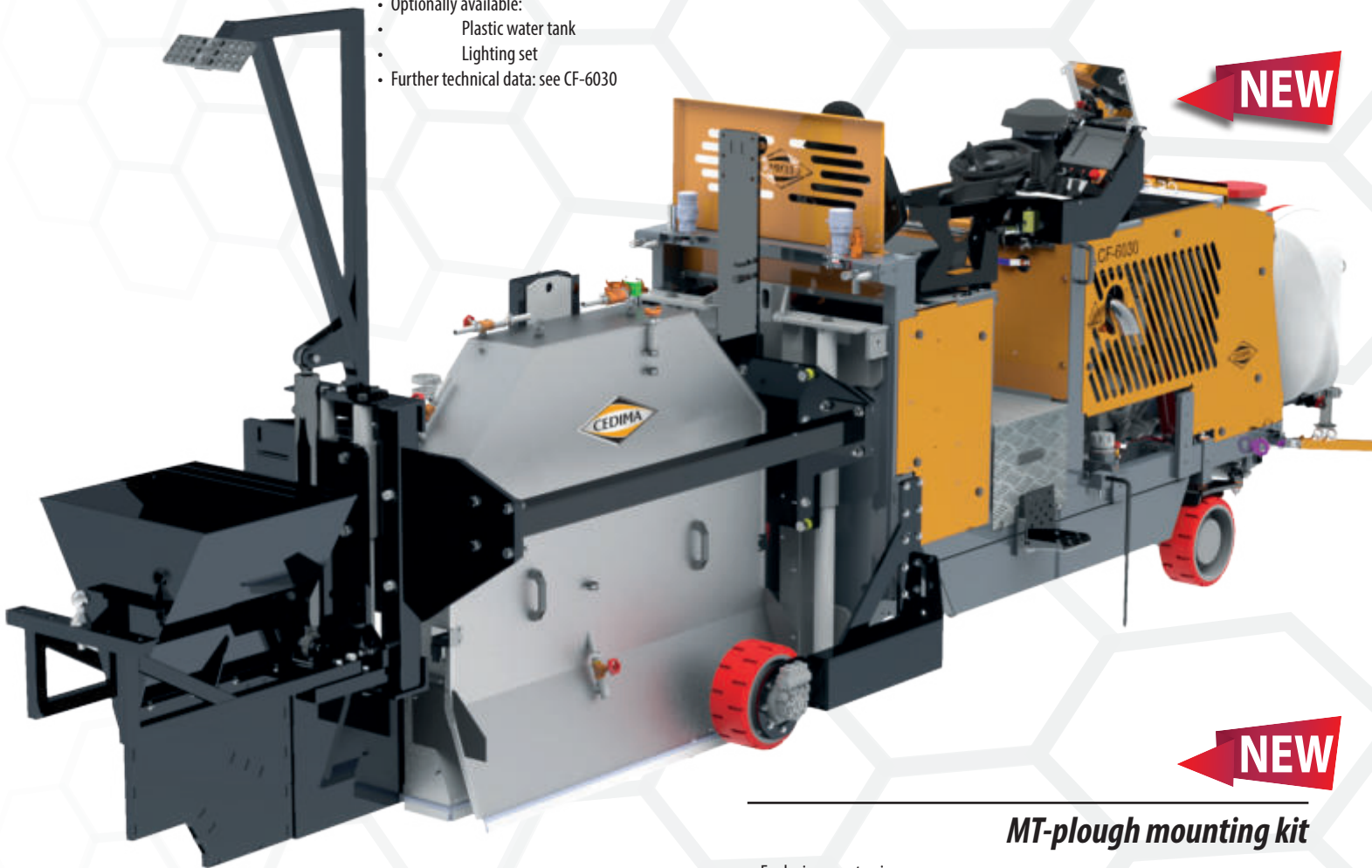
CF-6030 MT 82 kW

Side cut

Order no. 50011695

CF-6030 MT 97 kW

Middle cut



NEW

MT-plough mounting kit

- For laying empty pipes



CEDIMA Microtrenching-tools

- Individual degrees of hardness for different substrates
- Different package thicknesses for all common joint widths
- Blade diameter from 800 - 1000 mm (depending on cutting depth)

FLOOR SAWS

INFO MICROTRENCHING

What is Microtrenching ?

Microtrenching is a cost-effective alternative to conventional civil engineering. During the expansion and modernization of communication networks, trenches are milled in roads or sidewalks in order to lay fiber optic cables. This trench only has the required width and height for the material to be laid. A large-scale opening of the asphalt, which would entail an enormous expenditure of time and money and would be particularly difficult in urban areas, is not required with this variant. The microtrenching process can reduce cable laying costs by up to 75%.

In addition, roads that are otherwise blocked over a long period of time can be quickly reopened. This method avoids the problem of bagging the filling materials when the asphalt is open over a large area. A trench with a maximum width of 30 mm and a maximum depth of 300 mm is cut into the road. Empty pipes are then laid into which glass fibre pipes are blown.



Advantages of Microtrenching

1. No torn cutting edges due to diamond saw blades

In contrast to trench cutters, where the surface is milled with carbide bits, the joint cutter uses diamond saw blades. This is an advantage, as the carbide chisel process often results in torn cutting edges. This effect is significantly reduced by the „grinding process“ of the diamond saw blades.

2. Trench widths can be adjusted individually

In CEDIMA microtrenching, several saw blades are placed next to each other until the desired trench width is achieved. Depending on the requirements, the widths can vary and it is possible to lay different types of cables at the same time.



**Would you like to see
CEDIMA-Microtrenching in action?**

Scan QR code now and watch our operation videos on YOUTUBE





CORE DRILLING TECHNOLOGY

CORE DRILLING TECHNOLOGY

INFORMATION

OVERVIEW

Cedima offers an effective drilling technology for the varying fields of application in the core drilling technology. It is a high-performance technology, highly flexible for being able to adapt to the different drilling works. The convincing technology and the easy handling of the machines enable drilling without any problems in almost all materials.

The product line includes drill columns with all necessary accessories as well as drilling motors or drill trailers. For being able to correspond to the different requirements and drilling conditions the CEDIMA drill columns can be equipped with different components. The propositions of combination illustrate the optimum solution for achieving the best possible drilling result.

Core drilling technology	Type	Max. drill-Ø from - to -mm-	Page
Drill trailer	for the removal of drill cores from roadways or runways	400 - 600	61
Drill motors electrical	electric drill bit drives	160 - 500	62 - 63
Drill columns	and application examples for complete core drilling units	150 - 800	64 - 65
Double column drilling machine	with hydraulic drive for drilling large, round openings	1250	66
Hydraulic drill motors	hydraulic drill bit drives with drill spindle	151 - 800	67
Motor mounting plates	required for mounting the drill motors on the drill column	--	68
Accessories core drilling technology	general accessories, re-tipping of drill bits, drill bit extensions, transition piece	--	69 - 70



CORE DRILLING TECHNOLOGY

DRILL TRAILER

Collision protection
Now available for all
CEDIMA drill trailers!
(Factory assembly only for new orders!)



BW-300	BW-400	BW-443	Technical data
30001150	30001137	50008892	Order no.
400	400 / 600*	400	mm Max. drill-Ø
600	600	600	mm Max. lifting
550	550	550	mm Max. usable length of drill bit
11/4" UNC-pin	11/4" UNC-pin	11/4" UNC-pin	Drill bit connection
7,6	15,5	8,7 + 15,5	kW Motor output
Honda GXV-390 (petrol)	Hatz 2 G 40 (diesel)	Honda GXV-390 + Hatz 2 G 40 (petrol) + (diesel)	Motor type
300	300	300	l Contents water container
mechanical	electric	electric	Water pump
mechanical (2-speed-gear)	hydraulic	hydraulic	Drive of drill bit
3300 / 1660 / 1800	3300 / 1700 / 1830	4541/1815/2470(1870)	mm Dimensions L/W/H
700 / 1200	920 / 1500	1300 / 1800	kg Weight (unloading/permissible)
--	--	4.3 mechanical	Suction system
--	--	yes, hydraulic drive	Self-driving
optional	optional	standard equipment	Immobilizer

* Distance plate type T required

The BW-445 is a variant of the successful CEDIMA drill trailer BW-443 with optimized operation and additional features for self-sufficient working without additional equipment, such as:

- 2 diesel engines for drilling/travelling drive and extraction system
- therefore only 1 fuel type required
- Dirty water tank for sucked off drilling mud on board
- Larger drilling lift due to extended hydraulic cylinder



Drill trailer BW-445

Order no. 50010908

NEW

Delivery time on request!

Accessories drill trailers



Description	BW type	Delivery	Order no.
Collision protection BW-300 - only assembly at works for new machine order	BW-300	optional	50006393
Centering device BW-300 - only assembly at works for new machine order	BW-300	optional	30000865
Collision protection BW-400 - only assembly at works for new machine order	BW-400	optional	50009367
Centering device BW-400 - only assembly at works for new machine order	BW-400	optional	50009368
Demolition hammer	BW-400	optional	50001132
Conversion kit auxiliary hydraulics for demolition hammer	BW-400	optional	50009971
Hydraulic motor H-100 for drilling Ø 80 - 300 mm in concrete, up to 400 mm in asphalt	BW-400	serial	30001036
Hydraulic motor H-230 for drill-Ø 300 - 600 mm (distance plate type T required)	BW-400	optional	30001035
Distance plate type T for drill-Ø > 400 - 600 mm	BW-400	optional	30000699

CORE DRILLING TECHNOLOGY

DRILL MOTORS

Drill-Ø up to 160 mm



Delivery of our drilling motors drill-Ø up to 160 mm incl. transport case!

Technical data		C-BMH-160	DK-17 EL	C-EBM33FNT
Order no.		30001108	30000793	50004981
Drill-Ø from-to (in abrasive materials)	mm	16-160	16-160	15-150
	mm	--	230	--
Speed of rotation	min ⁻¹	600 / 980 / 2780	540 / 1200 / 2520	520 / 1400 / 2900
Motor output	kW	2	2	2,2
Voltage	V / Hz	230 / 50~60	230 / 50	230 / 50~60
Connecting thread		R ½" + 1 ¼" UNC	R ½" + 1 ¼" UNC	1 ¼" UNC + R ½"
Dimensions L/W/H	mm	437 x 115 x 289	300 / 100 / 425	440 x 285 x 100
Weight	kg	6,4	6,3	5,8
Suitable drill columns		H-150, P-250	H-150, P-250	H-150, P-250

Drill-Ø up to 350 mm



Technical data		C-EBL33L	DK-32 EL	C-BMS-350
Order no.		50005238	30000781	30001109
Drill-Ø from-to (in abrasive materials)	mm	20-300	50-350	45 - 350
	mm	--	400	--
Speed of rotation	min ⁻¹	300 / 520 / 1700	230 / 480 / 720	270 / 480 / 780
Motor output	kW	2,5	3,2	3,5
Voltage	V / Hz	230 / 50~60	230 / 50	230 / 50~60
Connecting thread		1 ¼" UNC + R ½"	1 ¼" UNC	1 ¼" UNC
Dimensions L/W/H	mm	562 x 100 x 150	140 / 110 / 490	545 x 150 x 210
Weight	kg	7,0	11,9	11,8
Suitable drill columns		P-250, P-3000	P-250, P-3000, P-500, P-6000	P-250, P-3000, P-500, P-6000

CORE DRILLING TECHNOLOGY

DRILL MOTORS



Drill-Ø up to 500 mm

C-BBM33L EXTRA	C-DX5L	DK-52	Technical data	
30000783	50005239	30000801	Order no.	
45 - 450	50-500	101 - 500	mm	Drill-Ø from-to (in abrasive materials)
--	--	--	mm	
180 / 430 / 750	100 / 250 / 500	130 / 260 / 410	min ⁻¹	Speed of rotation
3,3	5,2	5,2	kW	Motor output
230 / 50~60	400 / 50~60	400 / 50	V / Hz	Voltage
1 ¼" UNC	1 ¼" UNC	1 ¼" UNC		Connecting thread
509 x 168 x 142	616 x 168 x 149	160 / 340 / 570	mm	Dimensions L/W/H
13,2	22,5	22,5	kg	Weight
P-3000, P-500, P-6000	P-3000, P-500, P-6000	P-3000, P-500, P-6000	Suitable drill columns	

PIPE DRILLING MASHINE

NEW

ROBO-354 with C-BMS-350

Order no. 50013159



Core drilling machine for drilling connection holes in concrete pipes in 2 versions with different electric drill motors.

