

PRODUCT PROGRAM 2013

» Floor solutions for ... **GRINDING**



... **MILLING**



... **CLEANING**



... **TROWELLING**

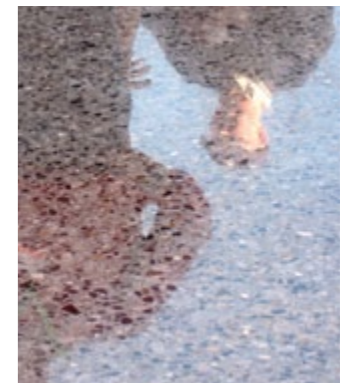


GRINDING

» DSM 250 – 430 – 530 – 530S – 650S – 800S



Coating removal



Polished concrete (Crystal finish)

Special characteristics	DSM 250	DSM 430	DSM 530	DSM 530S
ETX – Tool exchange		X	X	XX
DIF – Diamond floating device	X	X	X	X
Ergonomical handle design		X	X	X
MOP – Motor overload protection	X	X	X	X
Counter rotating tools		X	X	X
Grinding pressure, adjustable		X		
Speed control		X	X	X
Tool turning direction	R	R	R/L	R/L
Dismountable for transport		X	X	
Transport grip	X	X	X	
Dead man switch	X	X	X	X

Special characteristics	DSM 650S	DSM 800S
ETX – Tool exchange	X	X
DIF – Diamond floating device	X	X
Ergonomical handle design	X	X
MOP – Motor overload protection	X	X
Counter rotating tools	X	X
Grinding pressure, adjustable	X	X
Speed control	X	X
Tool turning direction	R/L	R/L
Dead man switch	X	X



Grinding up to the edge

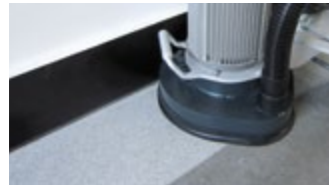


Multipurpose applications



Ergonomic handle design

» DSM 250 – 430



Grinding to the edge



One diamond system for all floor grinders



With scarifier tool

DSM 250 – Working up to the edge

Fast, easy and ergonomically grinding of edges without being on your knees. A swivelling grinding head allows three working positions: Left – Right – Center. An individually adjustable dust shield ensures dust free grinding and a low vibration as well.

Applications

Grinding and polishing of concrete, screed and stone floors, removal of glue and filler, levelling of uneven floors.

Features

- Grinding up to the edge
- Swivelling grinding head left/right
- DIF-Diamond Floating Device
- ETX-Easy Tool Exchange
- Low in vibration

DSM 250



» DSM 530 – 530S



ETX-Easy-Tool-Exchange



With integrated water dosing



DIF-Diamond Floating Device

DSM 530 – Low in vibration with integrated water dosing

A conventional grinder for concrete, screed and natural stone floors. Very comfortable to operate as it comes standard with anti-shock drive mechanism and water control direct from the handle when grinding wet.

Applications

For subfloor preparation and floor polishing.

Features

- Ergonomical in operation
- Standard with integrated water dosing for wet grinding
- Dismountable for transport
- DIF-Diamond Floating Device = less vibration
- Speed control R/L

DSM 530



Multipurpose use



With integrated water dosing



Dismountable for transport

DSM 430 – Universal use

Compact in design and easy to use. The DSM 430 is an allpurpose machine for stripping, scarifying, grinding and polishing. For transport purpose it can be dismounted in two parts.

Applications

For grinding, polishing, coating removal, cleaning of scaffolding and industrial floors.

Features

- Dismountable for transport
- ETX-Easy Tool Exchange
- DIF-Diamond Floating Device
- Speed control
- Standard with a water dosing device

DSM 430



Concrete polishing



Tools for any application



Robust in design

DSM 530S – Advanced and powerful

DSM 530S combines high grinding performance and operator friendly features. The ergonomic and grip friendly handle as well as the anti-shock drive ensure high operator comfort and less fatigue to the human body. Due to the powerful drive mechanism and robust engineering it is the right solution for heavy duty applications.

Applications

For coating removal, renovation und polishing of concrete and stone floors.

