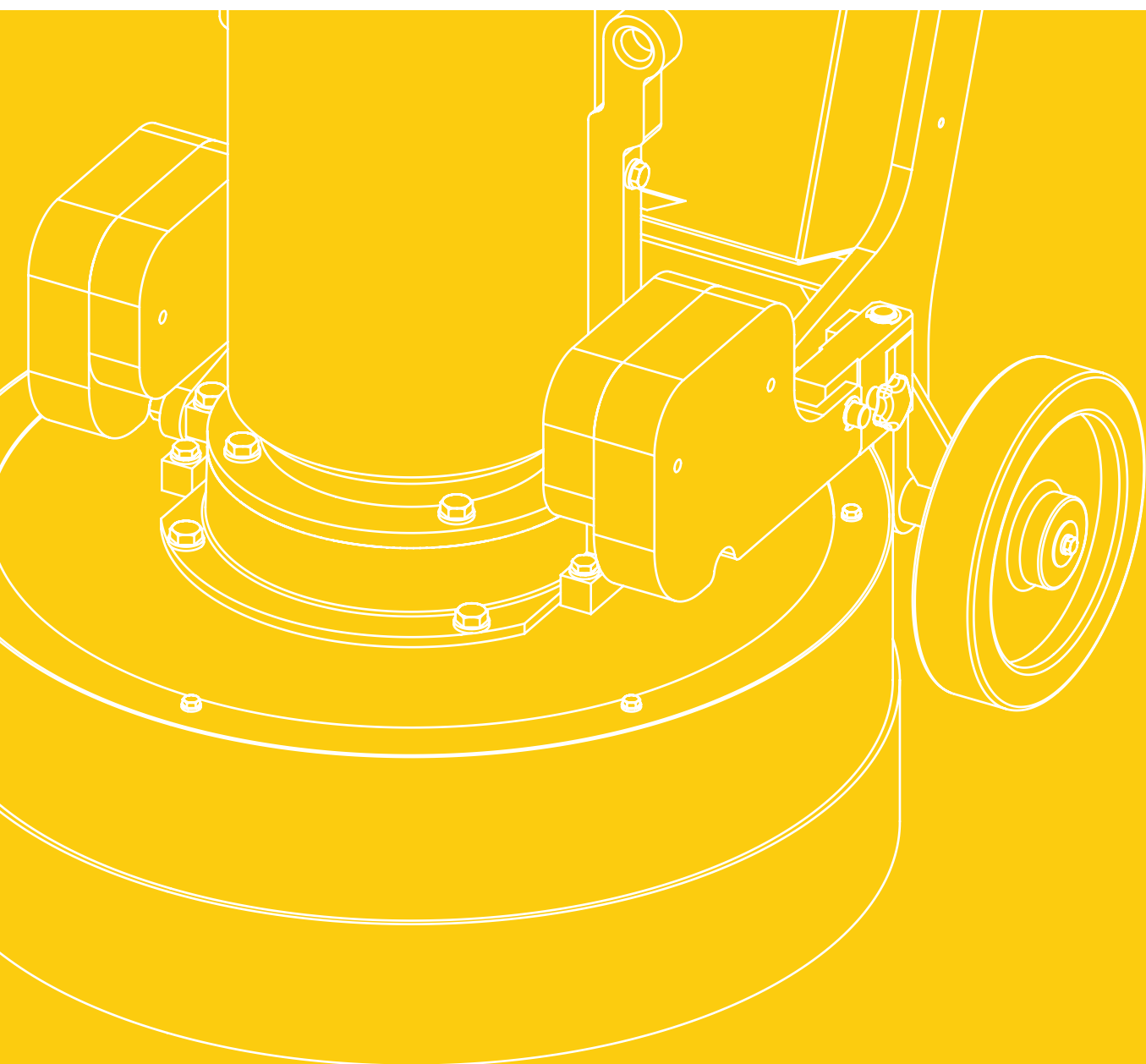
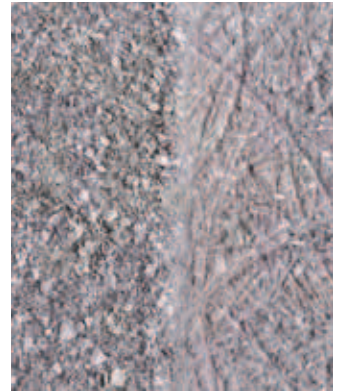


GRINDING

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



» 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	X	X
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 650S	DSM 800S
ETX – Tool exchange	X	X	X
DIF – Diamond floating device	X	X	X
Ergonomical handle design	X	X	X
MOP – Motor overload protection	X	X	X
Counter rotating tools	X	X	X
Grinding pressure, adjustable	X	X	X
Speed control	X	X	X
Tool turning direction	R/L	R/L	R/L
Dead man switch	X	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
- Swiveling grinding head left/right
- DIF-Diamond Floating Device
- ETX-Easy Tool Exchange
- Low in vibration

DSM 250



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 dismantled 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



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

» 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



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 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

