

ELECTROMAGNETIC DRILLING SYSTEMS

PB100E FRV

The Powerbor® PB100E FRV is the forward, reverse and variable speed version of the PB100E. It brings a choice of tapping, cutting and drilling capability to our 100mm capacity magnetic drilling machine.

- Annular cutter capacity - Ø100mm (HSS / TCT)
- Forward/Reverse for tapping (M6 - M30)
- MT3 fitting for accessories or up to Ø32mm twist drill
- 4 geared speeds, all electronically variable
- Arbor depth of cut 50mm
- Torque boost and feedback control for speed
- Mechanical Clutch
- Electronic overload and thermal cut-out
- Optional coolant
- Optional MT3 drill chuck and key
- Optional MT3 x 1-1/4" arbor for large cutters
- Optional swivel/adjustable base
- Carrying containing Safety strap, Safety guard, MT3 x 3/4" Weldon arbor, Hex keys / allen keys and drill drift

12 months comprehensive warranty as standard

Contact us for availability of this new machine added to the Powerbor® range



SAFETY GUARD...
Machine shown without Safety Guard for clarity

PART NUMBER	ITEM NO	DESCRIPTION
18N110	18804	PB100E FRV 110V
18N230	18805	PB100E FRV 230V

HEIGHT (Min/Max)	WIDTH (Min/Max)	DEPTH	TRAVEL	WEIGHT
455mm/705mm	160mm/255mm	360mm	260mm	25kgs

TOTAL POWER	1795W
MOTOR	1700W
MAGNETIC ADHESION	2000kgs
VOLTAGE	110/230V (AC supply)
RATED LOAD SPEED	60-140, 100-230, 140-330, 220-510 rpm*
DEPTH OF CUT	50mm
CUTTER CAPACITY	100mm HSS 100mm TCT
DRILLING CAPACITY	32mm
TAPPING CAPACITY	M30 (with Powerbor® Weldon Shank Spiral Point Taps)
ARBOR	M.T.3 to 3/4" Weldon Shank

* The load and no load speeds on the PB100E FRV are the same, this is because the machine has electronic feedback control so it tries to maintain speed under load, so the load speed stays the same as the no load speed until it reaches its limits.

See PB100E FRV user manual for complete specification at www.powerbor.co.uk