Features

- For heavy duty work
- High grinding performance
- DIF-Diamond Floating Device = less vibration
- ETX-Easy Tool Exchange
- Speed control R/L
- Easy to use

DSM 530S



Technical data		DSM 250	DSM 430
Voltage	V	230	230
Frequency	Hz	50	50
Motor	kW	2,2	2,2
Ø-working width	mm	250	430
Ø-grinding disc	mm	1 x 250	3 x 160
Grinding pressure	kg	35	70–95
Weight	kg	57	103–128
Working to the edge	mm	0	10
Tool speed	r.p.m.	1450	400–1200
Tank	l		10
Ø-suction outlet	mm	50	50
Ref. No.		713500	710116

Technical data		DSM 530	DSM 530S
Voltage	V	400	400
Frequency	Hz	50	50
Motor	kW	4,0	7,5
Ø-working width	mm	530	530
Ø-grinding disc	mm	3 x 200	3 x 230
Grinding pressure	kg	110	165
Weight	kg	152	238
Working to the edge	mm	10	10
Tool speed	r.p.m.	400–1200	400–1200
Tank	l	10	15
Ø-suction outlet	mm	50	76
Ref. No.		715500	711502



Central dust outlet



Robust drive mechanism



Ergonomic handle bar

DSM 650S – Strong and reliable

Designed for professional and multipurpose tasks with high grinding performance. With ergonomical and operator friendly handle-bar. Comes standard with tank and anti-shock drive mechanism (DIF). The grinding pressure is individually adjustable with saddle weights (optional).

Applications

For floor renovation, grinding and polishing of concrete, industrial screeds and stone floors.

Features

- DIF- Diamond Floating Device = less vibration
- Adjustable grinding pressure (optional)
- Ergonomic handle design
- ETX-Easy-Tool-Exchange
- Standard with water tank

DSM 650S



DSM 800S – For large areas

The right answer for professional grinding of large areas on time. The DSM 800 proves itself by the powerful drive system and high grinding performance also under heavy working conditions.

Applications

Suited for coating removal, grinding and polishing of concrete, industrial- and natural stone floors.

Features

- DIF- Diamond Floating Device = less vibration
- Adjustable grinding pressure (optional)
- Ergonomic handle design
- ETX-Easy-Tool-Exchange
- Robust in design

DSM 800S



Swivelling saddle weight









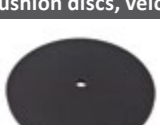
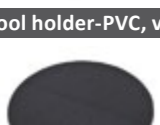

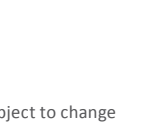



Technical data		DSM 650S	DSM 650S	DSM 800S
Voltage	V	400	400	400
Frequency	Hz	50	50	50
Motor	kW	7,5	11	15
Ø-working width	mm	650	650	800
Ø-grinding disc	mm	3 x 230	3 x 230	3 x 270
Grinding pressure	kg	180–240	200–260	320–370
Weight	kg	290–340	310–360	430–480
Working to the edge	mm	10	10	10
Tool speed	r.p.m.	400–1200	400–1200	400–1200
Tank	l	15	15	
Ø-suction outlet	mm	76	76	76
Ref. No.		712005	712006	716001

Machine	Volt/Hz	kW	r.p.m.	kg	Plug	Ref.
DSM 250	230/50	2,2	1450	57	16A,EU	713500
DSM 430	230/50	2,2	400–1200	103	16A,EU	710116
DSM 530	3 x 400/50	4,0	400–1200	152	16A,EU	715500
DSM 530S	3 x 400/50	7,5	400–1200	238	16A,EU	711502
DSM 650S	3 x 400/50	7,5	400–1200	290–340	16A,EU	712005
DSM 650S	3 x 400/50	11	400–1200	310–360	32A,EU	712006
DSM 800S	3 x 400/50	15	400–1300	430–480	32A,EU	716001

