

HBS-916W / HBS-1018W – Metal band saws

Sawing

- Fully-hydraulic down feed system
- 4 Blade speeds allows cutting of different materials
- Automatic power shut-off after cut
- Machine stand with integrated coolant system standard
- Quick-positioning vise with fully adjustable jaws swivels to 45°

Included in delivery

- Bi-metal saw blade 4/6TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Wheel and belt covers controlled by limit switch

Stock number	414468T	414473T
Model	HBS-916W	HBS-1018W
Power	2050 W/400V	2750 W/400V
Cutting capacity 90°	Ø 225/225 x 355 mm	Ø 250/250 x 415 mm 200 x 450 mm
Cutting capacity 45°	Ø 180/180 x 155 mm	Ø 190/250 x 190 mm
Blade speeds	25/40/52/72 m/min.	25/40/50/70 m/min.
Swivelling range	Vise 0–45°	Vise 0–45°
Weight	285 kg	355 kg

Details see page: 23



Brass brush wheel for saw blade cleaning



Central control unit

Accessories

- 50000315 Bi-metal saw blade 4/6TPI (HBS-916W)
- C123.2273300 Bi-metal saw blade 4/6TPI (HBS-1018W)

Details see page: 22

Technical details



Stock number (230V)	50000200M	50000210M	–	50000310M	414458M	414459M	50000301M
Stock number (400V)	–	50000210T	50000220T	–	–	414459T	50000301T
Model	MCS-225	MCS-275	MCS-315	HVBS-34VS	HVBS-56M	HVBS-712K	HVBS-812RK
Motor power input (230V)	1300 W / S ₆ 40%	1600 W / S ₆ 40%	–	850 W / S ₆ 40%	650 W / S ₆ 40%	950 W / S ₆ 40%	1250 W / S ₆ 40%
Motor power output (230V)	745 W / S ₁ 100%	950 W / S ₁ 100%	–	400 W / S ₁ 100%	370 W / S ₁ 100%	550 W / S ₁ 100%	745 W / S ₁ 100%
Motor power input (400V)	–	1600 W / S ₆ 40%	2950 W / S ₆ 40%	–	–	1400 W / S ₆ 40%	1400 W / S ₆ 40%
Motor power output (400V)	–	950 W / S ₁ 100%	1700 W / S ₁ 100%	–	–	745 W / S ₁ 100%	745 W / S ₁ 100%
Cutting capacity tubing 90°	Ø 65 mm 50 x 80 mm	Ø 80 mm 50 x 100 mm	Ø 100 mm 70 x 120 mm	Ø 85 mm □ 85 mm □ 100 x 75 mm	Ø 125 mm □ 125 mm □ 150 x 125 mm	Ø 180 mm □ 180 x 180 mm □ 65 x 300 mm	Ø 200 mm □ 180 mm □ 305 x 180 mm
Cutting capacity tubing 45°	Ø 60 mm □ 50 x 60 mm	Ø 65 mm □ 50 x 70 mm	Ø 90 mm □ 70 x 85 mm	Ø 65 mm □ 65 mm	Ø 95 mm □ 75 mm	Ø 110 mm □ 180 mm x 110 mm	Ø 125 mm □ 120 mm
Cutting capacity solid	Ø 30 mm	Ø 40 mm	Ø 80 mm	Ø 50 mm	Ø 50 mm	Ø 100 mm	Ø 100 mm
Saw blade	Ø 225 / 32 mm	Ø 275 / 32 mm	Ø 315 / 32 mm	–	–	–	–
Saw blade dimensions	–	–	–	13 x 0,65 x 1325 mm	13 x 0,6 x 1640 mm	20 x 0,9 x 2362 mm	20 x 0,9 x 2362 mm
Blade speed (230V)	52 rpm	42 rpm	–	–	–	–	–
Blade speed (400V)	–	42 / 84 rpm	42 / 84 rpm	–	–	–	–
Blade speeds	–	–	–	variabel von 30–80 m/min.	20/30/50 m/min.	20, 32, 45, 72 m/min.	25, 40, 60, 80 m/min.
Saw arm adjustment	0–45°	+/-45°	+/-45°	0–45°	–	–	–
Vise adjustment	–	–	–	–	0–45°	0–45°	0–45°
Diameter of blade wheels	–	–	–	160 mm	187 mm	300 mm	290 mm
Coolant system	2,5 Liter	2,5 Liter	2,5 Liter	–	–	8 Liter	8 Liter
Coolant pump	–	–	–	–	–	100 W / S ₁ 100%	100 W / S ₁ 100%
Dimensions (LxWxH)	620 x 380 x 750 mm	900 x 550 x 800 mm	1000 x 700 x 1100 mm	680 x 340 x 520 mm	1100 x 500 x 1450 mm	1260 x 520 x 970 mm	1250 x 440 x 1100 mm
Weight	58 kg	90 kg	120 kg	15 kg	50 kg	145 kg	160 kg
Page	8	9	9	10	11	12	13