Technical data		ROBO-354
Max. drill-Ø	mm	350
Max. lifting	mm	450
Min. Ø concrete pipe	mm	450
Dimensions L / W	mm	510 / 430
Height with ground frame	mm	1000
Height without ground frame	mm	1050
Weight	kg	39,5

- Sturdy double-column construction
- Mounting plate for electric drilling motors included
- Feed crank attachable in 2 positions
- Water supply with pressurised water tank (order No. 30000640) possible

Fastening with tensioning strap or ground frame with 2 ground nails
(Each included in the set!)

ROBO-354 with DK-32 EL

Order no. 50013238



CORE DRILLING TECHNOLOGY

DRILL COLUMNS

Drill-Ø up to 400 mm

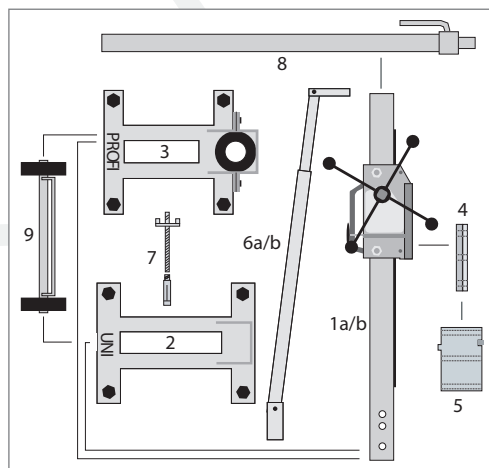


Technical data		H-150 for collar motors	P-250 incl. mounting plates type Z and type U	P-3000 incl. carriage, without dowel foot
Order no.		30000597	30001106	30000599
Max. drill-Ø (with telescopic support)	mm	150	250	300
	mm	--	--	400
Max. lifting (with longer drill column)	mm	580	660	610
	mm	--	--	1620
Dimensions L/W/H	mm	385 / 225 / 680	390 / 248 / 970	310 / 220 / 945*
Diagonal drilling		up to 45° infinitely	up to 45° infinitely	up to 45° infinitely
Weight	kg	8	14,1	14,5(UNI) 17 (PROFI)
Suitable drill motors		C-BMH-160, DK-17 EL, C-EBM33FNT	C-BMH-160, DK-17 EL, C-EBM33FNT C-EBL33L, DK-32 EL, C-BMS-350	C-EBL33L, DK-32 EL, C-BMS-350, C-BBM33L Extra, C-DXSL, DK-52

Maximum drill-Ø for P-250 / P-3000

	C-BMH-160	DK-17 EL	C-EBM33FNT	C-EBL33L	DK-32 EL	C-BMS-350	C-BBM33L Extra	C-DXSL	DK-52
P-250 max. drill-Ø mm (abrasive)	160 (160)	160 (200)	150	250	250 (250)	250 (250)	--	--	--
P-3000 max. drill-Ø mm with mounting plate Type C	--	--	--	300	340 UNI 350 Profi	350 UNI 350 Profi	300	300	340 UNI 370 Profi
P-3000 max. Bohr-Ø mm with mounting plate Type C + 60 mm distance plate Type P	--	--	--	--	350 UNI	--	400	400	400

Note: The specified maximum drill diameter can be limited by the design, the drill bit, or the maximum permissible drill diameter for the respective drill motor.



Example application / options P-3000

Pos.	Description	Order no.
1a	drill column P-3000, lifting 610 mm, with carriage without steel dowel foot	30000599
1b	drill column P-3000, lifting 1620 mm, without carriage and steel dowel foot	50009369
2	steel dowel foot version UNI with pivot joint	30000601
3	steel dowel foot version PROFI with swivel and pivot joint	30000602
4	motor mounting plate type C	50005128
5	distance plate type P for drill-Ø extension by 120 mm (60 mm thick)	30000619
6a	telescopic support for drill column with 610 mm lifting, drill-Ø exceeding 300 mm	30000603
6b	telescopic support for drill column with 1620 mm lifting, drill-Ø exceeding 300 mm	30000604
7	DS-350 - dowel set for fixing the drill column	30000667
8	quick-tensioning column for bracing (1,7m - 3,0m, 500 kg loading capacity)	30000593
9	wheel kit universal	30000595

CORE DRILLING TECHNOLOGY

DRILL COLUMNS

Drill-Ø up to 800 mm



P-500	P-6000		Technical data
30001107	30000607		Order no.
500	600	mm	Max. drill-Ø
--	800	mm	(with telescopic support)
690	570	mm	Max. lifting
--	1570	mm	(with longer drill column)
425 / 245 / 1005	80 / 80 / 570*	mm	Dimensions L/W/H
up to 45° infinitely	up to 45° infinitely		Diagonal drilling
17,9	28,5	kg	Weight
DK-32 EL, C-BMS-350, C-BBM33L Extra, C-DX5L, DK-52	DK-32 EL, C-BMS-350, C-BBM33L Extra, C-DX5L, DK-52		Suitable drill motors

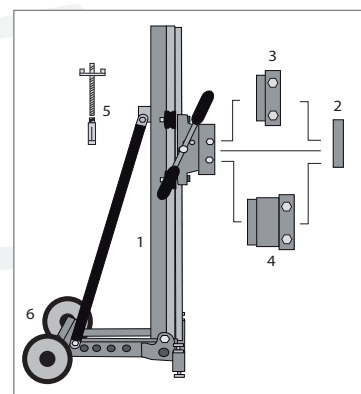
Maximum drill-Ø P-500 / P-6000

	DK-32 EL	C-BMS-350	C-BBM33L Extra	C-DX5L	DK-52
P-500 max. drill-Ø mm with mounting plate Type U	350	350	380	380	370
P-500 max. drill-Ø mm with mounting plate Type U + 45 mm distance plate Type Y	400 (abrasiv)	--	450	470	460
P-500 max. drill-Ø mm with mounting plate Type U + 100 mm distance plate Type X	--	--	--	500	500
P-6000 max. drill-Ø mm with mounting plate Type C	350	350	420	420	410
P-6000 max. drill-Ø mm with mounting plate Type C + 60 mm distance plate TypeP (abrasive)	350 (400)	--	450	500	500

Note: The specified maximum drill diameter can be limited by the design, the drill bit, or the maximum permissible drill diameter for the respective drill motor.

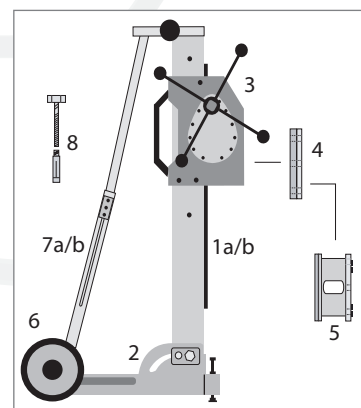
Example application / options P-500

Pos.	Description	Order no.
1	drill column P-500	30001107
2	incl. mounting plate type U (for electric drill motors)	70012073
3	mounting plate type Y (for drill-Ø extension by 45 mm)	30001129
4	mounting plate type X (for drill-Ø extension by 100 mm)	30001131
5	DS-350 - dowel set for fixing the drill column	30000667
6	wheel kit for P-500	50001313



Example application / options P-6000

Pos.	Description	Order no.
1a	drill column P-6000 with carriage and steel dowel foot, integrated fine feed, lifting 570 mm	30000607
1b	drill column P-6000 with carriage and steel dowel foot, integrated fine feed, lifting 1570 mm	50009370
2	steel dowel foot	30000609
3	carriage with integrated fine feed and star handle	30000608
4	mounting plate type C	50005128
5	distance plate type P for drill-Ø extension by 120 mm (60 mm thick)	30000619
6	wheel kit	30001135
7a	telescopic support with additional handles for drill column with 570 mm lifting, drill-Ø above 600 mm	30000612
7b	telescopic support with additional handles for drill column with 1570 mm lifting, drill-Ø above 600 mm	30000613
8	DS-800 dowel set for fixing the drill column	30000728



CORE DRILLING TECHNOLOGY

DOUBLE COLUMN DRILLING MACHINE

Drill-Ø up to 1250 mm



Example application / options P-12500

Pos.	Order no.	Description
P-12500-assembly set		
1		dowel foot with 2 displaceable rolls
2		drilling travers
3		connecting shaft for feed
4		distance tube for stabilization of the drill columns
5		2 supports for drill columns with 570 mm lifting
6		2 mounting plates for drilling traverse with dove tail
7		2 freely positionable, displaceable pressure rolls
8	30000610	drill column without carriage, lifting 570 mm (2 pieces required)
9	30000608	carriage with integrated fine feed and star handle (2 pieces required)
10	30001138	BSP-4 - drill spindle with hydraulic motor, 315 cm ³ ; 6-hole connection
11	50008713	HAG-12.12 - hydraulic power pack
12	30000636	set of hoses 2-parts, 5 m long
5a	30000613	supports for drill columns with 1570 mm lifting (2 pieces required)
8a	30000611	drill column without carriage, lifting 1570 mm (2 pieces required)
10a	30000701	BSP-4 - drill spindle with hydraulic motor, 500 cm ³ ; 6-hole connection

Note:

A ready-to-use set consists of all components of the following items 1 - 12.

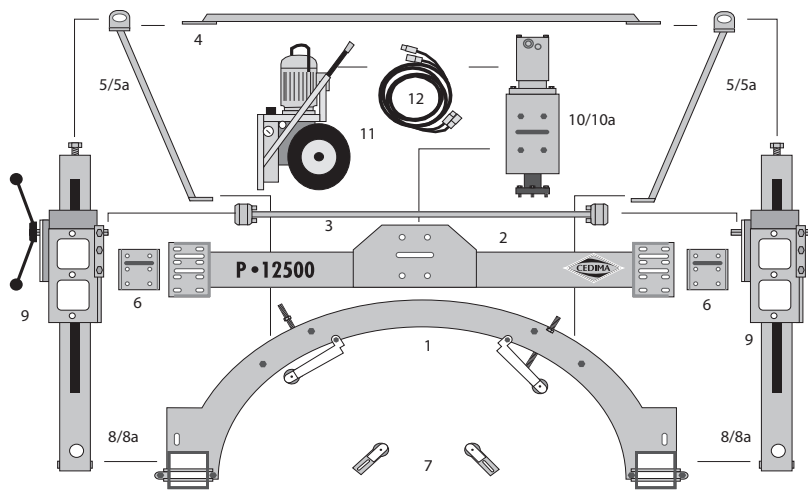
For special tasks, such as maximum drill Ø or very deep drillings, the optional components (a) replace those from the insert set.

Technical data

P-12500		
Max. drill-Ø	mm	800
(with telescopic support)	mm	1250
Max. lifting	mm	550
(with longer drill column)	mm	1550
Dimensions L/W/H	mm	885 / 1610 / 980 (1550)
Diagonal drilling		--
Weight	kg	175

Drill-Ø

oil consumption hydraulic motor	HAG-12.12 & HAG-12.22
315 cm ³ /u	300 - 900 mm
500 cm ³ /u	500 - 1250 mm



CORE DRILLING TECHNOLOGY

HYDRAULIC DRILL MOTORS

Drill-Ø up to 800 mm

HM-51	HM-101	HM-161	HM-231	HM-360	Technical data	
30001069	30001070	30001071	30001072	30001122	Order no.	
51 - 151	121 - 300	201 - 400	300 - 600	400 - 800	mm	Drill-Ø from-to
900	610	370	260	190	min ⁻¹	Max. rpm
600 / 800	306 / 450	184 / 270	132 / 193	83 / 122	min ⁻¹	rpm of HAG-12.12 30l / 40l
45	60	60	60	60	l/min	Max. oil flow
50	98	163	228	360	cm ³ /u	Oil consumption
185/255/260	185/255/260	185/255/260	185/255/260	220/185/280	mm	Dimensions L/W/H
10,1	10,5	11,0	11,7	19,5	kg	Weight
P-6000	P-6000	P-6000	P-6000	P-6000	Suitable drill columns	

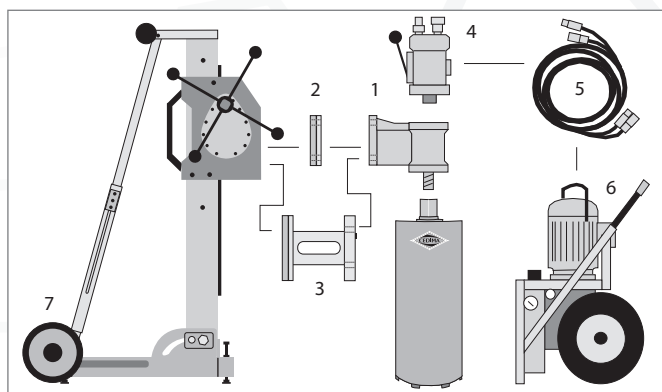


Hydraulic drill motor with drill spindle BSP-3 and mounting plate type S

Max. drill-Ø P-6000 - hydraulic

	BSP-3 with mounting plate Type S	BSP-3 with mounting plate Type K
Max. Drill-Ø mm	590	800

