

Workdiamond

FLOOR SAW MACHINES



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MFH350/5,5



MFH400/9



MFH400/13



MFH500/13



MFZ500/10



MFY500/10



MFL500/10



MFH600/20

You will come across joint cutters by WORKDIAMOND in road, highway construction, industrial floor or in the reconstruction of industrial floors. They are essential for cutting floors and ceilings made of concrete or asphalt by means of diamond saw blades.

- Metallurgic cooling system are in crankcase, which guarantees a longer life.
- Depth adjustment mechanism with spindle and fly wheels, high precision and smooth handling, avoiding impacts on the disc.
- Equipped with emergency stop.
- Top quality wheels with leaktight bearings, which provide excellent guiding, thus requiring less effort by the operator during the cutting operation and also longer life of the diamond disc.

TECHNICAL SPECIFICATIONS

Models	MFH350/5,5	MFH400/9	MFH400/13	MFH500/13	MFZ500/10	MFY500/10	MFL500/10	MFH600/20
Max Disc Ø (mm)	Ø 350	Ø 400	Ø 400	Ø 500	Ø 500	Ø 500	Ø 500	Ø 600
Max Depth	115 mm	140 mm	140 mm	180 mm	180 mm	180 mm	180 mm	230 mm
Power	5,5 hp / 4 kW	9 hp / 6,5 kW	13 hp / 9,6 kW	13 hp / 9,6 kW	9,9 hp / 7,3 kW	10 hp / 7,4 kW	10,9 hp / 8 kW	20 hp / 14,7 kW
Engine Type	HONDA GX160	HONDA GX270	HONDA GX390	HONDA GX390	HATZ 1B40T-2	YANMAR L100N6	LOMBARDINI 15LD440	HONDA GX-620
Fuel		Unleaded gasoline		Unleaded gasoline		Diesel		Unleaded gasoline
Starting		Manual				Manual		Electric
Disc Rotation max. rpm		2840				2840		2840
Water Tank Capacity	Plastic 20 liter	Plastic 20 liter	Plastic 40 liter			Metal 40 liter		Metal 80 liter
Dry weight	66 kg	82 kg	92 kg	120 kg	140 kg	140 kg	142 kg	200 kg
Overall dimension								
Lenght mm	1486	1496			1716			1870
Width mm	460	576			626			670
Height mm	980	980			892			990
Noise level dB								
Lpa (ISO 11202)	77,5	78,0	78,0	78,0	77,0	79,6	80,3	76,8
Lpa (ISO 3746)	90,6	91,6	91,8	91,8	90,2	92,7	93,5	89,6
Shaft diameter	25,4 mm / 1" inch							
Flange diameter	95 mm / 3"¾ inch							
Temperature range	+5°C ÷ +45°C							
Rel. humidity range	15% ÷ 95%							

Reference to directives applied: 2006/42/EC, 2006/95/EC, 2004/108/CEE, 2006/95/CE, 89/336/CEE, 93/68/CEE, 2005/88/CE. Other harmonized standards applied: EN ISO 12100-1 and ...-2, EN 60204-1, EN 14121, EN 418, EN 13849, EN 349.

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