

STEELBEAST®

PRO-122T

INDUSTRIAL TAPPING AND DRILLING MACHINE

JEI
Solutions
Built for Industry



Core drill max 120 mm (4.72")



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-122T machine is designed for industrial hole making and tapping applications. The powerful 2300 W variable speed motor enables milling capacity up to 120 mm (4.72") 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 Operate (Solid Green)
		Normal Operation (Solid White)
		Motor Overheat (Solid Red)
		Emergency Stop/Overload Condition (Solid Blue)
		Emergency Stop/Low Adhesion (Solid Violet)
 SAFETY INFORMATION		Inadequate Adhesion (Flashing Green)
		Near Overload (Flashing Blue)
 DIAGNOSTIC INFORMATION		Emergency Stop/Voltage Drop (Red Flashes to Blue)
		Emergency Stop/Worn Brushes (Red Flashes to Green)

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DRILLING WITH THE PRO-122T

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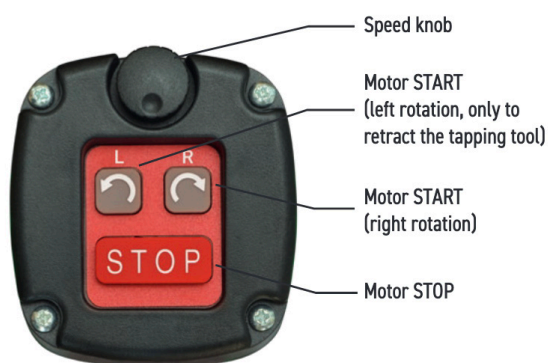
Milling capacity up to 120 mm (4.72")
Max depth of cut up to 100 mm (4")



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

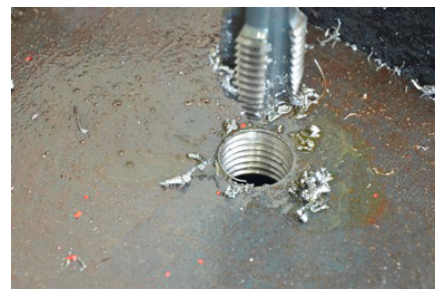


Counterclockwise (CCW) rotation
User-friendly control of tapping tool release



Intuitive control panel at top of the drill

THROUGH HOLE TAPPING UP TO M30



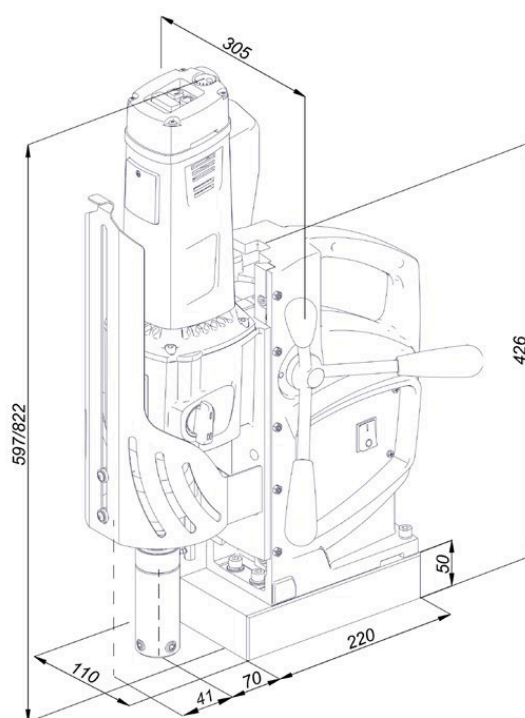
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PRO-122T TECHNICAL SPECIFICATION	
Motor Speeds (under load)	75-110 rpm (gear I) 135-200 rpm (gear II) 220-320 rpm (gear III) 390-570 rpm (gear IV)
Power	2300 W
Weight	25 kg (55 lbs)
Max milling capacity	120 mm (4-3/4")*
Max drilling capacity	31.75 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
Overload protection	yes
Overheat protection	yes
Continuous Speed Adjustment	yes
ESSS (Electronic Speed Stabilization System)	yes
Semi-automatic gib adjustment	yes
MFSC (Magnetic Field Shape Control)	yes
ESB - Energy Saving Base	yes
Magnet detachment safeguard	yes
Magnetic clamping force (surface with the thickness of 25 mm and roughness Ra = 1.25)	1835 kgf (18 000 N)
Magnet Base Dimensions	110 mm x 220 mm x 50 mm 4.3" x 8.7" x 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-0563-10-20-01-0
Product Code 110-120 V, 50-60 Hz	WRT-0563-10-10-01-0

* 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

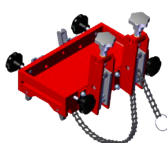
MORE OPTIONAL ACCESSORIES



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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