

Thread tapping machine

The intelligent automatic thread tapping machine.



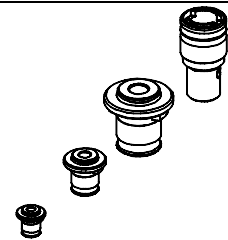
megatap II-G16

Thread capacity (DIN13, sheet.34 / 1,2 x D)	M4-M14 (#8-1/2") X5CrNi189 (Stainless Steel) M4-M18 (#8-11/16") 9sMn28 (Carbon Steel) M4-M20 (#8-3/4") AlCuMgPb (Al Alloys) 150-2100Ncm (1430Ncm max above 690RPM) 100 - 1000 RPM
Torque range	75 / 80 mm (2.95 / 3.15 inch)
Spindle speed range rpm	750 mm (29.5 inch)
Thread depth / stroke max.	288 x 475 x 50 mm/M12x14 DIN650 / G1/4 (11.34" x 18.7" x 1.97") / for 1/2" T-slot bolts
Column with hand crank	400 mm (15.5 inch)
Base plate / 2xT-Nut / PG6	B12
Distance spindle/worktable max.	320 / 470 / 1290 mm (12.6 / 18.5 / 50.8 inch)
Tapered tool reception / spindle	230 Volt, 50 / 60 Hz, 1 phase, 2900 Watt
Width / depth / height	- CE, EMV conform
Power supply requirements	- PLC compatible, parallel I/O with 4 relay outputs and 2 start inputs, isolated
Compliance to safety regulation	- RS232 (V24) 9600 Baud, optically isolated
Automation interface	- RAL 6001 Emerald green
Serial interface	- Audible alarm, display, and RS232
Finish	- Language selector
Error messages	- Torque display and setting for min/max
LCD Display and Menu Driven	- Right or Left hand threads
Software - includes	- 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
Insert holder SWS3 or alternative SWS1	
Price	--



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Quick-Change tap adapters	Type EM 03 for SWS3
Standard package EM03	1/4, 5/16, 3/8, 1/2, 5/8, 3/4
Alternate package EM01	No. 8, 10, 1/4, 5/16, 3/8, 1/2
Precision compensation	0.05 mm, only with inserts from microtap
Price	-- each EM01
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	--