Example application / options P-6000 - hydraulic



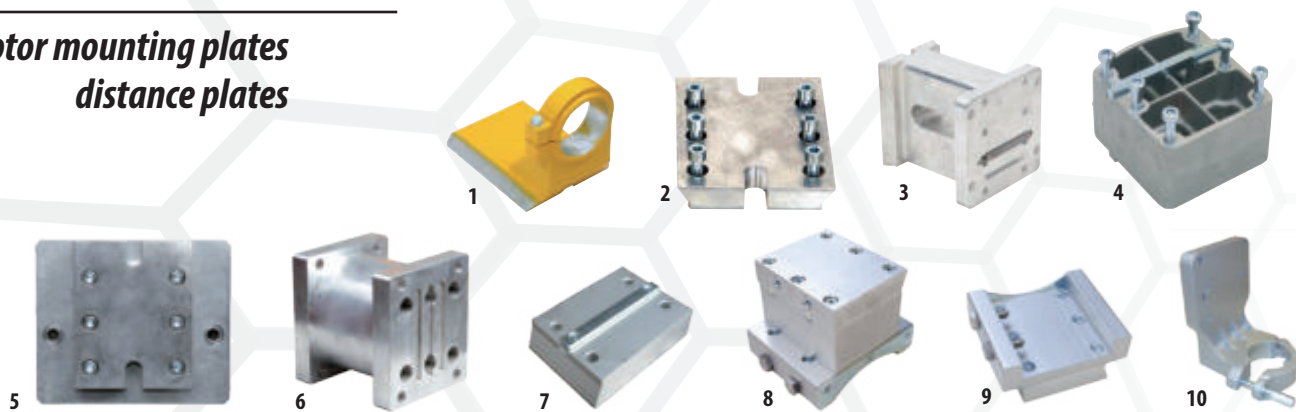
Pos.	Description	Order no.
1	BSP-3 drill spindle for hydraulic drill motors HM-51 up to HM-360	30001136
2	mounting plate type S for BSP-3	30000629
3	combined motor mounting/ - distance plate type K for BSP-3 (drill-Ø extension by 300 mm)	30000627
4	hydraulic drill motor (see table below)	--
5	hose packet 2-parts, 5 m long, with quick couplings	30000636
6	hydraulic power pack HAG-12.12	50008713
7	wheel set	30001135



CORE DRILLING TECHNOLOGY

MOTOR MOUNTING PLATES - DISTANCE PLATES

Motor mounting plates distance plates



Pos.	Description	Operation with drill column	Order no.
1	mounting plate Type B for drill motors with adapter collar C-BMH-160, DK-17EL, C-EBM33FNT	P-3000	30000630
2	mounting plate Type C for drill motors C-EBL33L, DK-32 EL, C-BMS-350, C-BBM33L Extra, C-DX5L, DK-52	P-3000, P-6000	50005128
3	combined mounting-distance plate Type K for drill-Ø extension by 300 mm (thickness 170 mm)	P-6000 with drill spindle BSP-3 hydr.	30000627
4	distance plate Type P for drill-Ø extension by 120 mm (thickness 60 mm)	P-3000 und P-6000	30000619
5	mounting plate Type S for BSP-3	P-3000, P-6000 with BSP-3 hydr.	30000629
6	distance plate Type T for drill-Ø > 400-600 mm	BW-400	30000699
7	mounting plate Type U	included in delivery P-250 and P-500	70012073
8	distance plate Type X for drill-Ø extension by 200 mm (thickness 100 mm)	P-500	30001131
9	distance plate Type Y for drill-Ø extension by 90 mm (thickness 45 mm)	P-500	30001129
10	mounting plate Type Z (drill motors with adapter collar) - included in delivery P-250	all in combination with Type C or Type U	30001130

On the CEDIMA **H-150** drill column, the mounting for the drilling motors with clamping collar C-BMH-160, DK-17EL, C-EBM33FNT is a fixed component of the guide carriage.
No further mounting or distance plates are necessary or possible.

Possible drill motor-plate combinations

Drill column	P-250 delivery Type Z and Type U		P-3000		P-500 delivery Type U		P-6000	
	Plate	Order no.	Plate	Order no.	Plate	Order no.	Plate	Order no.
C-BMH-160 - mounting plate	Type Z	30001130	Type B	30000630				
DK-17 EL - mounting plate	Type Z	30001130	Type B	30000630				
C-EBM33FNT - mounting plate	Type Z	30001130	Type B	30000630				
C-EBL33L - mounting plate	Type U	70012073	Type C	50005128	Type U	70012073		
DK-32 EL - mounting plate	Type U	70012073	Type C	50005128	Type U	70012073	Type C	50005128
distance plate 45 mm for drill-Ø + 90 mm	--	--	--	--	Type Y	30001129	--	--
distance plate 120 mm for drill-Ø + 240 mm	--	--	Type P	30000619	--	--	Type P	30000619
C-BMS-350 - mounting plate	Type U	70012073	Type C	50005128	Type U	70012073	Type C	50005128
distance plate 45 mm for drill-Ø + 90 mm	--	--	--	--	Type Y	30001129	--	--
C-BBM33L Extra			Type C	50005128	Type U	70012073	Type C	50005128
distance plate 45 mm for drill-Ø + 90 mm			--	--	Type Y	30001129	--	--
distance plate 120 mm for drill-Ø + 240 mm			Type P	30000619	--	--	Type P	30000619
C-DX5L - mounting plate			Type C	50005128	Type U	70012073	Type C	50005128
distance plate 45 mm for drill-Ø + 90 mm			--	--	Type Y	30001129	--	--
distance plate 100 mm for drill-Ø + 200 mm			--	--	Type X	30001131	--	--
distance plate 120 mm for drill-Ø + 240 mm			Type P	30000619	--	--	Type P	30000619
distance plate 170 mm for drill-Ø + 300 mm			--	--	--	--	Type K	30000627
DK-52 - mounting plate			Type C	50005128	Type U	70012073	Type C	50005128
distance plate 45 mm for drill-Ø + 90 mm			--	--	Type Y	30001129	--	--
distance plate 100 mm for drill-Ø + 200 mm			--	--	Type X	30001131	--	--
distance plate 120 mm for drill-Ø + 240 mm			Type P	30000619	--	--	Type P	30000619
distance plate 170 mm for drill-Ø + 300 mm			--	--	--	--	Type K	30000627

Note: When selecting the distance plates, please always observe the permissible maximum drill bit Ø of the drill motor.

CORE DRILLING TECHNOLOGY

ACCESSORIES

General accessories



Pos.	Description	Operation with	Order no.
11	DS-350, anchoring dowel set for drill-Ø up to 350 mm (incl. 25 dowels)	all drill columns	30000667
12	DS-800, anchoring dowel set for drill-Ø up to 800 mm (incl. 10 dowels)	all drill columns	30000728
13	anchor bolts-set of tools	DS-800, anchoring dowel set	30000665
14	easy-release ring motor-drill bit/ motor up to 3 kW	motor connection 1¼" UNC pin	30000805
15	easy-release ring motor-drill bit/ motor larger than 3 kW, 2-parts version	motor connection 1¼" UNC pin	30000806
16	VP-150 vacuum plate	P-1500, P-250	30001149
17	VPU-206 - vacuum pump 230 V, 100 l/min	H-150, VP-150	30000633
18	wheel assembly set universal	P-3000	30000595
19	wheel assembly set	P-500	50001313
20	water flow display (to control the water flow discharge of cooling water)	core drilling- and wall saw technology	50004130
21	compressed-water reservoir 10 l with hose of 5 m	motors with water connections	30000640
22	quick-tensioning column for bracing (1,7m - 3,0m, 500 kg loading capacity)	all drill columns	30000593
23	WSR, water collecting ring with holder, up to drill-Ø 161 mm	all drill columns	30001193
24	copper rings for 1¼" UNC, (50 pieces per set)	for easy release of drill bit	90001153
25	telescopic drilling support, usable length 300 - 350 mm	drill motor DK-17, C-BMH-160	30000642

Accessories for re-tipping of drill bits



Pos.	Description	Operation with	Order no.
26	soldering magnet for 0,5; 0,75; 1,0; 1,25 mm segment protrusion		30000581
27	soldering magnets in a wooden box (1 set = 16 pcs.)		30000582
28	flux (0,5 kg)		30000584
--	silver solder Ø 1 mm for soldering diamond segments (1 set = 50 rods)		30000583

CORE DRILLING TECHNOLOGY

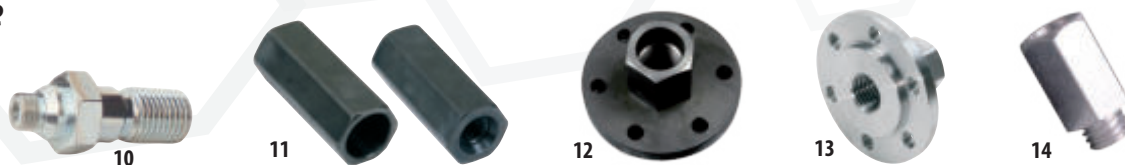
ACCESSORIES

Drill bit extensions

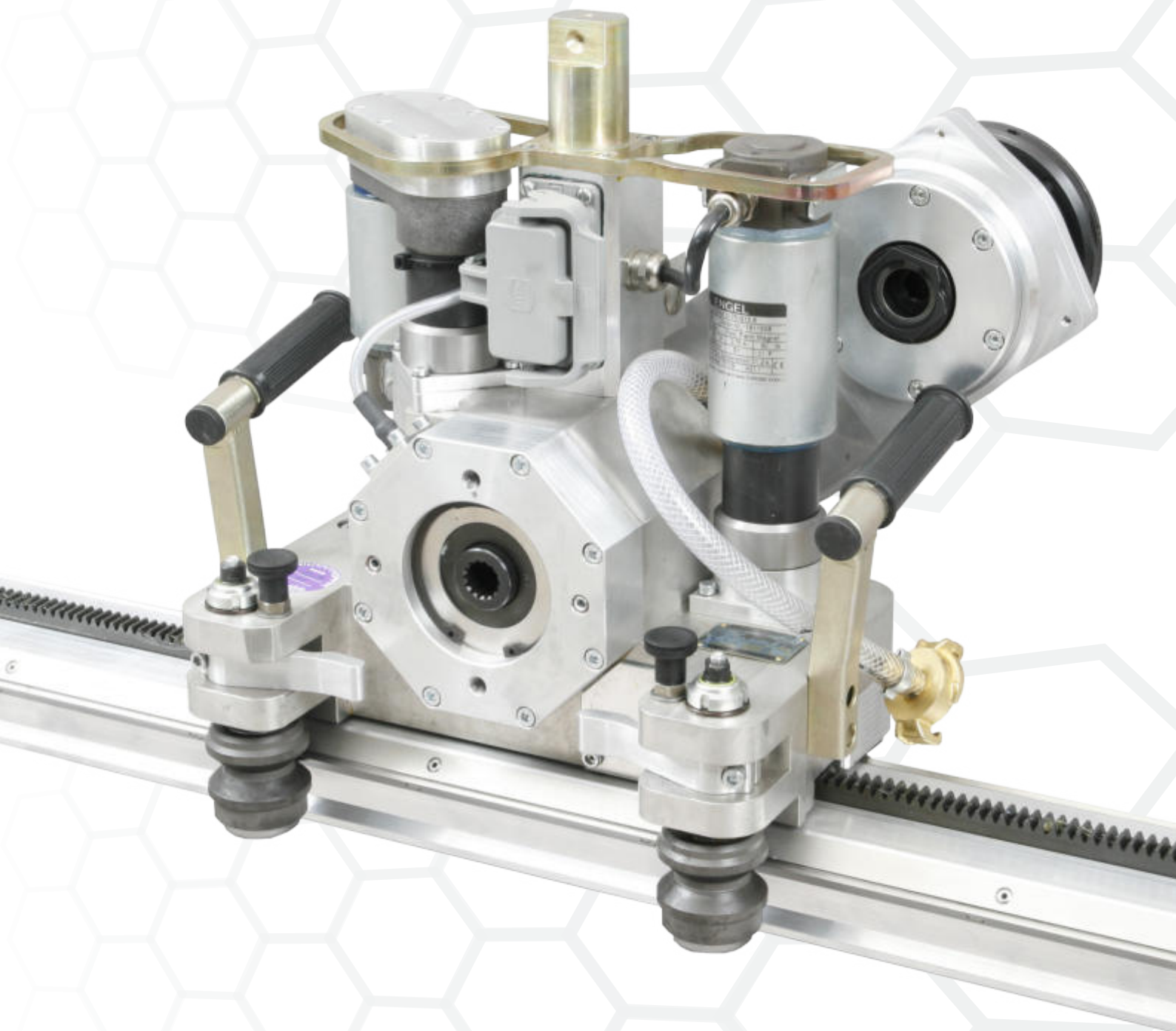


Pos.	Description	Operation with	Order no.
1	100 mm drill bit extension made of steel with 1¼" UNC; Ø 47 mm	motor/drill bit connection 1¼" UNC	30000656
2	200 mm drill bit extension made of steel with 1¼" UNC; Ø 47 mm	motor/drill bit connection 1¼" UNC	30000657
3	300 mm drill bit extension made of steel with 1¼" UNC; Ø 47 mm	motor/drill bit connection 1¼" UNC	30000658
4	500 mm drill bit extension made of steel with 1¼" UNC; Ø 47 mm	motor/drill bit connection 1¼" UNC	30000659
5	300 mm drill bit extension made of steel with R½"; Ø 30 mm	motor/drill bit connection R½"	30000676
6	500 mm drill bit extension made of steel with flange connection	drill bits with 6-hole-flange connection	30000725
7	1000 mm drill bit extension made of steel with flange connection	drill bits with 6-hole-flange connection	30000726
8	300 mm drill bit extension made of aluminium with 1¼" UNC; Ø 47 mm	motor/drill bit connection 1¼" UNC	30000661
9	500 mm drill bit extension made of aluminium with 1¼" UNC; Ø 47 mm	motor/drill bit connection 1¼" UNC	30000662

