



PORTABLE IN-PLACE MACHINING AND REBUILDING
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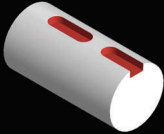

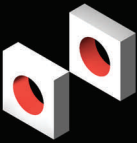



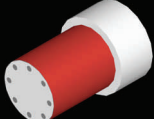
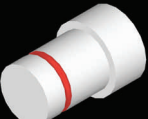


Quick Reference Guide to

Wizards of the I.D.

Portable In-Place Machine Services

"We Know The Ins and Outs of Our Business"

APPLICATION		MODEL	SPECIFICATIONS		
 MILLING		KEYWAY MILLING KM87 KM65 KM72	Max. Shaft Dia.		Max. Keyway, single setup
			3.75" (95 mm) 10.50" (266.7 mm) 24" (609.6 mm)	.75" x 4.50" (19 x 114 mm) 1.50" x 6.0" (38.1 x 152.4 mm) 3.25" x 8.0" (82.5 x 203.2 mm)	
 MILLING SLOTS, POCKETS, OR FLATS		KM72 PM820-878 PM925 PM975	Max. Slot, Pocket, or Flat, single setup		
			3.25" 9.25" (82.5 x 234.9 mm) 8" (200 mm) x 20", 48", 78" (500, 1200 or 1900 mm) [PM820, 848, 878] 7.6" (193 mm) x bed length, 27" (697 mm) by bed length, milling overhead 16" (409 mm) x bed length, 47" (1200 mm) by bed length, milling overhead		
 BORING		BB1020 BB2020 BB1149 BB1160 BB1162 BB1680	Max. Boring dia.	Max. Boring stroke	Max. Bar dia.
			4" (100 mm) 6" (152 mm) 24" (609 mm) 36" (914 mm) 40" (1016 mm) 80" (2032 mm)	36" (914 mm) 36" (914 mm) Bar Length Bar Length Bar Length Bar Length	1.25" (31.8 mm) 1.25" (31.8 mm) 2.25" (57.1 mm) 3.50" (88.9 mm) 5.0" (127 mm) 8.0" (203.2 mm)
 FACING		BB1149 BB1160 BB1162 BB1680	Facing diameter range	Stroke	Face to Center?
			0" to 18.25" (0 to 60.3 mm) 10.50" to 36" (266.7 to 914.4 mm) 9.50" to 36" (241.3 to 914.4 mm) 16.0" to 80" (406.4 to 2032 mm)	Full Range 4" (101.6 mm) 4" (101.6 mm) 5" or 12" (127 or 304.8 mm)	Yes No No No
 TAPPING, THREADING		H15010P BB1149 TW-4 VM1385	Threading diameter range	Threads per inch range	
			.50" to 2" (12.7 to 51.8mm) 4.75" to 8.75" (120.7 to 222.3 mm) 2.0" to 8.0" (51.8 to 203.8 mm) 3.5" to 10.0" (88.9 to 254 mm)	4 to 20 tpi 4 to 20 tpi 8 to 20 tpi 8 to 20 tpi	
 HEAVY DRILLING TREPPANNING		HH15010P BB1149 BB1149	Diameter range		
			.25" to 4" (6.3 to 101.6 mm) 1.50" to 3.38" (38.1 to 85.7 mm) with spade drill 2.36" to 11.8" (59.9 to 299.7 mm)		
 TURNING		PL1100 PL1150 PL1174	Diameter range	Max. turning reach	
			1.50" to 9.0" (38.1 to 228.6 mm) 4" to 11.25" (101.6 to 285.7 mm) 8" to 24" (203 to 609 mm)	12" (317.5 mm) 22" (558.8 mm) 27" (685 mm)	
 CUTTING GROOVES, CHAMFERING		PL1100 PL1150 PL1174	Diameter range		
			1.50" to 9.0" (38.1 to 228.6 mm) 4" to 11.25" (101.6 to 285.7 mm) 8" to 24" (203 to 609 mm)		

Portable In-Place Machining

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APPLICATION		MODEL	SPECIFICATIONS	
FLANGE FACING			Facing diameter range	Clamping diameter range
	FLANGE REFACING	FF12, O.D. FF20 FF24, I.D. FF40, I.D. FF1208, O.D. FF3096, I.D. FF3096, O.D.	0" to 12" (0 to 305 mm) 6" to 20" (152 to 508 mm) 6" to 24" (152 to 609 mm) 14" to 60" (356 to 1524 mm) 10" to 40" (254 to 1016 mm) 30" to 120" (762 to 3048 mm) 30" to 120" (762 to 3048 mm)	2" to 13" (50 to 380 mm) 6" to 20" (152 to 508 mm) 6" to 18" (152 to 455 mm) 14" to 60" (356 to 1524 mm) 12" to 40" (305 to 1016 mm) 30" to 120" (762 to 3048 mm) 42.5" to 133" (1080 to 3378 mm)
	CUTTING GROOVES	FF12 FF20 FF24 FF40 FF1208 FF3096	Maximum Diameter 12" (305 mm) 20" (508 mm) 24" (609 mm) 60" (1524 mm) 40" (1016 mm) 120" (3048 mm) I.D., 105" (2667 mm) O.D.	
	CHAMFERING	FF12 FF20 FF24 FF40 FF1208 FF3096	12" (305 mm) 20" (508 mm) 24" (609 mm) 60" (1524 mm) 40" (1016 mm) 120" (3048 mm) I.D., 105" (2667 mm) O.D.	
	TURNING FLANGE EDGES	FF20 FF24 FF40 FF1208 FF3096	20" (508 mm) 24" (609 mm) 60" (1524 mm) 40" (1016 mm) 120" (3048 mm) I.D., 105" (2667 mm) O.D.	
	WELD PREPS	FF20 FF24 FF40 FF3096 BT4000 BT8000 BT14000	Diameter range 6" to 20" (152 to 508 mm) 6" to 24" (152 to 609 mm) 14" to 60" (356 to 1524 mm) 30" to 120" (762 to 3048 mm) .863" to 4.25" (21.9 to 107.9 mm) 1.90" to 8.60" (48.3 to 218.5 mm) 5.75" to 14.75" (146 to 374.6 mm)	
VALVE REPAIR			Seat diameter range	Mounting diameter range
	GLOBE VALVES	VM1310 VM1572 BB1149	2.50" to 13" (64 to 330 mm) 16" to 28" (406 to 711 mm) 6" to 16" (152.4 to 406.4 mm)	3.50" to 17" (89 to 431 mm) O.D. Mount 16" to 28" (406 to 711 mm) I.D. Mount
	HIGH PRESSURE SAFETY VALVES	VM1265	1.50" to 6" (38 to 152 mm)	Fits Dresser Consolidated Maxi-Flow valves, orifice sizes 1 thru 6 and many Crosby valves.
	CONTROL VALVES	VM1385	2.50" to 10" (63.5 to 254 mm)	Fisher control valves up to 14.7" (374 mm) in diameter.