» Accessories DSM 250 – 430

DSM 250		Ref.
	Diamond carrier, Ø 250 mm for resin bond diamond 1 pc. required	713469
	Front support wheel, conversion kit	713510
DSM 430		
	Tool carrier, 3 pcs. required for: surface milling plate, carrier plate with velcro backing, ETX-carrier plate	708521
	ETX-Carrier plate Ø 160 mm for metal bond diamonds, 3 pcs. required	713050
	Carrier plate with velcro backing Ø = 150 mm for sanding discs, resin bond diamonds, 3 pcs. required	708522
	Saddle weight 2 x 13 kg, Set = 2 pieces	710582
	Scrubbing brush, PPN/wire 0.7 mm, diam. 160 mm, with tool carrier plate, max. 600 r.p.m. To be mounted directly on the drive flange	522001
	Spring steel brush with tool carrier plate, max. 600 r.p.m. To be mounted directly on the drive flange	521801

Subject to change

DSM 530S – 650S – 800S		Ref.
	DSM 530 ETX-carrier, System DIF-Diaflex, Ø – 200 mm, 3 pcs. required	713051
	DSM 530S DSM 650S ETX-carrier, System DIF-Diaflex, Ø – 230 mm, 3 pcs. required	713052
	DSM 800S ETX-carrier, System DIF-Diaflex, Ø – 270 mm, 3 pcs. required	713053
	DSM 530S DSM 650S Diamond carrier, barracuda Ø – 230 mm, 3 pcs. required	706547
	DSM 800S Diamond carrier, barracuda Ø – 270 mm, 3 pcs. required	707617
	DSM 530 DSM 530S DSM 650S DSM 800S ETX-velcro shoe, Ø – 76 mm, resin bond diamond pads, 9 pcs. required	713055
	Replacement velcro disc	601310
	DSM 650S Saddle weight, adjustable, 2 x 25 kg, set = 2 pieces	708930
	DSM 800S Saddle weight, adjustable, 2 x 45 kg, set = 2 pieces	716105
	DSM 530S Power supply cord, 400V/50Hz, 25 m, 16A, Ø – 2,5 mm ²	701776
	DSM 650S DSM 800S Power supply cord, 400V/50Hz, 25 m, 32A, Ø – 4,0 mm ²	707790
	DSM 250 DSM 430 Power supply cord, special 230V/50Hz, 20 m, 16A, Ø – 2,5 mm ²	718550
	ETX-Adapter, conversion from wing system to ETX	713096
Cushion discs, velcro/velour		
	D 150 mm	707911
	D 185 mm	707912
	D 200 mm	707913
	D 240 mm	707914
	D 270 mm	707915
Tool holder-PVC, velcro/velour		
	D 150 mm	707916
	D 185 mm	707917
	D 200 mm	707918
	D 240 mm	707919
	D 270 mm	707920



ETX-Diamonds	Colour	Grain	Floor	Ref.
	red	EX-SSC 20E	Screed, concrete	713160
		EX-SSC 40E		713163
		EX-SSC 20		713150
		EX-SC 20		713000
		EX-SC 40		713001
	black	EX-GC 16	Concrete	713004
		EX-GC 20E		713143
		EX-GC 20		713005
		EX-GC 40E		713161
		EX-GC 40		713006
		EX-GC 80		713007
		EX-GC 80E		713164
		EX-GC 150		713008
	yellow	EX-HC 16	very hard	713009
		EX-HC 20E		713144
		EX-HC 20		713010
		EX-HC 40E		713162
		EX-HC 40		713011
		EX-HC 80E		713165
		EX-HC 80		713014
		EX-HC 150		713012
				orange
EX-VSF 22E	713166			
EX-VSF 22	713151			
EX-VSF 20	Micro terrazzo		713021	
EX-VSF 40	very, very hard		713022	
EX-VSF 80			713023	
EX-VSF 150			713024	
Natural stone				
	green	EX-SBC 40	Natural stone, terrazzo, marble	713028
		EX-SBC 60		713029
		EX-SBC 120		713030
	blue	EX-SBG 40	Granite	713035
		EX-SBG 60		713036
		EX-SBG 80		713038
		EX-SBG 120		713037