Transition piece



Pos.	Description	Operation with	Order no.
10	transition drill motor R½" bushing to drill bit 1¼" UNC bushing	motor with connection R½" bushing	30000660
11	transition drill motor 1¼" UNC pin to drill bit R½" pin	motor with connection 1¼" UNC pin	30000675
12	transition drill motor M33/3 to drill bit with 6-hole-flange connection	SR-75 (SW 46)	30000580
13	transition drill motor 1¼" UNC pin to drill bit with 6-hole-flange connection	drill bits with 6-hole-flange connection (SW 41)	10003507
--	transition drill motor 1¼" UNC pin to drill bit with 6-hole-flange connection (cured), particularly suitable for operation with powerful electric motors	drill bits with 6-hole-flange connection (SW 41)	30000579
14	transition M16 external thread to M14 internal thread	angle grinder	30001020



WALL SAW TECHNOLOGY

WALL SAW TECHNOLOGY

INFORMATION

CEDIMA wall saws

CEDIMA offers a carefully designed and user-friendly wall saw system. Cedima Wall Saws can demonstrate their skills when creating openings in walls or ceilings or when sawing non-reinforced or reinforced concrete with most diverse aggregates. The excellent wall saw systems enable a clean cut and make elaborate reworks be a thing of the past.

Wall saws	Motor output -kW-	Max. cutting depth -mm-	Max. blade-Ø from..to -mm-	Page
WSx-296	bis 17	430	650 - 1000	73
WS-451 EE	20	530	600 - 1200	74 - 75
WS-451 HE	30*	730	600 - 1600	74 - 75
WS-451 HH	30*	730	600 - 1600	74 - 75

*) permissible power hydraulic power pack



NEW WSx-296

With the WSx-296, the proven WS-296 was further developed. The new wall saw WSx-296 is equipped with a up to 17 KW strong blade drive motor. In addition, a new user-friendly control system, the HFX-18, has been developed. The control can be operated on both 16A and 32A mains. In addition, the corresponding remote control with colour display makes the sawing process much easier. All important parameters are displayed to the user directly and in real time. We have succeeded in further improving the automatic function and thus increasing the cutting speed. Of course, the proven CEDIMA guide rail system can still be used.

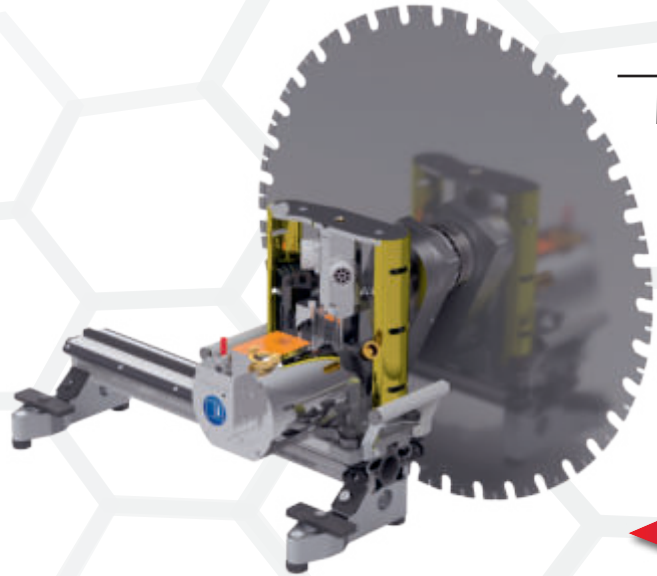
Innovations WSx-296, HFX-18, UVSx

- New high-frequency blade drive motor with an output of up to 17 kW
- New feed system with brushless motors for optimum cutting speeds
- Remote control with colour display to show the sawing parameters
- The water supply can be conveniently switched on from the control cylinder
- Blade mounting flange is also suitable for flush wall cuts
- Can be operated on 16 A and 32 A mains supply
- Compact design
- Easy and fast saw blade change with one central screw
- Professional connector system
- Extremely high efficiency
- Standard water bypass



WALL SAW TECHNOLOGY

WSx-296



WSx-296

NEW

WSx-296		Technical Data
50011030		Order no.
650	mm	Min. blade-Ø
1000	mm	Max. blade-Ø
430	mm	Max. cutting depth
60	mm	Bore hole of blade
bis zu 17	kW	Output blade drive motor
High frequency electric motor		Type of blade drive motor
elektrisch		Feed/ lowering
22 kg	kg	Weight without drive motor
31 kg	kg	Weight with drive motor

Please note: For the operation of the CEDIMA wall saws you need further components such as e.g. blade mounting flanges, guide rails, blade guards. These can be found under accessories on page 76.

Components for WSx-296

Description	Order no.
HFx-18 (high-frequency control)	50009984
UVSx remote control with display and 10 m cable	50009985
connecting cable HFx-18 to WSx-296 10 m long	50010359



Connecting cable



UVSx remote control



High-frequency control

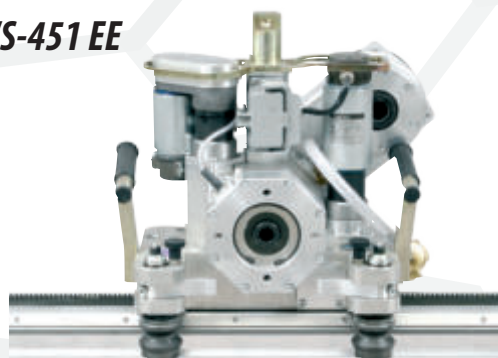
WALL SAW TECHNOLOGY

WS-451 SERIES

To correspond to the individual requirements of our customers the Cedima Wall Saws consist of a flexible system and offer therefore different possibilities for blade drive and advance. Different combinations of hydraulic and electric components are possible. The solid version ensures a high performance and durability. Cedima offers a wide range of diamond saw blades for wall saws adjusted to different machine systems, power output and materials.

Technical Data		WS-451 EE	WS-451 EH	WS-451 HH
Order no.		30001167	30001167	30000281
Min. blade-Ø	mm	600	600	600
Max. blade-Ø	mm	1200	1600	1600
Max. cutting depth	mm	530	730	730
Bore hole of blade	mm	60	60	60
Output blade drive motor	kW	20	--	--
Max. output hydraulic power pack	kW	--	30	30
Type of blade drive motor		high frequency electric motor	hydraulic motor	hydraulic motor
Feed/ lowering		electrical	electrical	hydraulic
Weight without drive motor	kg	35	35	35
Weight with drive motor	kg	52	41,5	41,5

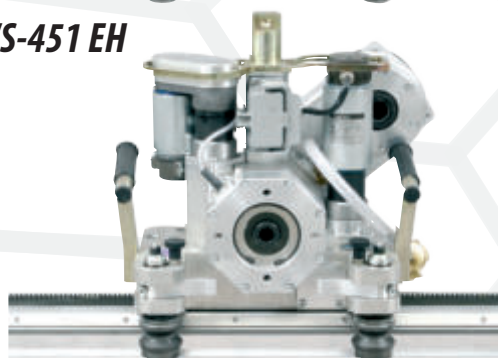
WS-451 EE



Components for blade drive: electrical - feed drives: electrical

Pos.	Description	Order no.
1	HFM-18.1 high frequency electric blade drive motor	30000270
2	HF-28 high-frequency control	30000345
3	connecting cable HF-28 to feed drives	30000315
4	universal remote control with 10 m cable	30000299

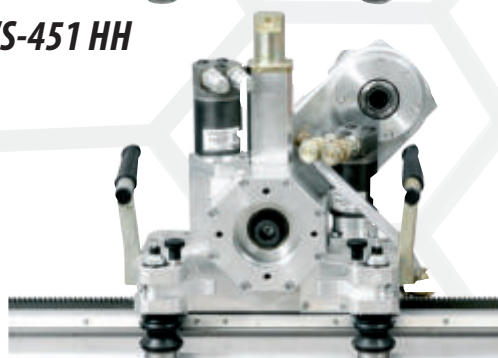
WS-451 EH



Components for blade drive: hydraulically - feed drives: electrical

Pos.	Description	Order no.
5	HM-23 hydraulic blade drive motor	30000426
6	connecting cable to feed drives	30000315
7	KS-04 compact controller 230V	30000313
8	universal remote control with 10 m cable	30000299
9	set of hoses 3-parts, 10 m long for saw blade drive	30000423
10	hydraulic power pack HAG-12.12	50008713

WS-451 HH



Components for blade drive: hydraulically - feed drives: hydraulically

Pos.	Description	Order no.
11	HM-23 hydraulic blade drive motor	30000426
12	set of hoses 3-parts, 10 m long for saw blade drive	30000423
13	set of hoses 4-parts, 10 m long for feed drives	30001010
14	hydraulic power pack HAG-12.22	50008712

