



PORTABLE PNEUMATIC TAPPING MACHINES

PUSH-PULL TYPE



TP 400 with Tapping Chuck



TP 30



TP 20



TP 400



TP 400 ST

PTM make Portable Pneumatic Tappers have a "Push-Pull" type auto reversing clutch mechanism eliminating switch reversal. These handy & compact Tappers greatly reduce tapping cycle times.

Model	Forward Speed Rpm	Reverse Speed Rpm	Tapping Capacity in Steel mm	Overall Length mm	Weight with Chuck Kg	Air Consumption m ³ / min
TP-400	700	1500	6	290	2.1	0.45
TP-400ST	500	1000	6	310	1.8	0.45
TP-30	450	815	10	310	2.6	0.60
TP-20	320	580	13	330	2.9	0.60

- Performance figures are at 6.3kg/cm² (90 p.s.i.)
- Specifications may change due to continuous innovations.
- Tools should be used with filtered & lubricated air.
- Models TP400 & TP400ST are fitted with 10mm cap chuck & may be used at higher capacity on materials requiring higher tapping speeds & having low shear strength.
- Tapping capacity specified in steel having shear strength of 700N/mm².
- Accessories & Taps Shown are for illustration purpose only.

RECOMMENDED TAPPING SPEEDS

Material	Carbon Steel	Alloy Steel	Stainless Steel	Gray Cast Iron	Copper Bronze Brass	Aluminum Alloy	Magnesium Alloy Hard Brass
Recommended Tapping speeds (m/min)	7-11	2-5	2	4-10	14	22	28

TECHNICAL & OPTIONAL FEATURES

- Machines will reverse at approx. twice forward speed.
- Straight type model TP400ST available with rear exhaust & lever handle.
- Tapping machines also supplied in air motor type modular design, for mounting on drill stand or pantographic arm.
- All Tapers fitted with drill chuck as standard. Choice of tapping chucks with collets & quick release chucks available.
- Special design for blind hole tapping with safety chuck & depth control offered.

TAPPING CHUCK OPTIONS



Precision Tapping Chuck with rubber collet
Rubber collet options 3.5 Ø to 6.5 Ø or 6.5 Ø to 10 Ø tap shank size.
Steel Collets available sizes 4.5 Ø, 6.0 Ø & 7.1 Ø



Quick change tapping chuck.
Specify Tap Shank size & square drive while ordering.
Also available Quick change tapping chuck with safety clutch.

TOOL HANDLING

Swing Arm stand Model TP 30-JB
Max Length of Jig Boom : 1.2 m.
Max Height of stand : As specified
Max wt. of Tool : 2.5 kg.
Also suitable for use with Screwdriver.
No separate Air Line required.



OUR OTHER PRODUCTS

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