

Thread tapping machine

The intelligent automatic thread tapping machine.



microtap II-G5

Thread capacity

(DIN13, sheet.34 / 1,2 x D

M1–M4 (#0 - #10) X5CrNi189 (Stainless Steel)

M1 – M5 (#0 – ¼”) 9sMn28 (Carbon Steel)

M1 - M6 (#0 – ¼”) AlCuMgPb (Al Alloys)

Torque range

7 - 220 Ncm

Spindle speed range

250 - 2200 RPM

Thread depth / stroke max.

50 / 53 mm (1.97 / 2.09 inch)

Column with hand crank

600 mm (23.4 inch)

Base plate / 2xT-Nut / PG6

288 x 475 x 50 mm/ M12x14 DIN650/ G1/4
(11.34” x 18.7” x 1.97”) / for ½” T-slot bolts

Distance spindle/worktable max.

290 mm (11.4 inch)

Tapered tool reception / spindle

B10

Width / depth / height

300 / 380 / 750 mm (12” / 15” / 30” approx.)

Power supply requirements

230 or 115 Volt 50/60Hz 1 ph, 300 Watt

Compliance to safety regulation

- CE, EMV conformity

Automation interface

- PLC compatible, parallel I/O with 4 relay outputs and 2 start inputs, isolated

- RS232 (V24) 9600 Baud, optically isolated

- RAL 6001 Emerald green

Serial interface

Finish

Operation

Error messages

LCD Display and Menu

Driven Software - includes

- menu driven or with WinPCA Software

- Audible alarm, display, and RS232

- Language selector

- Torque display and setting for min/max

- Right or Left hand threads

- Fast, normal, and slow reverse speeds

- Lubrication control with pulse & time

- Variable chip clearance function

- Automatic start, position and depth control

- User data storage for 40 part parameters

- Single and total thread counter

- Cutting force start sensor (with ZAP system)

- mm/inch and metric/UNF-UNC selection

Quick change holder, without inserts



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Tap insert holder SWS0

Price

Quick-Change tap adapters for above SWS0 holder

Type EM 00

Standard package

No. 0-6, 8, 10, ¼”

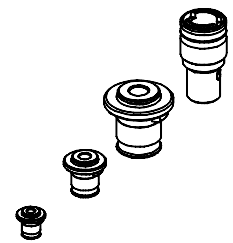
Precision compensation

0.05 mm, only with inserts from microtap

Price

Other systems

on request



ZAP-tap

pneumatic **Z-Axis** spindle feeding system
integrated machine controlled feeding system for
thread tapping with footswitch and automation.

air pressure

4-6 bar / 60-90 PSI

air connection

4/6 mm



Price

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