

## HVBS-56M – Metal band saw

- Hardened and ground worm gear drive for extended life
- Three blade speeds to cut a variety of different materials
- Automatic power shut-off after cut
- Adjustable material stop for serial production
- Low vibration guarantees a precise cut

### Included in delivery

- Bi-metal saw blade 10/12 TPI
- Adjustable material stop
- Stand with casters

Stock number	414458M
Power	650 W/230V
Cutting capacity 90°	Ø 125 / □ 125 / 125 x 150mm
Cutting capacity 45°	Ø 95 / □ 75
Blade speeds	20 / 30 / 50 m/min.
Swivelling range	Vise 0 – 45°
Weight	50 kg

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Large transport wheels and built-in handle for easy transport



Fully adjustable ball bearing blade guides

### Accessories

- C123.013 Bi-metal saw blade 8/12 TPI

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**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 50x80 mm	Ø 80 mm 50x100 mm	Ø 100 mm 70x120 mm	Ø 85 mm □ 85 mm □ 100x75 mm	Ø 125 mm □ 125 mm □ 150x125 mm	Ø 180 mm □ 180x180 mm □ 65x300 mm	Ø 200 mm □ 180 mm □ 305x180 mm
Cutting capacity tubing 45°	Ø 60 mm □ 50x60 mm	Ø 65 mm □ 50x70 mm	Ø 90 mm □ 70x85 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	-	-	-	13x0,65x1325 mm	13x0,6x1640 mm	20x0,9x2362 mm	20x0,9x2362 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)	620x380x750 mm	900x550x800 mm	1000x700x1100 mm	680x340x520 mm	1100x500x1450 mm	1260x520x970 mm	1250x440x1100 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 □ 225x355 mm	Ø 250 mm □ 250x415 mm □ 200x450 mm	Ø 330 mm □ 330x480 mm □ 225x530 mm	Ø 125 mm □ 125 mm □ 150x125 mm	Ø 180 mm □ 180 mm □ 150x200 mm	Ø 225 mm □ 200 mm □ 240x160 mm	Ø 250 mm □ 250x350 mm	Ø 330 mm □ 330x480 mm □ 225x530 mm	-
Cutting capacity 45°	Ø 180 mm □ 180x155 mm	Ø 190 mm □ 250x190 mm	Ø 330 mm □ 330x395 mm	Ø 95 mm □ 75 mm	Ø 115 mm □ 110 mm	Ø 160 mm □ 140 mm □ 155x115 mm	Ø 225 mm □ 250x225 mm	Ø 330 mm □ 330x395 mm	-
Cutting capacity 60°	-	-	-	Ø 44 mm □ 44 mm	Ø 70 mm □ 70 mm	Ø 90 mm □ 90 mm	-	-	-
Saw blade dimensions	27x0,9x3035 mm	27x0,9x3300 mm	34x1,1x4100 mm	13x0,6x1640 mm	20x0,9x2085 mm	27x0,9x2455 mm	27x0,9x3300 mm	34x1,1x4100 mm	(3-30)x3480 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.	(6x)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)	1650x710x1060 mm	1780x790x1120 mm	2130x825x1100 mm	1050x560x1500 mm	1400x1000x1750 mm	1500x1100x1750 mm	1750x660x1100 mm	2130x825x1100 mm	970x1070x1900 mm
Weight	285 kg	355 kg	600 kg	80 kg	180 kg	220 kg	485 kg	600 kg	210 kg
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