Stock number (230V)	–	–	–	50000320M	–	–	–	–	414418M
Stock number (400V)	414468T	414473T	414471T	–	50000331T	50000341T	414477T	50000440T	414418T
Model	HBS-916W	HBS-1018W	HBS-1321VS	MBS-56CS	MBS-708CS	MBS-910CS	MBS-1014W	MBS-1321VS	VBS-18MW
Motor power input (230V)	–	–	–	650 W / S ₆ 40%	–	–	–	–	2200 W / S ₆ 40%
Motor power output (230V)	–	–	–	350 W / S ₁ 100%	–	–	–	–	1300 W / S ₁ 100%
Motor power input (400V)	2050 W / S ₆ 40%	2800 W / S ₆ 40%	4150 W / S ₆ 40%	–	1400 W / S ₆ 40%	2050 W / S ₆ 40%	2800 W / S ₆ 40%	4150 W / S ₆ 40%	2800 W / S ₆ 40%
Motor power output (400V)	1100 W / S ₁ 100%	1450 W / S ₁ 100%	2200 W / S ₁ 100%	–	745 W / S ₁ 100%	1100 W / S ₁ 100%	1450 W / S ₁ 100%	2200 W / S ₁ 100%	1450 W / S ₁ 100%
Cutting capacity 90°	Ø 225 mm □ 225 x 355 mm	Ø 250 mm □ 250 x 415 mm □ 200 x 450 mm	Ø 330 mm □ 330 x 480 mm □ 225 x 530 mm	Ø 125 mm □ 125 mm □ 150 x 125 mm	Ø 180 mm □ 180 mm □ 150 x 200 mm	Ø 225 mm □ 200 mm □ 240 x 160 mm	Ø 250 mm □ 250 x 350 mm	Ø 330 mm □ 330 x 480 mm □ 225 x 530 mm	–
Cutting capacity 45°	Ø 180 mm □ 180 x 155 mm	Ø 190 mm □ 250 x 190 mm	Ø 330 mm □ 330 x 395 mm	Ø 95 mm □ 75 mm	Ø 115 mm □ 110 mm	Ø 160 mm □ 140 mm □ 155 x 115 mm	Ø 225 mm □ 250 x 225 mm	Ø 330 mm □ 330 x 395 mm	–
Cutting capacity 60°	–	–	–	Ø 44 mm □ 44 mm	Ø 70 mm □ 70 mm	Ø 90 mm □ 90 mm	–	–	–
Saw blade dimensions	27 x 0,9 x 3035 mm	27 x 0,9 x 3300 mm	34 x 1,1 x 4100 mm	13 x 0,6 x 1640 mm	20 x 0,9 x 2085 mm	27 x 0,9 x 2455 mm	27 x 0,9 x 3300 mm	34 x 1,1 x 4100 mm	(3–30) x 3480 mm
Blade speeds	25 / 40 / 52 / 72 m/min.	25 / 40 / 50 / 70 m/min.	20–80 m/min.	20 / 30 / 50 m/min.	40 / 80 m/min.	35 / 70 m/min.	25 / 40 / 50 / 70 m/min.	20–80 m/min.	(6 x) 20–820 m/min.
Vise adjustment	0–45°	0–45°	0–45°	–	–	–	–	0–45°	–
Saw arm adjustment	–	–	–	-45° / 0° / +60°	0° / +60°	0° / +60°	0° / +45°	0° +45°	table -10° -45°
Diameter of blade wheels	330 mm	355 mm	458 mm	187 mm	260 mm	295 mm	355 mm	458 mm	470 mm
Coolant system	16 Liter	23 Liter	23 Liter	–	8 Liter	8 Liter	27 Liter	23 Liter	–
Bed height	635 mm	635 mm	812 mm	755 mm	910 mm	980 mm	635 mm	812 mm	–
Dimensions (LxWxH)	1650 x 710 x 1060 mm	1780 x 790 x 1120 mm	2130 x 825 x 1100 mm	1050 x 560 x 1500 mm	1400 x 1000 x 1750 mm	1500 x 1100 x 1750 mm	1750 x 660 x 1100 mm	2130 x 825 x 1100 mm	970 x 1070 x 1900 mm
Weight	285 kg	355 kg	600 kg	80 kg	180 kg	220 kg	485 kg	600 kg	210 kg
Page	14	14	15	16	17	18	19	20	21