Subject to change

Coating removal	Ref.
DSM 250	Surface milling plate cpl. with 24 star wheels, 30 x 11,5 x 6,0 mm, 1 pcs. required Replacement kit complete of 24 x star wheels, 18 washers, 6 x bolts, 12 bearing blocks 713460
DSM 430	Surface milling plate cpl. with 9 x star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required Replacement kit complete of 27 x star wheels, 18 washers, 9 x bolts 708788
DSM 530	Surface milling plate cpl. with 12 star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required Replacement kit complete of 36 x star wheels, 27 washers, 9 x bolts 710332
DSM 530S DSM 650S	Surface milling plate cpl. with 15 star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required Replacement kit complete of 45 x star wheels, 36 washers, 9 x bolts 708507
ETX-Diamonds	
gold	EX-Pull-S,R Coatings, epoxy DSM 250-430-530 715611
gold	EX-Pull-D,R Coatings, epoxy DSM 530S-650S-800S 708827
gold	Barracuda-S,R Coatings, epoxy 711777
gold	EX-Stripp,R soft Glue, paintings, resin, mastic asphalt DSM 250-430-530-530S-650S-800S 708831
red	Barracuda, HC-Splitt Coatings, mastic asphalt 713106
blue	Barracuda, GC-Splitt Coatings, mastic asphalt 713043
Bush hammering	
DSM 530S	Bush hammering conversion kit kpl. 707775
	Bush hammering roller with housing and bearing 707900
	Bush hammering replacement roller, 9 pcs. required 707903
	707904

