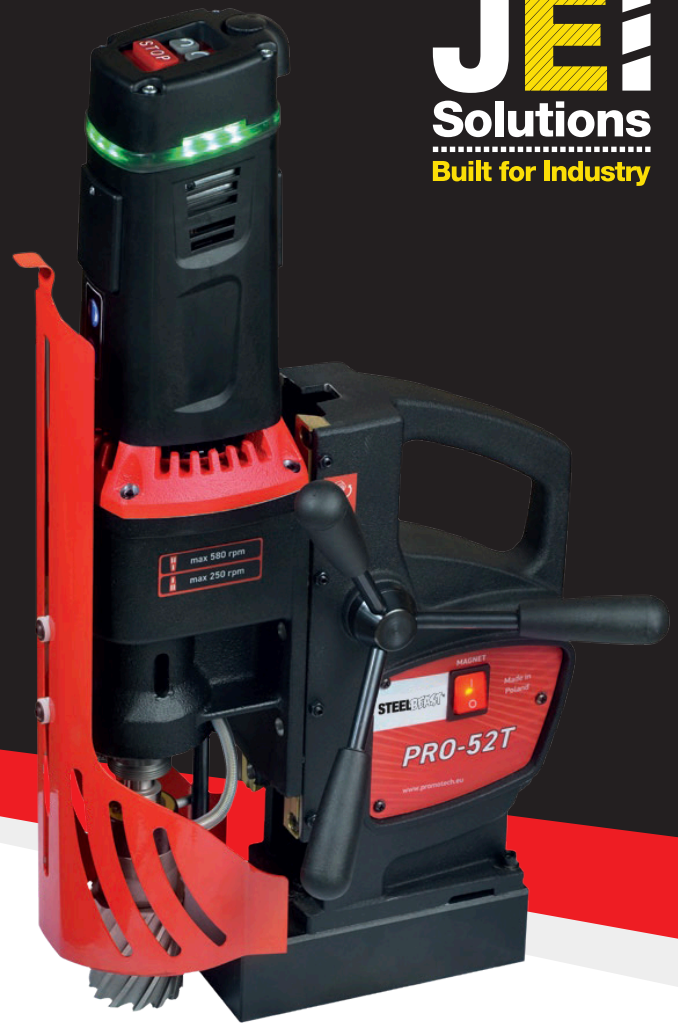


# STEEL BEAST®

## PRO-52T

### UNIVERSAL TAPPING AND DRILLING MACHINE

**JEI**  
Solutions  
Built for Industry



**Core drill max 50 mm (2")**



**Twist drill max 23 mm (7/8")**



**Spindle MT2**



**Depth of cut: 75 mm (3")**



**Stroke: 190 mm (7-1/2")**



**Speed: 160-250 rpm 390-580 rpm**



**Motor Power: 1600 W**



**Weight: 17 kg 37 (lbs)**



**Thread cutting: M20 (3/4")**



**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-52T drilling machine is suitable for hole cutting and tapping applications. The powerful 1600 W variable speed motor enables milling capacity up to 50mm (2") and drilling capacity up to 23 mm (7/8").

The machine's forward and reverse work modes allow thread cutting up to M20 with a new tapping system.

The two-speed gearbox with continuous speed adjustment allows to set the optimal speed depending on diameter, steel grade or tool quality. The 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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- ✓ 1600 W powerful motor with heavy duty 2-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
- ✓ Both overload and overheat protection
- ✓ 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

 <b>CONDITION OF THE DRILL</b>		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)	
 <b>SAFETY INFORMATION</b>		low adhesive force (green flashes)	
		near overload (blue flashes)	
 <b>DIAGNOSTIC INFORMATION</b>			emergency stop/ voltage drop (red changes to blue)
			emergency stop/ worn brushes (red changes to green)

