Product Overview and Application Recommendations

janser
Professional Flooring Technology

Sanding + grinding machines with QUICK-CHANGE system











	HF 180 Caddy	Speedtronic	BS 330	BSM 250	BSM 400 - 2.2 kW	BSM 400 - 4.0 kW	BSM 530	BS 580	BS 600
Order no.	114 036 000	112 770 000	112 986 000	112 921 000	112 923 000	112 924 000	112 925 000	112 973 500	112 974 000
Power supply	230 V	230 V	230 V	230 V	230 V	400 V	400 V	400 V	400 V
Motor power	1.500 W (2,04 hp)	2.200 W (2,99 hp)	1.500 W (2,04 hp)	2.2 kW (2,99 hp)	2.2 kW (2,99 hp)	4 kW (5,43 hp)	4 kW (5,43 hp)	5,5 kW (7.4 hp)	5,5 kW (7.4 hp)
Working width	180 mm (7 1/16")	375 mm (14 3/4")	330 mm (13")	250 mm (9 7/8")	400 mm (15¾")	400 mm (15¾")	530 mm (20¾")	580 mm (22 13/16")	600 mm (23 ⅝")
Speed rpm.	800 – 2.400	80 – 400	600	1.450	600	900	400 - 1.150	670	950
Weight	11 kg (24,25 lbs)	65 kg (143,29 lbs)	65 kg (143,29lbs)	56 kg (123,46 lbs)	74,5 kg (164,24 lbs)	107,5 kg (237 lbs)	150 kg (330,69 lbs)	180 kg (397 lbs)	248 kg (547 lbs)
Recommended up to approx.	10 m² (11 yds²)	150 m² (179,4 yards²)	150 m² (179,4 yards²)	100 m² (119,6 yards²)	200 m² (239,2 yards²)	300 m² (358,8 yards²)	400 m² (478,4 yards²)	from 100 m² (119,6 yards²)	from 200 m² (239,2 yards²)
Number of segments	3	5	3 or 6	3	6	6	3 x 3	2 x 3	4 x 3
Turning direction		LH	LH	LH	LH	LH	LH	3x LH and 3x RH	6x LH u. 6x RH

QUICK-CHANGE Segments

Quality specification
** Professional for premium perfomances
* ECO for standard performances

+ partly recommendable
++ recommendable
+++ highly recommendable





















		**	**	*	*	**	**	**	*	*	**	**	**	**	**	*	*	*	*	*
		single-row with carbide web	double-row with carbide web	PCD double row with stability bar	PCD HD single row	double-row without carbide web	PCD 4-trapezoid 90°	DUO 2x PCD, 2x bar	PCD Piranha, 5 PCD teeth	PCD split diamond segment	PCD head segment	trapezoid grit 14/18	trapezoid grit 30/40	trapezoid grit 60/80	PCD split crown	blue HB	green MB	red 1 diamond head grit 30 - 120	red 2 diamond head grit 30 - 120	gold 1 diamond head grit 30 - 120
Left rotation LH	Order no.	112 380 010	112 380 030	112 382 360	112 382 300	112 380 040	112 380 260	112 380 060	112 382 370	112 382 100	112 380 020	112 380 077	112 380 070	112 380 075	112 380 090	112 382 4..	112 382 2..	112 999 75.	112 999 73.	112 999 85.
Clockwise rotation RH	Order no.			112 382 350	112 382 310		112 985 360	112 985 310	112 382 380											
Rather high grinding pressure		++			++													++		++
Rather low grinding pressure			++	++		++	++	++	++	++	++	++	++	++	++	++	++		++	
Rather hard subfloor		++	++	++	++	++	++	++	++	++	++	++	++	++	++		++			
Rather soft subfloor		+	++	++	+	+	+	++	++	++	++					++				
For grinding of soft surfaces like screed										++	++					++				
For grinding of medium to hard surfaces like concrete										++	++	++	++	++	+		++			
For grinding of very hard surfaces like hard concrete												++	++	++	++			++	++	
For grinding of extremly hard surfaces like extrem hard concrete															++					++
Sanding of self levelling compounds										+	+	++	++	++	+++		+			
Sanding of very hard self levelling compounds										++	++	++	++	+	+	++	+			
Sanding of screed		++	++	++	++	++	++	++	++											
Removing/Grinding of screed Anhydrite screed new										++	++	+++	+++	++	+++					
Anhydrite screed old, hard										++	++	+++	++	+	+++					
Sanding of laquer and coatings										++	++	+++	+++	+	++					
Removing of laquer / coatings		++	++	++	++	++	+++	++	++	++	++	+	+		+					
Removal of adhesive residues hard		++	++	++	+++	++	++	+++	++	+	+	+	+		+					
Removal of adhesive residues soft		++	++	+++	+++	++	+++	+++	+++	+	+	+	+	+	+					
Removal of self levelling compounds		++	++	++	++	+	++	+++	+++	+	+	+	+		++					
Removal of floor covering residues		+	+	+	+	+	+	++	++	+	+									

All recommendations refer on experiences and are dependant to the experience and skills of the operator and the machines used. This information is supplied without liability.
Further information and recommendations for our machines and insertion tools can be found in our main catalogue or via our technical advisers. (Date 03-2023)