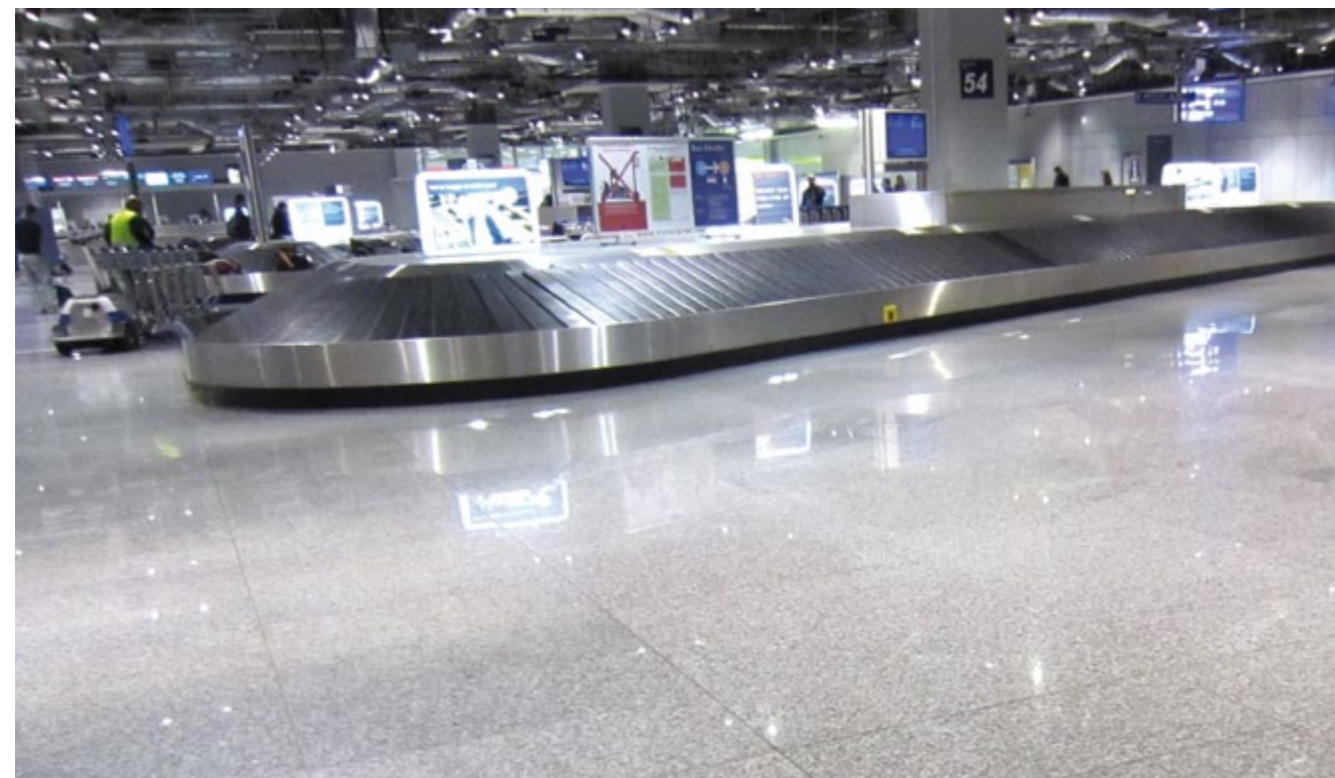
Subject to change





» Diamond pads

Diamond pads	Colour	Grain	Ø 76 mm, Dry	Ref.
	green	50	BEST-POLISH 10 mm	713082
	black	120	<i>Crystal finish</i>	713083
	red	220	Concrete, artificial terrazzo	713084
	yellow	400		713085
	white	800		713086
	blue	1800		713087
	grey	3500		713088
Ø 76 mm, Dry				
	green	50	HYBRID, long life, 8 mm	722021
	black	100	Concrete, artificial terrazzo	722022
	red	200	very aggressive, for scratch	722023
	yellow	400	removal left from metal bond tools	722024
Ø 76 mm, Wet				
	green	50	BEST-POLISH-HL, long life, 10 mm	713090
	black	120	Concrete, artificial terrazzo, marble	713091
	red	220		713092
	yellow	400		713093
Ø 76 mm, Wet				
	green	50	ALL GRIND, 8 mm	722000
	black	120	Marble, granite, cement terrazzo	722001
	red	220		722002
	yellow	400		722003
	white	800		722004
	blue	1800		722005
	grey	3500		722006
	Lux-black	Granit		722007
	Lux-white	Granit		722008
	Ø 76 mm, Wet			
	green	50	LUX, 10 mm	713190
	black	100	Granite	713191
	red	200		713192
	yellow	400		713193
	white	800		713195
	blue	1500		713196
	grey	3000		713197
	marine	10000		713198

Subject to change



» System Tornado

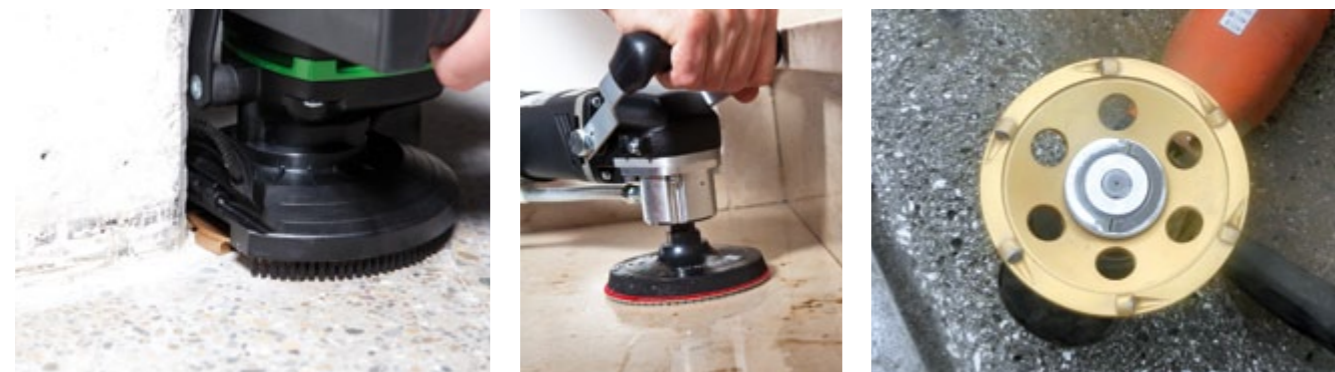
Tornado Hybrid (TH)		Grinding and polishing – WET	
Tornado-Hybrid (TH), is a flexible grinding and polishing system with Hybrid- and Resin bond diamonds to be used with single discs or high-speed machines for the renovation and polishing of natural stone floors like marble, terrazzo and concrete tiles.			
	K 50	Grinding and polishing of Marble, terrazzo, concrete tiles	722080
	K 100		722081
	K 200		722082
	K 400		722083
	K 800		722084
	Carrier plate for Tornado-Hybrid, Ø 430 mm		722090