WALL SAW TECHNOLOGY

WS-451 SERIES

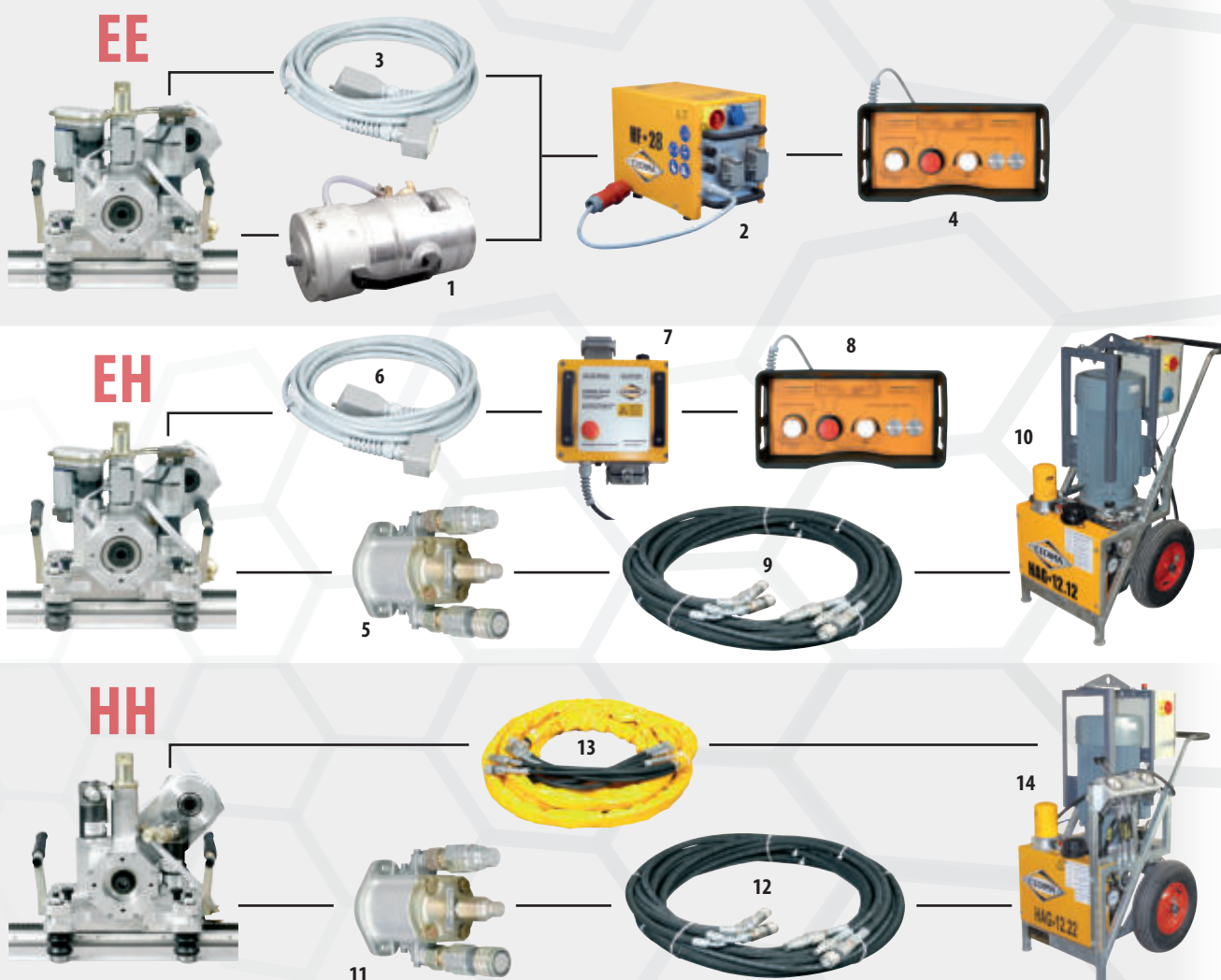
WS-451 Series

Hydraulic blade drive motors

HM-23	HM-28	HM-32	
30000426	30000427	30000428	Order no.
Possible saw blade Ø depending on the set oil flow rate on the hydraulic power pack HAG-12.12 and HAG-12.22			
blade-Ø 1200 - 1500 mm	blade-Ø 1400 - 1600 mm	blade-Ø 1600mm	30 l/min
blade-Ø 800 - 1000 mm	blade-Ø 1000 - 1200 mm	blade-Ø 1200 - 1500 mm	45 l/min



Please note: For the operation of the CEDIMA wall saws you need further components such as e.g. blade mounting flanges, guide rails, blade guards. These can be found under accessories on page 76.

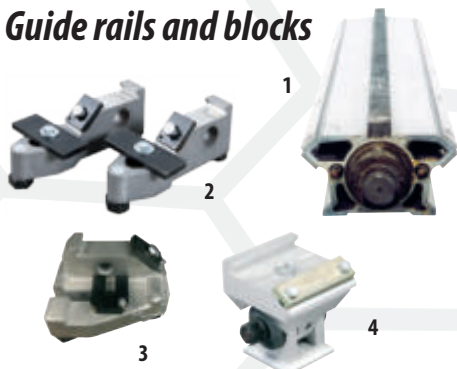


WALL SAW TECHNOLOGY

EQUIPMENT

7

Guide rails and blocks



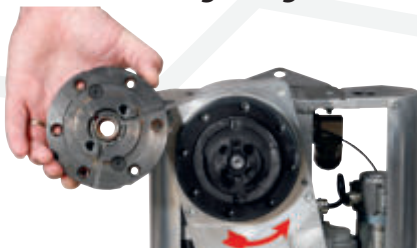
Pos.	Description	operation with	Order no.
1	guide rail 700 mm long	all types	30000309
1	guide rail 1400 mm long	all types	30000310
1	guide rail 2100 mm long	all types	30000311
2	block for lateral mounting Type S	all types	30001128
3	block for assembly beneath the rail Type U	all types	30001169
4	block pivoting	all types	30001170
--	rawlplug M12	all types	30000664

Blade guards and holders



Description	operation with	Order no.
blade guard holder „drive-along“	WSx-296	50010153
blade guard holder „drive-along“ (up to 1200 mm)	WS-451 series	30001168
blade guard closed for saw blade-Ø 800 mm	all types	30001001
blade guard closed for saw blade-Ø 1000 mm	all types	30001002
blade guard closed for saw blade-Ø 1200 mm	WS-451 series	30000999
blade guard closed for saw blade-Ø 1600 mm with blade guard holder „drive-along“ and stabilisation tubes	WS-451 series	30001008
blade guard for flush cutting for saw blade-Ø 800 mm	all types	30001003
blade guard for flush cutting for saw blade-Ø 1000 mm	all types	30001004
blade guard for flush cutting for saw blade-Ø 1200 mm	WS-451 series	30001009

Saw blade mounting flanges



Description	operation with	Order no.
blade mounting flange (Ø mounting of saw blade 60 mm)	WSx-296	30001172
blade mounting flange (Ø mounting of saw blade 60 mm)	WS-451 series	30000355
pressure flange	WSx-296	70009894
pressure flange	WS-451 series	70001041

Further accessories



Pos.	Description	operation with	Order no.
5	transport box for wall saws	all types	30000333
6	transport trolley for wall saws, for transporting of wall saw components	all types	30000268
7	water flow display to control the water flow discharge of cooling water	all types	50004130
8	radio remote control (replace universal remote control with cable)	WS-451 Series	50009344



WIRE SAW TECHNOLOGY

WIRE SAW TECHNOLOGY

INFORMATION

CEDIMA automatic wire saws

- automatic cutting force control, provides constantly the correct wire tension while cutting and ensures a permanent maximum output at the lowest possible tool costs
- due to the extensively automated cutting operation the operator's job is effectively eased and possible mistakes due to mishandling are widely avoided
- the construction of the automatic wire saws allows looping of a maximum wire length around the drive wheel, this involving a high power transmission
- the modular design of the machines and the wide range of accessories enable you to compose your wire sawing equipment according to your special requirements

CSA-100: for small to medium surfaces

CSA-1001: with a wire storage capacity of 21 m for large surfaces

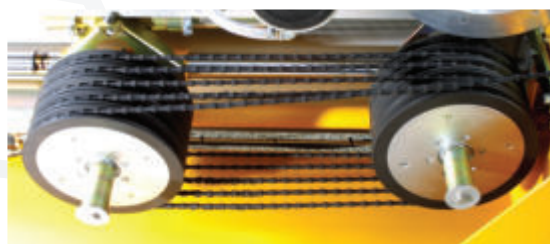
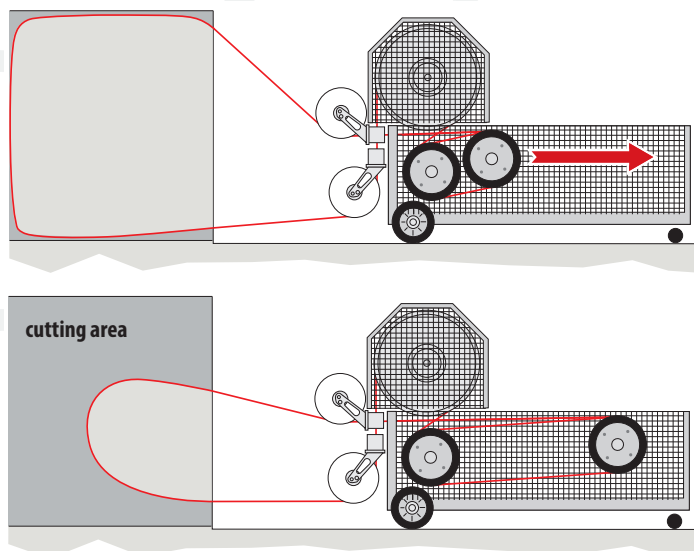


Wire storage	min. wire length in the machine	max. wire length in the machine	max.available wire storage capacity
CSA-1001 with 10 storage rolls	6,5 m	20,5 m	14,0 m
CSA-1001 with 14 storage rolls	6,5 m	27,5 m	21,0 m
CSA-100 with 8 storage rolls	4,0 m	10,5 m	6,5+1,5* m



Wire storage

Operating mode of wire storage



The functionality of the wire storage is similar to a chain-block. In the interior the diamond wire is laid in an endless loop around 2 packages of rolls. The rear package of rolls can be moved hydraulically. For the starting position the 2 packages of rolls are directly adjoined. The diamond wire has to be mounted on at least 2 rolls of package. While cutting, the rear package of rolls is moved backwards. This way, the wire set free during the sawing process is pulled into the machine.

When reaching the final stop, the cutting operating is interrupted by the operator, the rear package of rolls is moved forward again and the wire set free is looped around the remaining storage rolls. This procedure can be repeated until all the storage rolls are lined with wire. Due to this operating mode large cutting surfaces can be implemented without repositioning the machine or shortening the wire.

WIRE SAW TECHNOLOGY

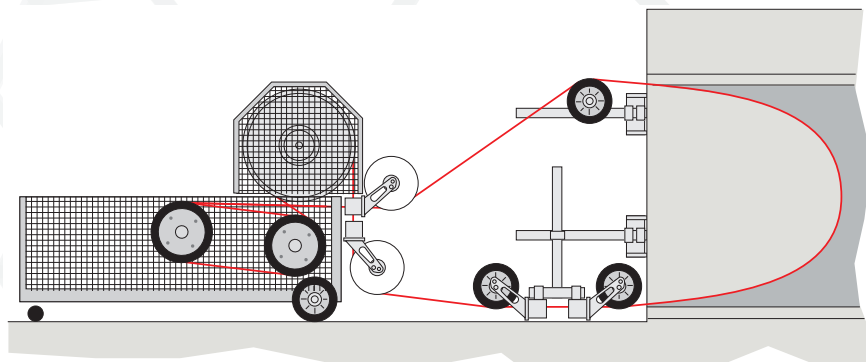
INFORMATION

Today the cutting with diamond wires offers almost unlimited possibilities to professional users. Thanks to modern wire saw technology it is no problem any longer to cut concrete, reinforced concrete or masonry which before was a task of high complexity. By using swivel rolls and wire guide pulleys cuts in any direction and of any kind become possible. Also in places difficult to access and in extremely narrow areas where a wall saw cannot be used the wire saw technology can be applied without any problems.

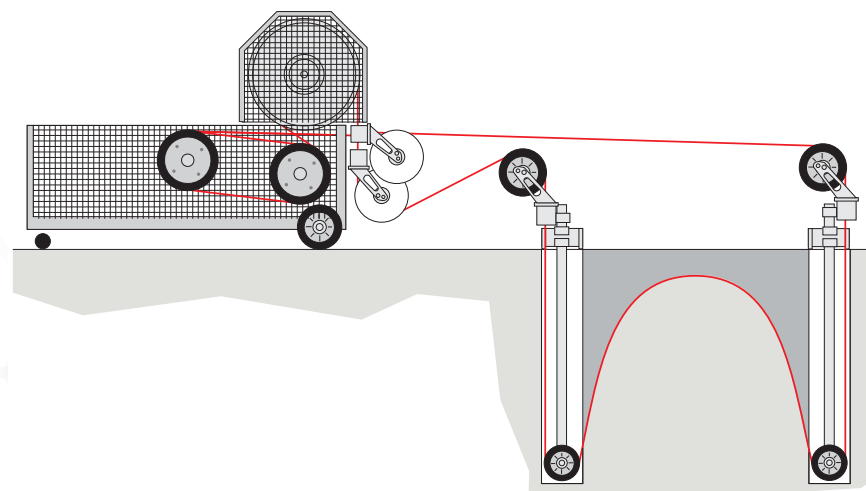
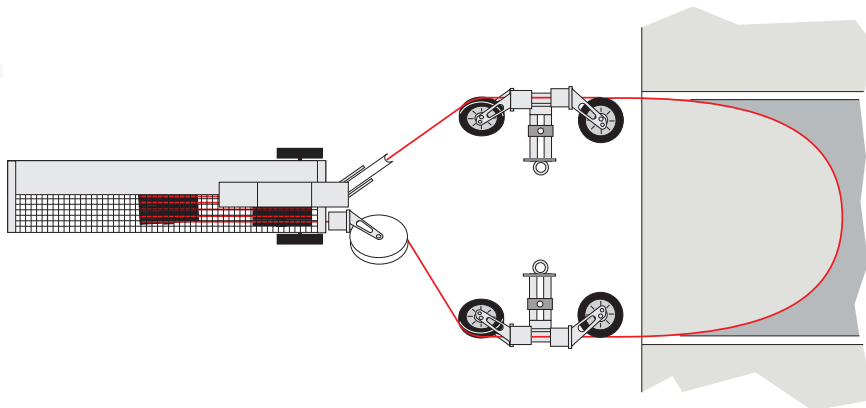
Use wire saws

Cutting a wall opening

For making a rectangular opening four steps are necessary. The wire is led through two prepared core drilling holes at the corners of the area to be cut. Wire guide pulleys and swivel rolls lead the diamond wire from the machine to the cut.