» DSM 650S – 800S



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



Swivelling saddle weight

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



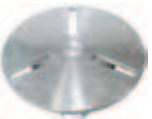


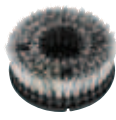



Technical data		DSM 650S	DSM 650S	DSM 800S
Voltage	V	400	400	400
Frequency	Hz	50	50	50
Motor	kW	7,5	11	15
Ø-working width	mm	650	650	800
Ø-grinding disc	mm	3 x 230	3 x 230	3 x 270
Grinding pressure	kg	180–240	200–260	320–370
Weight	kg	290–340	310–360	430–480
Working to the edge	mm	10	10	10
Tool speed	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



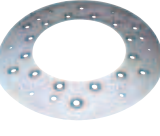




» DSM 250 – 430 – 530 – 530S – 650S – 800S

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
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






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

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 500S	SB-carrier plate cpl. for metal bond diamonds, 3 pcs. required, Ø – 230 mm	704364
	DSM 530 DSM 530S DSM 650S DSM 800S	ETX-velcro shoe, Ø – 76 mm, resin bond diamond pads, 9 pcs. required	713055
	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-Diamonds	Colour	Grain	Floor	Ref.
	red	EX-SSC 20 ^E	Screed, concrete	713160
		EX-SSC 40 ^E		713163
		EX-SSC 20		713150
		EX-SC 20		713000
		EX-SC 40		713001
	black	EX-GC 16	Concrete <i>standard</i>	713004
		EX-GC 20 ^E		713143
		EX-GC 20		713005
		EX-GC 40 ^E		713161
		EX-GC 40		713006
		EX-GC 80		713007
		EX-GC 80 ^E		713164
		EX-GC 150		713008
	yellow	EX-HC 16	<i>very hard</i>	713009
		EX-HC 20 ^E		713144
		EX-HC 20		713010
		EX-HC 40 ^E		713162
		EX-HC 40		713011
		EX-HC 80 ^E		713165
		EX-HC 80		713014
		EX-HC 150		713012
		EX-HC 300		713013
	orange	EX-VSF 16	Concrete, coatings, resin	713020
		EX-VSF 22 ^E		713166
		EX-VSF 22		713151
		EX-VSF 20	Micro terrazzo	713021
		EX-VSF 40	<i>very, very hard</i>	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

» Diamond tools, Surface milling plate

Coating removal			Ref.	
	DSM 250	Surface milling plate cpl. with 24 star wheels, 30 x 11,5 x 6,0 mm, 1 pcs. required	713460	
		Replacement kit complete of 24 x star wheels, 18 washers, 6 x bolts, 12 bearing blocks	708788	
	DSM 430	Surface milling plate cpl. with 9 x star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required	710332	
		Replacement kit complete of 27 x star wheels, 18 washers, 9 x bolts	708507	
	DSM 530	Surface milling plate cpl. with 12 star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required	715611	
		Replacement kit complete of 36 x star wheels, 27 washers, 9 x bolts	708827	
	DSM 530S DSM 650S	Surface milling plate cpl. with 15 star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required	711777	
	DSM 500S	Surface milling plate cpl. with 16 x star wheels, 30 x 11,5 x 6,0 mm, 3 pcs. required	704960	
		Replacement kit complete of 48 x star wheels, 36 washers, 12 x bolts	708137	
	DSM 800S 11 kW	Surface milling plate cpl. with 20 x star wheels, 30 x 11,5 x 6,0mm, 3 pcs. required	707765	
		Replacement kit complete of 60 x star wheels, 48 x washer, 12 x shaft	708190	
		For roughening, removal of coatings, paintings, glue, floor residues leaves a fine finish		
ETX-Diamonds	Colour	Grain	Floor	Ref.
	gold	EX-Pull-S,R	Coatings, epoxy <i>DSM 250-430-530</i>	713106
	silver	EX-Pull-S,L	<i>DSM 500/S</i>	713105
	gold	EX-Pull-D,R	Coatings, epoxy <i>DSM 530S-650S-800S</i>	713043
	silver	EX-Pull-D,L	<i>DSM 500/S</i>	713044
	gold	Barracuda-S,R	Coatings, epoxy <i>DSM 530S-650S-800S</i>	707775
	gold	Barracuda-Split		707779

» Diamond pads

Diamond pads	Colour	Grain	Ø 76 mm, Dry	Ref.
	green	50	BEST-POLISH 10 mm <i>Crystal finish</i> Concrete, artificial terrazzo	713082
	black	120		713083
	red	220		713084
	yellow	400		713085
	white	800		713086
	blue	1800		713087
	grey	3500		713088
Ø 76 mm, Dry				
	green	50	HYBRID, long life, 8 mm Concrete, artificial terrazzo very aggressive, for scratch removal left from metal bond tools	722021
	black	100		722022
	red	200		722023
	yellow	400		722024
Ø 76 mm, Wet				
 	green	50	ALL GRIND, 8 mm Marble, granite, cement terrazzo	722000
	black	120		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	EPOX, 8 mm Microterrazzo, glassterrazzo, concrete tiles	722011
	black	120		722012
	red	220		722013
	yellow	400		722014
	white	800		722015
	blue	1800		722016
	grey	3500		722017
Ø 76 mm, Wet				
	green	50	LUX, 10 mm Granite	713190
	black	100		713191
	red	200		713192
	yellow	400		713193
	white	800		713195
	blue	1500		713196
	grey	3000		713197
	marine	10000		713198



» 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.

		Ø 430 mm	Ref.
	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