

STEEL BEAST®

JEI
Solutions
Built for Industry

PRO-112T

INDUSTRIAL TAPPING AND DRILLING MACHINE



Core drill max 100 mm (4")



Twist drill max 31.75 mm (1-1/4")



Spindle MT3



Depth of cut 100 mm (4")



Stroke 225 mm (9")



**Speed 75-110 rpm, 135-200 rpm
220-320 rpm, 390-570 rpm**



Motor Power 2300 W



Weight 25 kg (55 lbs)



Thread cutting M30 (1-1/4")



Worn brushes indicator



Thermal/overheat protection



Overload protection

PART OF A NEW GENERATION RANGE OF PREMIUM PORTABLE MAGNETIC DRILLING SOLUTIONS, DESIGNED TO MAXIMISE PRODUCTIVE DRILLING.

The PRO-112T machine is designed for industrial hole making and tapping applications. The powerful 2300 W variable speed motor enables milling capacity up to 100 mm (4") and drilling capacity up to 31.75 mm (1-1/4").

The machine's forward and reverse work modes allow thread cutting up to M30 with a new tapping system.

The four-speed gearbox with continuous speed adjustment allows to set the optimal speed depending on diameter, steel grade or tool quality. An intelligent speed control system maintains constant motor speed regardless of changing loads. The innovative 360-degree LED indicator facilitates proper machine operation and increases work safety.




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- ✓ 2300W motor - the most powerful in its class
(Among mt3 drills) with heavy duty 4-speed gearbox
- ✓ Intelligent speed control system maintains stable speed regardless of load changes
- ✓ Tapping of through and blind holes
- ✓ Milling with TCT or HSS cutters or drilling
- ✓ Electronic speed control
- ✓ Electronic clutch
- ✓ Rigid design extends tool life
- ✓ Tilt sensor stops the motor in cases of machine's break away
- ✓ 360 degree visual monitoring system indicates current condition of the drill and gives safety and diagnostic information, e.g. worn brushes
- ✓ Innovative smart magnet with reduced weight
- ✓ Intuitive control panel at top of the drill
- ✓ Large coolant container



360-DEGREE VISUAL MONITORING SYSTEM (VMS) - HOW IT WORKS

 CONDITION OF THE DRILL		ready to work (green is on)	
		normal work (white is on)	
		overheat (red is on)	
		emergency stop/overload (blue is on)	
		emergency stop/tilting the machine due to vibrations or weak surface (violet is on)	
 SAFETY INFORMATION		low adhesive force (green flashes)	
		near overload (blue flashes)	
 DIAGNOSTIC INFORMATION			emergency stop/ voltage drop (red changes to blue)
			emergency stop/ worn brushes (red changes to green)

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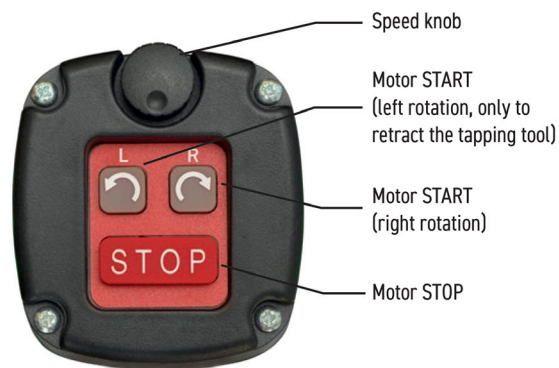
Milling capacity up to 100 mm (4")
Max depth of cut up to 100 mm (4")



Drilling capacity up to 31.75 mm (1-1/4")
Max stroke up to 225 mm (9")



Counterclockwise (CCW) rotation
User-friendly control of tapping tool release



Intuitive control panel at top of the drill

THROUGH HOLE TAPPING UP TO M30

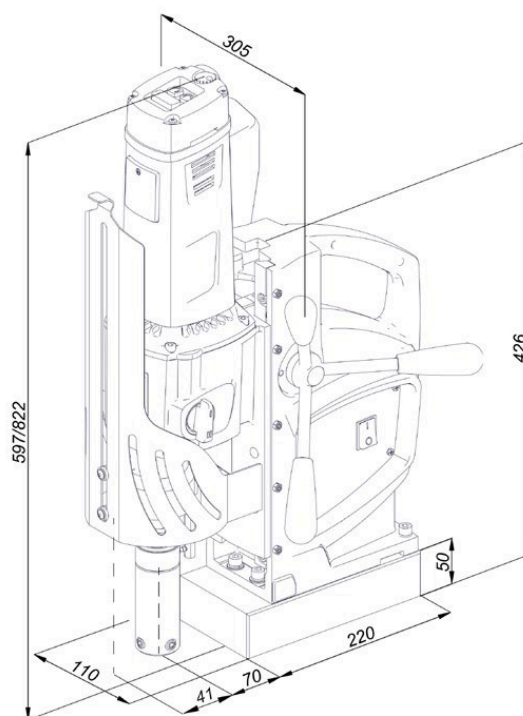


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PRO-112T TECHNICAL SPECIFICATION	
Motor Speeds (under load)	75-110 rpm (gear I)
	135-200 rpm (gear II)
	220-320 rpm (gear III)
	390-570 rpm (gear IV)
Motor Power	2300 W
Weight	25 kg (55 lbs)
Max milling capacity	100 mm (4")*
Max drilling capacity	31.75 mm (1-1/4")
Max Tap size	M30 (1-1/4")
Stroke	225 mm (9")
Max depth of cut	100 mm (4")
Voltage	1~ 220-240 V, 50-60 Hz 1~ 110-120 V, 50-60 Hz
Magnetic clamping force (surface with the thickness of 25 mm and roughness Ra = 1.25)	1835 kG (18 000 N)
Magnet Base Dimensions	110 mm × 220 mm × 50 mm 4.3" × 8.7" × 2"
Min. Workpiece Thickness	10 mm (3/8")
Spindle	MT3
Tool holder	19 mm (3/4") or 32 mm (1-1/4") Weldon
Product Code 220-240 V, 50-60 Hz	WRT-0563-10-20-00-0
Product Code 110-120 V, 50-60 Hz	WRT-0563-10-10-00-0

* If more than 60 mm (2.36"), use an MT3 arbor with 32 mm Weldon tool holder (UCW-0563-22-00-00-0).

Dimensions:



STANDARD SHIPPING SET

- ✓ Drilling machine
- ✓ Metal box
- ✓ Handle (3 pcs)
- ✓ MT3 arbor with 19 mm (0.75") Weldon tool holder
- ✓ Safety strap
- ✓ Cooling system
- ✓ Protective spring for cooling hose
- ✓ MT3 drift
- ✓ 6 mm hex wrench
- ✓ 5 mm hex wrench with a handle
- ✓ 2.5 mm hex wrench
- ✓ 8 mm combination wrench
- ✓ Tool can
- ✓ Locking connector (only in 115 V version)
- ✓ Operator's manual

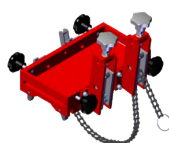
MORE OPTIONAL ACCESSORIES



Arbor MT3 x 32 mm Weldon
for drilling diameter over 60 mm (2.3")
product code: UCW-0563-22-00-00-0



Pressure cooling system
capacity of 2 liters
product code: UKL-0440-16-00-00-0



Pipe attachment DMP 501
for pipes with diameters of
150-500 mm (6-20")
product code: PDS-0111-03-00-01-0

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