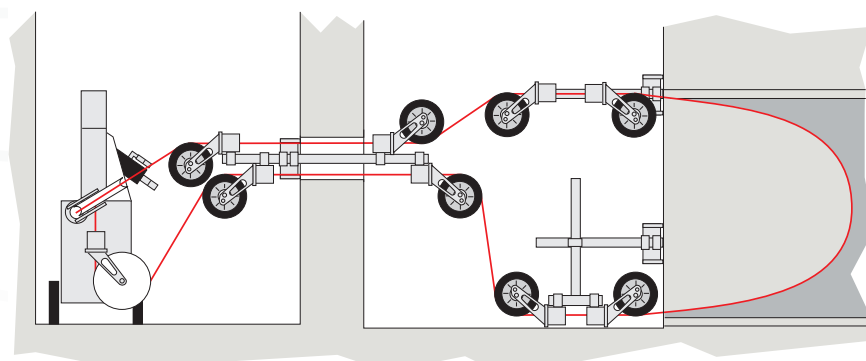


For horizontal cuts the diamond wire can be guided on its shortest way to a horizontal cutting position by means of parallel positioned swivel rolls.



The wire saw operating as an immersion saw

If the diamond wire cannot be led around the material to be cut due to structural reasons the wire saw is operated with the help of immersion columns. Two immersion rolls are placed into corresponding blind hole drillings. The wire „immerses“ into the material to be cut.



Wire sawing in narrow areas

By means of swivel rolls the diamond wire can be led to the cut through cramped areas of narrow passages.

WIRE SAW TECHNOLOGY

AUTOMATIC WIRE SAWS

CSA-100 H

Order no. 30000463



Technical data		CSA-100 H
Storage rolls	pcs.	8
Wire in storage min./max.	m	4,0 / 10,5
Max. wire storage capacity	m	6,5 + 1,5*
Motor		hydraulic motor
Weight without motor	kg	54,0
Weight with motor	kg	60,8
Oil flow feed	l/min	1 - 15
Max. operating pressure feed	bar	100
Dimensions L/W/H	mm	1050 / 300 / 460

Technical data		Hydraulic drive
Max. output hydraulic motors	kW	20
Oil quantity hydraulic drive	l/min	25 - 55
Max. working pressure drive	bar	250



Hydraulic power pack HAG-12.12
with hydraulic control panel HSP-12

Application set wire saw CSA-100 H

Order no.	Type	Description
30000463	CSA-100	automatic wire saw with 2 mini swivel rolls and ground mounting foot, without drive motor
30000467	-	wire guard set with water collecting function
30000425	HM-19	hydraulic drive motor 19 cm ³
50008712	HAG-12.22	hydraulic power pack with hydraulic control panel
30000423	-	set of hoses 3-parts, 10 m long, for drive of drive wheel (wire saw)
30001011	-	set of hoses 2-parts, 10 m long, (for feed at wire sawing with HAG-12.22)

Additional suitable components

Order no.	Type	Description
30000426	HM-23	hydraulic drive motor 23 cm ³ , alternatively to HM-19
50008713	HAG-12.12	hydraulic power pack
30000429	HSP-12	hydraulic control panel
30000421	-	set of hoses 2-parts, 10 m long (for feed at wire sawing with HSP-12)
30001033	MF-6000	foot for mounting to wall or ground with mounting tube
30001135	-	wheel kit for mounting foot
30000465	-	precision swivel foot 360° with mounting tube
30000667	-	set of anchoring dowels M12 with impact nut



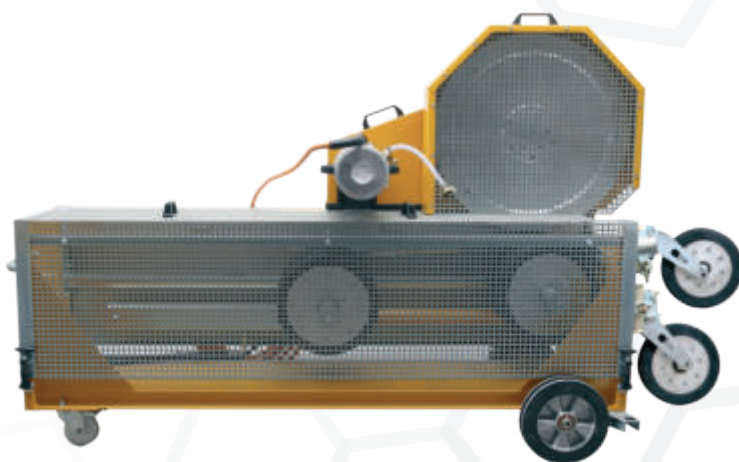
WIRE SAW TECHNOLOGY

AUTOMATIC WIRE SAWS



Order no. 30000454

CSA-1001 H



Technical data		CSA-1001 H
Storage rolls	pcs.	10 (14*)
Wire in storage min./max.	m	6,5 / 27,5
Max. wire storage capacity	m	14 / 21*
Motor	hydraulic motor max. 30 kW	
Weight without motor	kg	130
Weight with motor	kg	180
Oil flow feed	l/min	1 - 15
Max. operating pressure feed	bar	100
Dimensions L/W/H	mm	1950 / 600 / 550

*) 4 additional storage rolls required
(Order no. 30000490)

Technical data		Hydraulic drive
Max. output hydraulic motors	kW	24
Oil quantity hydraulic drive	l/min	30 - 54
Max. working pressure drive	bar	250

Application set wire saw CSA-1001 H

Order no.	Type	Description
30000454	CSA-1001	automatic wire saw with 2 swivel rolls and 10 storage rolls, without wire drive unit and wire drive wheel
30000475	-	wire guard set
30001103	-	wire drive unit with hydraulic motor 40 cm ³ and drive wheel guard
30000457	-	wire drive wheel Ø 600 mm with interchangeable bandage
50008712	HAG-12.22	hydraulic power pack with hydraulic control panel
30000423	-	set of hoses 3-parts, 10 m long, for drive of drive wheel (wire saw)
30001011	-	set of hoses 2-parts, 10 m long for feed at wire sawing with HAG-12.22

Additional suitable components

Order no.	Description
30000473	wire drive unit with hydraulic motor 60 cm ³ and drive wheel guard - special applications with HAG-12.22



WIRE SAW TECHNOLOGY

ACCESSORIES

Wire drive wheels and storage rolls

Pos.	Description	use with	Order no.
1	wire drive wheel Ø 600 mm with interchangeable bandage	CSA-1001	30000457
2	bandage for wire drive wheel Ø 600 mm	CSA-1001	30000458
3	storage rolls Ø 300 mm for capacity increase of wire storage compartment	CSA-1001	30000490
4	CSA-1001:bandage for storage rolls Ø 300 mm / CSA-100: bandage for wire drive wheel	CSA-100 / 1001	30000493

Wire guidance and water supply

Pos.	Description	use with	Order no.
5	wire guide pulley Ø 270 mm with hard rubber contact surface and assembly tube	all CSA	30000484
6	swivel roll Ø 270 mm with interchangeable bandage and mounting device for wire guard set CSA-1001(ord.-No. 30000475)	CSA-1001	30000461
--	bandage for swivel roll Ø 270 mm	CSA-1001	30000494
7	mini swivel roll Ø 200 mm with interchangeable hard rubber bandage and mounting device for wire guard set CSA-100 (order-No. 30000467)	CSA-100	30000466
--	bandage for mini swivel roll Ø 200 mm	CSA-100	30000492
8	wire guiding device short with 1 guide pulley	all CSA	30000469
9	wire guide pulley for flush cutting Ø 300 mm, with holder	all CSA	30000489
10	wire guiding device long with 1 mini swivel roll and 1 guide roll	all CSA	30000468
11	immersion column with immersion roll Ø 230 mm for cuts in blind hole Ø 250 mm, length 2,5 m, with suction hose, without swivel roll and mounting foot	all CSA	30000479
12	throttle-check-valve - starting aid CSA-1001 and CSA-100 in operation with HSP-12	all CSA	50004127
13	water lance with GEKA-coupling	all CSA	30000482
14	flexible jet with GEKA-coupling	all CSA	30000491

Mounting accessories

Pos.	Description	use with	Order no.
15	MF-6000, foot for mounting to wall and ground with mounting tube, 0-45° tiltable	CSA-100	30001033
16	assembly set wire drive wheel	CSA-100	30001135
17	precision swivel foot with mounting tube, pivoting by 360°	CSA-100	30000465
18	mounting foot for fixing the mounting tubes and the immersion column	all CSA	30000460
19	mounting tube 1 m long	all CSA	30000477
--	mounting tube 2 m long	all CSA	30000478
20	T-mounting tube for fixing of swivel rolls	all CSA	30000481
21	rigid scaffold coupling	all CSA	30000480
22	rotating scaffold coupling	all CSA	30000506



Suitable diamond wires can be found on page 36.

WIRE SAW TECHNOLOGY

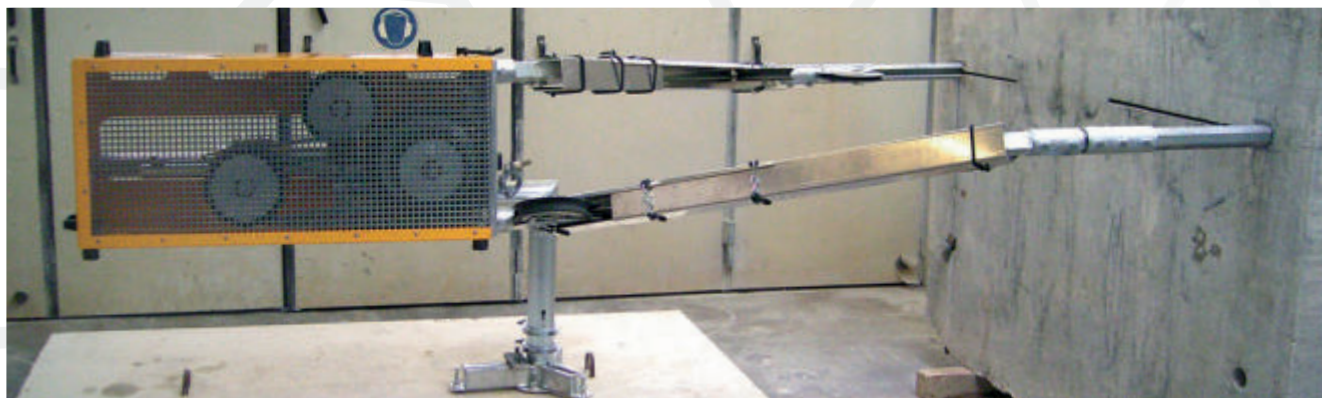
ACCESSORIES



WIRE SAW TECHNOLOGY

ACCESSORIES

Increase the safety for your operating staff!
Freely running wire parts are covered completely!
Reduction of the risk of injury following a wire breakage (flying beads and whip-lashing diamond wire).



Application: U-profiles made of aluminium are put on the wire and fixed with rubbers (profiles are available in various lengths)
 On both ends the wire guard profiles are fitted to the swivel rolls - the swivels rolls continue to rotate unimpaired.
 The closed back side of the profile is mounted in the direction the wire could possibly swing out.
 The wire guard profiles are available for all CEDIMA automatic wire saws - for the CSA-100 the system is equipped with an additional water collection function.

Water collecting function: By means of the sealing elements and end caps that belong to the set most of the slurry can be collected and suctioned.