Subject to change





» Hand grinder

DSM 125, hand grinder		Ref.
	DSM 125, hand grinder, 230V/50Hz, 1800W, 10.000 1/min, 6,2 kg, 22,23 mm tool carrier, cpl. with diamond disc standard, transport case in metal, suction ring with edging device, (package price)	616004
	Suction hose, D32 x 0,60 m for DSM 125-1800	702294
DSM 125P, dry polisher		
	DSM 125P, dry polisher, 1200W, 900-2.500 1/min, 2,4 kg, cpl. with, 616012 carrier plate, 616003 transport case, 616013 suction ring, 616014 locking band, 616015 button screw, 616016 connection piece, diamond pads Superflex-D, G50-120-220-400, (package price)	616010
DSM 125WS, wet polisher		
	DSM 125WS, wet polisher, 1300W, 1.300-2.175-3.050 1/min, 2,9 kg, with soft hand grip, PRCD-safety switch	616017
	Transport case, metal for DSM 125WS	616019
	Carrier plate, velcro, M 14, 123 mm	616020
	Carrier plate, velcro, M 14, 147 mm	616021
	Carrier plate with foam rubber, Velcro, M 14, 123 mm	616012



Subject to change

» Accessories for hand grinders

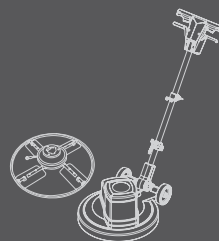
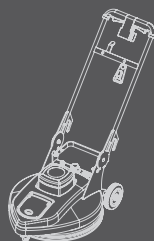
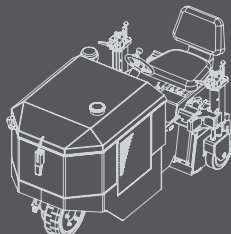
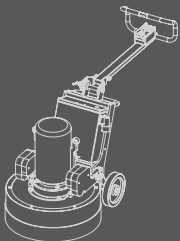
Barracuda-cutter, for coatings (inner Ø 22,23 mm)		Nr art.
	For thin coatings	
	Barracuda milling tool, PKD, 12-125, black	713170
	Barracuda milling tool, PKD, 18-175, black	713175
	For thick coatings	
	Barracuda-Rapid, PKD, 6-125, gold	713182
	Barracuda-Rapid, PKD, 6-3-175, gold	713183
Diamond disc, wet-dry (inner Ø 22,23 mm)		
	125 mm	
	Diamond disc, DR, VSF 125, blue, concrete very, very hard	713171
	Diamond disc, DR, HC 125, light blue, concrete very hard	713172
	Diamond disc, DR, GC 125, green, concrete standard	713173
	Diamond disc, DR, SC 125, brown, Estriche, concrete	713174
	175 mm	
	Diamond disc, DR, VSF 175, blue, concrete very, very hard	713176
	Diamond disc, DR, HC 175, light blue, concrete very hard	713177
	Diamond disc, DR, GC 175, green, concrete standard	713178
	Diamond disc, DR, SC 175, brown, screed, concrete	713179
Turbo-Cut, for concrete, screed, terrazzo, natural stone (thread M 14)		
	Turbo-Cut, M14-125, medium	713180
	Turbo-Cut, M14-125, fine	713181
Diamatpads-Superflex-D, dry		
	125 mm	
	K 50	713112
	K 120	713113
	K 220	713114
	K 400	713115
Diamantpads-Superflex-W, wet		
	100 mm	
	K 50	713200
	K 100	713201
	K 200	713202
	K 400	713203
125 mm	K 50	713214
	K 100	713215
	K 200	713216
	K 400	713217
150 mm	K 50	713207
	K 100	713208
	K 200	713209
	K 400	713210

Subject to change



» Brilliant floors –
we'll give your floor
the perfect finish!

Tip: Economical and professional floor preparation –
we make it happen!



GRINDING

MILLING

CLEANING

TROWELLING

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