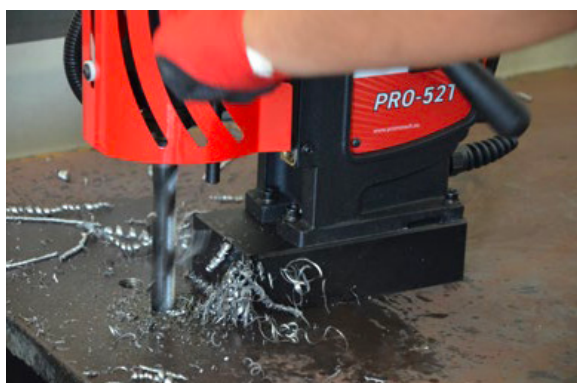
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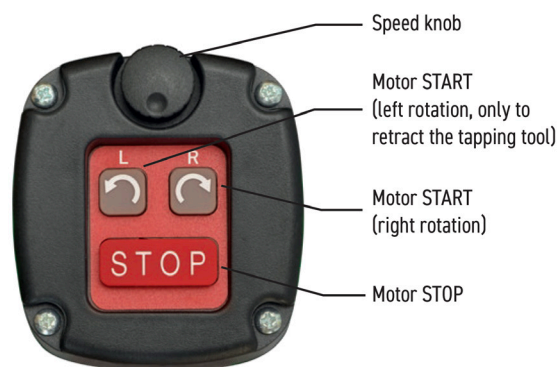
Counterclockwise (CCW) rotation  
User-friendly control of tapping tool release



Milling capacity up to 50 mm (2")• Max depth  
up to 75 mm (3")



Drilling capacity up to 23 mm (7/8")• Max  
stroke up to 190 mm (7-1/2")



Intuitive control panel at top of the drill

## THROUGH HOLE TAPPING UP TO M20

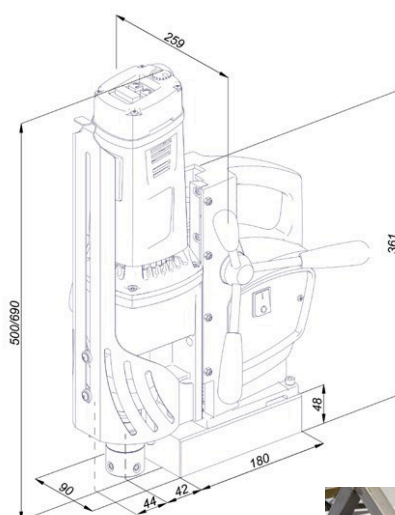


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PRO-52T TECHNICAL SPECIFICATION	
Motor Speeds (under load)	160-250 rpm (gear I) 390-580 rpm (gear II)
Motor Power	1600 W
Weight	17 kg (37 lbs)
Max milling capacity	50 mm (2")
Max drilling capacity	23 mm (7/8")
Max Tap size	M20 (3/4")
Stroke	190 mm (7-1/2")
Max depth of cut	75 mm (3") *
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)	1122 kG (11 000 N)
Magnet Base Dimensions	90 mm × 180 mm × 48 mm 3-9/16" × 7" × 1-7/8"
Min. Workpiece Thickness	8 mm (5/16)
Spindle	MT2
Tool holder	19 mm (3/4") Weldon
Product Code 220-240 V, 50-60 Hz	WRT-0600-10-20-00-0
Product Code 110-120 V, 50-60 Hz	WRT-0600-10-10-00-0

\* If more than 51 mm (2"), use AMT2-C19/2-3 Arbor (UCW-0220-00-00-00-4).

## Dimensions:



## STANDARD SHIPPING SET

- ✓ Drilling machine
- ✓ Metal box
- ✓ Handle (3 pcs)
- ✓ MT2 arbor with 19 mm (3/4") Weldon tool holder
- ✓ Safety strap
- ✓ Cooling system
- ✓ Protective spring for cooling hose
- ✓ MT2 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 AMT2-C19/2-3  
for 75 mm (3") depth cutting  
product code: UCW-0220-00-00-00-4

Pipe attachment DMP 251  
for pipes with diameters of  
80-250 mm (3-10")  
product code: PDS-0110-03-00-01-0

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

Vacuum pad  
product code: PDS-0587-00-00-00-0



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



Compressed air ejector  
product code: ZSP-0587-11-00-00-0



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