Wire guard profile - aluminium- with end cap, suction connection and end cap GEKA

Wire guiding device for mounting directly to the wall



quick-mounting holder for wire guard profile for operation with wire guiding device

Description	use with	Order no.
Wire guard set consisting of: wire guard profile made of aluminium (5 x 2,3 m; 4 x 1,15 m; 3 x 0,76 m) 4 end caps made of aluminium for wire guard profile 6 clamping yokes for mounting the wire guard profiles directly to the wall, fixing material	CSA-1001	30000475
Wire guard and water collecting set consisting of: wire guard profile made of aluminium (1 x 3 m; 1 x 2,5 m; 1 x 2 m; 1 x 1,5 m; 1 x 1 m; 2 x 0,75 m; 1 x 0,5 m) 2 end caps PUR for wire guard profile 3 x end caps for GEKA-connection 1 x suction connection GEKA, 6 clamping yokes for mounting the wire guard profiles directly to the wall, fixing and sealing material	CSA-100	30000467
Quick-mounting holder for wire guard profile for the operation with wire guiding devices	alle CSA	30000500



SPECIAL MACHINES

SPECIAL MACHINES

CONCRETE SLURRY SEPARATOR

CBS-1500

Order no. 30000198

Application

- the mobile concrete slurry separator CBS-1500 is able to store large slurry quantities
- the solids are filtered and the water is recycled to the working process

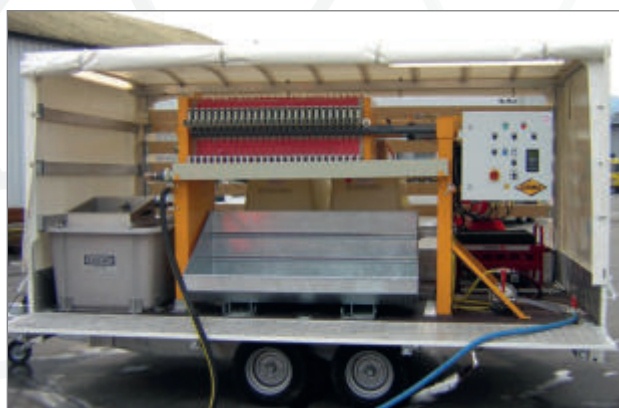
Features

- independent of supply lines due to current generator of its own
- large-sized filter systems for long working periods without interruptions
- clear water tanks with a net capacity of 1100 litres
- removable solids container with fork-lift plates for comfortable discharge of the filter cake
- collecting basin with strainer for storage of slurry
- sonic signal and automatic shutdown when filter is completely filled
- discharge of filter contents in only 30 seconds without interruption of cutting operation
- assembly of the plant on high-grade tandem axle trailer with approval for road service

Required drawing vehicle

towing device	bolt-type
braked trailer load	3500 kg
vertical load	150 kg

Technical data		CBS-1500
max. filtration performance	l/h	1500
capacity of filter system		96 l - solids
contents of clear water tanks -net-	l	2 x 550
capacity of slurry collecting basin	l	550
capacity of solids container		approx. 3 filter fillings
dimensions L/W/H	mm	5270 / 2165 / 2580
unloaded weight	kg	2240
weight - with filled clear water tanks -	kg	3340



Left: collecting basin with strainer; centre above: filter element; centre below: solids container



From left to right: current generator, clear water tanks, slurry pump



The filter is emptied by tearing apart the filter elements.



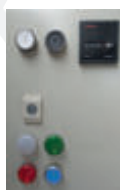
The solids are collected in a container.

SPECIAL MACHINES

HYDRAULIC POWER PACKS

Order no. 50008713

HAG-12.12



NEW

Operating hours counter
in the control box

Robust, user-friendly hydraulic power
packs specially designed to drive electro-
hydraulic wall and wire saws.

Order no. 50008712

HAG-12.22



Technical data		HAG-12.12
Electric motor, air-cooled	kW	15
Voltage/amperage/ frequency	V / A / Hz	400 V/32 A/50 Hz
Motor speed	min ⁻¹	3.000 min ⁻¹
Number of hydraulic pumps		2 parallel conveying gear pumps
Oil flow capacity, operating pressure:		
oil circuit/ 1. main circuit		30l/min at 250 bar
oil circuit / 2. main circuit		45 l/min at 160 bar
Oil flow rate control circuit	l/min	15
Oil quantity in tank	l	11,0
Dimensions L / W / H	mm	850 / 600 / 1200
Total weight	kg	ca. 188 (incl. hydraulic oil)

- Automatic soft start
- Double active motor monitoring (temperature / current)
- Double gear pump
- 2 switchable oil flow rates
- Solenoid valve and electronics for remote shut-off via emergency stop
- Removable electric motor for easy transport

Technical data		HAG-12.22
Electric motor, air-cooled	kW	15
Voltage/amperage/ frequency	V / A / Hz	400 V/32 A/50 Hz
Motor speed	min ⁻¹	2.902
Number of hydraulic pumps		3 parallel conveying gear pumps
Oil flow capacity, operating pressure:		
oil circuit/ 1. main circuit		30l/min at 250 bar
oil circuit / 2. main circuit		15 l/min at 250 bar
1. + 2. main circuit		45 l/min at 160 bar
Oil flow rate control circuit		6 l/min, infinitely at 0-60 bar
Oil quantity in tank	l	11,0
Dimensions L / W / H	mm	850 x 600 x 1200
Total weight	kg	ca. 190 (incl. hydraulic oil)

- Automatic soft start
- Double active motor monitoring (temperature / current)
- Triple gear pump - simultaneous supply of three oil circuits
- Additional control circuit and hydraulic control panel for feed control of wire saws or wall saws
- Removable electric motor for easy transport

Accessories for hydraulic power packs

Order no.	Type	Description
30000533	ABV-10	assembly valve for pressure reduction for 170 bar for hydraulic hand-held saw and chain saw
30000429	HSP-12	hydraulic control panel



SPECIAL MACHINES

JOINT BRUSHING MACHINE

CBM-35 B

Order no. 30000057



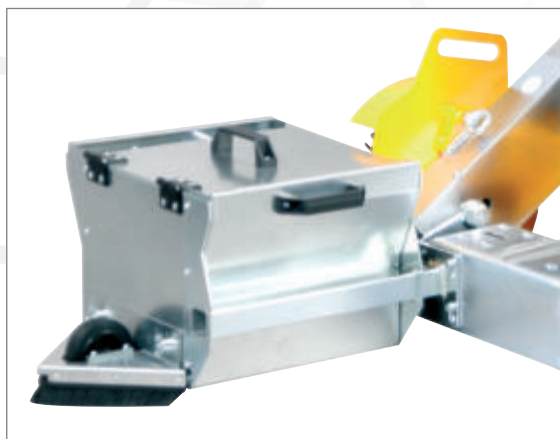
The pair of front wheels can be aligned parallel to the shaft, the brushing depth always keeps constant.

Application: Suitable for cleaning old expansion joints in concrete or asphalt. Reminders of slurry in new joints can also be effectively removed before grouting.

- large-sized wheels for easy feed
- brush cover with deflection sheet for brushed out debris adjustable on the right and left side
- optimal quantity distribution and support wheel for easy adjustment and relocation
- height-adjustable and low-vibration machine handle
- ring eye for transporting and relocating

Suitable joint brushes can be found on page 19.

Technical data		CBM-35 B
Max. brushing depth	mm	60
Joint width from - to	mm	8-20
Ø brush	mm	300
Ø shaft for brush assembly	mm	20/ 25,4
Shaft for brush assembly	lateral	right
Motor output	kW	8,7
Motor type	-	petrol Honda GX-390
Motor starter	-	reversing start
Depth adjustment	-	hand crank
Feed	-	manual
Dimensions L/W/H	mm	1290/610/1020
Weight	kg	117



Accessories for joint brushing machines

Order no.	Description
	Catch tray for brushed out debris CBM-35 B
30000012	Scope of delivery: catch tray for brushed out debris, special brush cover, brush cover with support wheel

SPECIAL MACHINES

CHAMFERING MACHINE

Technical data		CF-206.2 B
Max. cutting depth	mm	35 mm
Cutting depth adjustment		hydraulic
Max. Ø of chamfering disc	mm	250 mm
Max. mounting width	mm	27 mm
Type drive motor		Honda GX-390 (petrol)
Output drive motor	kW	8,7 kW
Dimensions L/W/H	mm	1120/510/930 mm
Weight	kg	103 kg

Order no. 30000059

CF-206.2 B

Application

Provides already cut concrete joints before grouting with a chamfer of 45° in order to prevent the edges from breaking out.

- hydraulic cutting depth adjustment
- working headlamps
- low centre of gravity
- exact chamfering by centre guide



Suitable chamfering discs can be found on page 19.



GENERAL TERMS AND CONDITIONS

1. Contracts

The Supplier's supplies and services shall be exclusively based on the following terms and shall apply to any future contracts and agreements. The Purchaser's purchasing conditions are expressly rejected herewith and shall not commit the Supplier even if no objections are raised on making of a contract. The Supplier's General Condition of Sale shall be deemed to have been accepted on receipt of the goods by the Purchaser or commencement of any services to be rendered.

2. Price

Unless otherwise agreed, prices shall be quoted ex works Celle, Germany, excluding any costs of packaging. Cedima reserves the right to invoice those prices valid at the time of delivery or accomplishment.

3. Terms of Payment

Unless otherwise agreed, payments shall be effected within 30 days from the date of invoice strictly net or within a period of 10 days minus 2 % cash discount. Invoices for repairs shall be payable within 10 days strictly net on receipt. Discountable bills of exchange shall be accepted for payment subject to explicit agreement only. Credits for bills of exchange or cheques shall be effected subject to the receipt of funds and valued on the day on which the equivalent is received by the Supplier. Any costs, including discount charges shall be paid by the Purchaser. In case of delays in payment, the Supplier shall be entitled to charge interests of 8 % above the base rate of the European Central Bank. This shall not exclude any claims for higher damages, if any. The Supplier reserves the right of invoicing orders totalling less than EUR 50,00 gross for net and to dispatch any orders received from unknown clients by cash against delivery. For sales in foreign currencies, the Purchaser agrees to assume the currency risks from signature of contract. The Purchaser can only set off with claims that are beyond dispute or that have been determined legally binding.

4. Packaging

The type of packaging for shipment shall be made according to the Supplier's proper judgement. Packaging for shipment shall be invoiced at cost price. Returned packaging shall only be accepted, if the return has been requested, whereby we reserve the right to charge for deposit.

5. Shipment and Risk

Shipment shall be exclusively effected on behalf of the Purchaser and at his cost. Unless otherwise agreed, transport and the route of transport shall be the Supplier's choice, excluding any liability for faulty services by the forwarding agent contracted. Special requests of the Purchaser (such as express shipment, special packaging, contracting a specific forwarder) shall be considered as and when possible subject to any additional costs being invoiced. On transfer of the goods to a forwarder or carrier, but at least of the time of leaving the factory, the risk - including confiscation - shall pass in any case to the Purchaser, including fob or cif transactions. Moreover, the interpretation of any differences in sales provisions shall be subject to Incoterms unless otherwise stipulated in these provisions. Forward notices for goods announced to be ready for shipment must be handed in without delay. Otherwise and should shipment prove impossible, the Supplier shall be entitled to store these goods at the Purchaser's cost and risk subject to the Supplier's sole discretion and invoice the same as supplied ex works.

6. Conditions for repair

These conditions for repair shall apply to all repair measures. They shall also apply to repairs due to a legal right based on the law of irregularity in performance or in case of warranty – as far as not stated otherwise.

§1 Placing repair orders

1. A possible claim from the legal right of the law of irregularity in performance or guarantee claims must be applied by the Purchaser when placing the repair order and must be proven by submission of the invoice and the complete guarantee documents.
2. In absence of a precise description of the defect the order is considered as confirmed for all repair works which we consider appropriate. In the case of defects we are entitled to remove the defects which are discovered during the repair, insofar this is necessary to achieve correct functioning of the object to be repaired.
3. When an order for extra fee has been placed, the Purchaser can determine a maximum price for repair. If this value is exceeded or the repair costs are not in relation to the value of the repair the Supplier has to ask for the approval of the further repair.
4. For a repair against payment the approval must have been issued by the Purchaser, when it becomes obvious that the desired repair effect or repair costs are not in a reasonable relation to the value of the repair. In this case the Purchaser is obligated to pay the costs incurred.

§2 Scope of repair

1. We are entitled to carry out the repair in our own or in a workshop of our choice.
2. The periods for repair are always non-binding, the final time for repair resulting from the actual scope of repair.

§3 Repair costs and payment

1. All repairs to be paid are charged according to time required for repair and materials used for repair.
2. Invoices for repairs are payable upon receipt within 10 days strictly net.

§4 Estimates of costs;

Costs for orders which have not been carried out :

As time for defect finding is working time the costs incurred are charged to the Purchaser,

- a. if the Purchaser waives the repair after receipt of the estimated costs.
 - b. if the defect complained cannot be found after inspection.
 - c. if spare parts required are no longer available.
 - d. if the order has been cancelled during the repair.
 - e. if no information, wrong or incomplete information on failures were given.
- If upon Purchaser's request the repair will not be carried out after the estimates of costs has been sent, the Supplier shall not be obliged to restore the object to its original condition, in case this is not possible in technical, safety-related or economic terms. If on request of the Purchaser safety-related and worn spare parts should not be replaced, the complete repair will not be carried out, however, the estimates of costs will be invoiced.

