

# HVBS-812RK – Metal band saw

- Blade guides feature parallel double row ball bearing support
- Quick-positioning vise with fully adjustable jaws swivels to 45°
- Powerful motor suitable for continuous operation
- 4 blade speeds allows cutting of different materials
- Brass brush wheel for saw blade cleaning

**Included in delivery**

- Bi-metal saw blade 5/8 TPI
- Adjustable material stop
- Automatic shut-off after cut
- Adjustable material stop for serial production
- Complete coolant system
- Quick-clamping vise

Stock number (230V)	50000301M
Stock number (400V)	50000301T
Power (230V)	1250 W
Power (400V)	1400 W
Cutting capacity 90°	Ø 200 / □ 180 / 305 x 180 mm
Cutting capacity 45°	Ø 125 / □ 120 mm
Blade speeds	25 / 40 / 60 / 80 m/min.
Swivelling range	Vise 0–45°
Weight	160 kg

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Fully adjustable hydraulic downfeed



Complete coolant system

**Accessories**

- C123.220.2362 Bi-metal saw blade 8/12TPI
- 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 <sub>6</sub> 40%	1600 W / S <sub>6</sub> 40%	–	850 W / S <sub>6</sub> 40%	650 W / S <sub>6</sub> 40%	950 W / S <sub>6</sub> 40%	1250 W / S <sub>6</sub> 40%
Motor power output (230V)	745 W / S <sub>1</sub> 100%	950 W / S <sub>1</sub> 100%	–	400 W / S <sub>1</sub> 100%	370 W / S <sub>1</sub> 100%	550 W / S <sub>1</sub> 100%	745 W / S <sub>1</sub> 100%
Motor power input (400V)	–	1600 W / S <sub>6</sub> 40%	2950 W / S <sub>6</sub> 40%	–	–	1400 W / S <sub>6</sub> 40%	1400 W / S <sub>6</sub> 40%
Motor power output (400V)	–	950 W / S <sub>1</sub> 100%	1700 W / S <sub>1</sub> 100%	–	–	745 W / S <sub>1</sub> 100%	745 W / S <sub>1</sub> 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 <sub>1</sub> 100%	100 W / S <sub>1</sub> 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
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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 <sub>6</sub> 40%	–	–	–	–	2200 W / S <sub>6</sub> 40%
Motor power output (230V)	–	–	–	350 W / S <sub>1</sub> 100%	–	–	–	–	1300 W / S <sub>1</sub> 100%
Motor power input (400V)	2050 W / S <sub>6</sub> 40%	2800 W / S <sub>6</sub> 40%	4150 W / S <sub>6</sub> 40%	–	1400 W / S <sub>6</sub> 40%	2050 W / S <sub>6</sub> 40%	2800 W / S <sub>6</sub> 40%	4150 W / S <sub>6</sub> 40%	2800 W / S <sub>6</sub> 40%
Motor power output (400V)	1100 W / S <sub>1</sub> 100%	1450 W / S <sub>1</sub> 100%	2200 W / S <sub>1</sub> 100%	–	745 W / S <sub>1</sub> 100%	1100 W / S <sub>1</sub> 100%	1450 W / S <sub>1</sub> 100%	2200 W / S <sub>1</sub> 100%	1450 W / S <sub>1</sub> 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
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