§5 Warranty for repairs

1. We grant a warranty of 12 months for repairs carried out by us, in so far this can be proven to the same defect that has not been repaired correctly. Further claims which go beyond the repair are excluded from the warranty. If during the repair it becomes obvious that claimed defect has been caused by other reasons, the Purchaser has to bear the costs incurred.
2. If after the estimates of costs has been issued, the Purchaser does not require the complete repair to be carried out, the warranty will not be granted for that partial repair.
3. The Purchaser, in so far as the Purchaser is a business owner, a legal entity under public law or special fund under public law, must report claims for repair or warranty within 10 days of its discovery otherwise we shall be relieved from any liability of defects, be it on basis of guarantee or legal warranty. The warranty claim expires if modifications are made without our permission.
4. In the event that the Purchaser is a consumer according to §13 BGB (German Civil Code) in absence of notification the warranty claims expire within 10 working days after the defect has occurred. The legal warranty rights remain unaffected thereby.

§6 Storage and collection

1. We are entitled to hand the repaired object to the collector at presentation of the collection voucher or any other authorisation document.
2. If the repaired object is not collected by the Purchaser within 4 weeks after written or verbal information on completion of repair, the object will be returned without any request - at the Purchaser's expense. From that date, unless the liability has not been limited according to §300 paragraph 1 BGB (German Civil Code) incurred because of delayed acceptance, we are not liable for loss or damage of the object to be repaired unless we are guilty of premeditation or gross negligence.
3. If no repair order is placed within 14 days after the estimates of costs has been forwarded, we will arrange the return shipment unrequested – the costs for return and estimate of costs will be borne by the Purchaser.

§7 Claims from the law of irregularity in performance for all repairs liable to payment:

1. Claims due to defects for repairs to be paid are subject to a limitation period of one year after acceptance.
2. The Purchaser's right in case of defects is at first restricted to remedial measures. Only after failure to remedy the object the Purchaser can request a reduction in the payment or withdraw from the repair contract.
3. Damages occurring due to measures implemented by the Purchaser that are improper or contrary to the contract within the scope of transportation, positioning, connection, handling or storage do not establish any warranty claim against the Supplier.

§8 Liability

1. Claims for damages are excluded in so far the Supplier has not acted with intent or gross negligence and thus the liability for injuries to life, bodies or health would be affected.
2. In case of damages of the object to be repaired we are entitled to provide the repair free of charge. Should this not be possible or should it involve disproportionately high costs, the time value on the day the damage occurred is to be paid.

§9 Storage of data

The Purchaser agrees that the personal data arising from the repair contract are saved on a storage medium by the Supplier for the purpose of operational use in the workshop. The saved data will not be passed on to third parties by the Supplier.

7. Periods and Dates of Delivery

Periods and dates of delivery quoted are not binding. The period of delivery shall commence on the day of accepting an order but not prior to full clarification of all details for completing an order. Periods and dates of delivery shall be deemed to have been complied with on notification of readiness for shipment on time, although shipment may be impossible, not due to the Supplier's fault. The agreed period of delivery shall be extended - irrespective of the Supplier's rights due to the Purchaser's delay - for a period by which the Purchaser is in delay of his duties, resulting from this or any other contract. This shall apply accordingly when a date of delivery has been agreed. Part-deliveries are acceptable in the frame to be reasonable for the Purchaser.

TERMS OF WARRANTY

8. Delays in Delivery

Acts of God shall entitle the Supplier to delay delivery of services for the duration of such impediments plus an adequate period of time for starting up or to rescind from the contract or any uncompleted part of the contract. Acts of God shall include strikes, lock-outs and any other events rendering the Supplier's deliveries and services seriously difficult or otherwise impossible, such as fire, breakdown of machinery, lack of raw materials, obstruction of transport routes, including any of these events occurring to pre-suppliers. The Purchaser may request a statement from the Supplier as to whether the Supplier intends to rescind from the contract of make supplies and render services within an adequate period of time. Should the Supplier not make the said statement, the Purchaser shall be entitled to rescind from the contract.

9. Retention of Title

All goods supplied shall remain the Supplier's property prior to payment of all claims, irrespective of the legal reasons, in particular any balances outstanding (products subject to retention of title) although payments have been effected for specific amounts outstanding. Handling and processing shall be effected on behalf of the Supplier subject to exclusion of any transfer of title in compliance with § 950 BGB (German Civil Code) without the Supplier incurring any liability. Any products processed shall be used as a security up to the level of the invoiced value of any goods supplied to retention of title.

When processed by the Purchaser together with any other goods, the Supplier shall be entitled to any new products subject to a lease in relation to a value of any goods supplied subject to retention of title with any other goods processed at the time of processing. Any new goods resulting from the said processing shall therefore be subject to the same provisions as any goods supplied subject to retention of title.

The Purchaser's accounts receivable due to any resale or disposal of goods supplied subject to retention of title shall be assigned to the Supplier now without considering the fact that any goods supplied subject to retention of title or after processing have been resold or disposed of to one or several purchasers. Any assigned claim shall be used as a security for the value of any resold product subject to retention of title.

The Purchaser agrees to notify the Supplier of any assignment to his purchaser for payment. Should any goods supplied subject to retention of title be sold or disposed of, together with any other goods that are not the Supplier's property, assignment of any accounts receivable shall only be applicable up to the value of any goods supplied subject to retention of title.

The Purchaser shall only be entitled to sell or dispose of any products being the Supplier's property for normal business transactions, subject to his standard conditions of sale and for as long as his payments have not been delayed. The Purchaser shall only be entitled or authorized to the resale or disposal of any goods supplied subject to retention of title subject to any accounts receivable resulting from the said resale or disposal in accordance with § c) being assigned to the Supplier. The Purchaser shall not be entitled to any other disposal such as charges on mortgages on any goods supplied. Should the value of any security existing in favour of the Supplier exceed the total of the Supplier's accounts receivable by more than 20 %, the Supplier agrees to release the security of his discretion at the Purchaser's request. The Purchaser agrees to notify the Supplier without delay of any seizure of products supplied subject to retention of the title and any accounts receivable of the Supplier in accordance with § c) or any other inference by third parties.

10. Liability of defects

Notification of defects must be reported immediately in writing by the Purchaser after receipt of the goods at the place of destination: They do not entitle the Purchaser to retain amounts payable. Defects which cannot be detected even by the most careful examination shall be claimed immediately after discovery and with an immediate stop to any processing.

Warranty claims for the delivery of movable objects shall expire with effect from one year from the beginning of the statutory period of limitation. Cedima shall always be afforded the opportunity to make subsequent fulfillment within a reasonable period.

The return of goods is only permitted after prior agreement. If the subsequent fulfillment fails, the Purchaser is entitled to demand the reduction of purchase price or to step down from the contract – regardless of any possible claims for damages.

11. Claims of Damages

Any claims of damages raised by the Purchaser regarding the breach of essential contractual obligations are limited to the predictable damages typical for the contract – a maximum of the triple value of the working volume of that product having caused the claim – except of intent or gross negligence or if liability is assumed because of injury of life, body or health.

12. Place of Performance and Jurisdiction

The place of performance and jurisdiction for businessmen and public corporations shall at CEDIMA's option be Celle, Germany, or any other legal jurisdiction. The contract shall be subject to German law. UN-Law concerning contracts about international movement of goods (CISG) shall not apply. The Supplier shall not be liable for any shipment destined for export, should the Supplier's products infringe third-parties rights. The Purchaser agrees to make any good any loss or damage caused to the Supplier by the further export of any goods, exports which have not been explicitly sanctioned by the Supplier.

13. General/Effectivity

Should one of the provisions of this agreement be legally ineffective or not be applied, the effectivity of any other provisions shall not be affected. In this case, the Parties hereto agree to find an arrangement being as close as possible to the meaning and purpose of this contract of let be valid legal regulation due to German Civil Code and corresponding to the economic interest of the Parties.

1. Complaints must be submitted without delay, however, within 14 days following the arrival of the device at the latest. If this deadline has expired, or if the device complained about is put into operation and used for work, then the device complained about shall be considered accepted and therefore free of faults. Hidden defects must be reported in writing immediately after being discovered, however at the latest within 6 months of the receipt of the device.

2. We guarantee the agreed usability of the device delivered by us for a period of 12 months, the term beginning on the day the device arrives with the buyer, irrespective of this, our obligation shall be considered as fulfilled, as soon as the goods are despatched from our works/warehouse. In no case do we assume a producers' guarantee. The mandatory regulations of the law for product liability remain untouched.

3. Wearing parts are subject to a limited warranty. Wearing parts are parts subject to operation-related wear during proper use of the device. The rate of wear cannot be uniformly defined and differs according to the intensity of use. The wearing parts must be adjusted, maintained and, if necessary, replaced for the specific device in accordance with the manufacturer's operating manual. Operation-related wear is not a reason for claims to defects. Wearing parts for the construction devices such as core drilling and sawing machines and special machinery as well as related general assemblies (if available):

- Feed and drive elements such as toothed racks, gear wheels, pinions, spindles, spindle nuts, spindle bearings, wires, chains, sprockets, belts
- Guiding elements such as guide rails, guide bushings, guide tracks, guide rails, pulleys, bearings, anti-skid mats
- Parts of the reversing starter such as the starting rope, starting pawl, starting roller and return spring
- Clamping elements for quick release systems
- Slide and roller bearings that do not run in an oil bath
- Friction and safety clutches, braking devices
- Consumable operating materials
- Control potentiometers and manual switching elements
- Securing elements such as dowels, anchors and screws
- Commutators
- Spark plugs, glow plugs
- Sealing brushes, rubber seals, splash protection cloths
- Drive and guide wheels/pulleys and associated rubber tyres
- Drive and travel wheels
- Cut-material transport rollers
- Flushing head seals
- Shaft oil seals and sealing elements
- Carbon brushes, collectors/ armatures
- Easy-release rings
- Fuses and lamps
- Bowden cables
- Diaphragms
- Energy storage devices
- Filters of all kinds
- Cable wire protection elements
- Water pumps
- Drilling, separating and cutting tools

4. In case of a justified complaint, we can choose to repair the device and/or to provide a replacement against return of the device. Replaced parts or devices become our property.

5. A complaint has to be filed in writing, stating machine number, invoice number and date.

6. Improvements shall always be carried out at the delivery plant. Repair work requested by the buyer to be carried out on his or a third party's premises, needs prior consent by us. The resulting costs of the mechanic and any other assistants are borne by the buyer. The warranty expires, if the customer or any other, unauthorized person, interfere with the purchased device.

7. If the replacement of assemblies or components by the buyer of others has been expressly arranged with us, any possible recognition of the warranty case cannot be given by us until after the defective parts have been returned to us and inspected by us.

8. According to the statutory regulations the buyer is only entitled to cancel a contract, if we refuse improvements or the supply of replacements acc. to fig. 4 even though a defect has been proven, or a deadline that we have been given has elapsed unfulfilled. If only a minor defect has occurred, the buyer is merely entitled to an abatement of the purchase price, which in any other case is excluded. We are not liable for compensation on account of a defect or damages subsequent to a defect, unless these occur on account of an intention of a negligence which we are responsible for.

9. No guarantee is assumed for damages that have arisen of the following reasons:

- a) faulty installation,
- b) improper use or overstraining,
- c) permanent overload, leading to damages to coils or the windings of armatures,
- d) extraneous causes, e.g. transport damages, climatic influences or other natural phenomena,
- e) use of integral or accessory parts that are not suitable/adjusted to our devices.

10. If there is reason for complaint about a diamond tool(s), this tool(s) must be removed from the machine immediately! To protect your interest and to conduct a proper inspection, a segment height of at least 20 % (of height in new condition) is required. Failure to observe this will lead to any claims to replacement that you may have being avoided!!

11. If warranty claims are satisfied by us, then this neither extends the warranty period nor does it begin a new warranty period for the device. The warranty period for installed spare parts shall end no sooner or later than the warranty period for the device.

12. Otherwise, our complete terms of sale and delivery apply.

Quality, efficiency and a high-quality service!

... under this motto Cedima GmbH has been developing and distributing diamond tools and machines for the construction industry since 1984.

Competent and qualified employees ensure the high level of quality of our products and machines regarding performance, reliability and efficiency. We are committed to continuous improvement processes and we herewith guarantee a steady certification in accordance with DIN ISO 9001:2015.

We owe a major part of our success in Germany and abroad in the past 35 years to the great confidence of our customers of the construction industry, of the concrete drilling and sawing branch. Today we export our diamond tools and machines to more than 65 countries throughout the world.

Through the active cooperation with our customers and a great number of distribution and service partners we guarantee a user-orientation for our products as well as short delivery and service times.

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