

JOYTAP

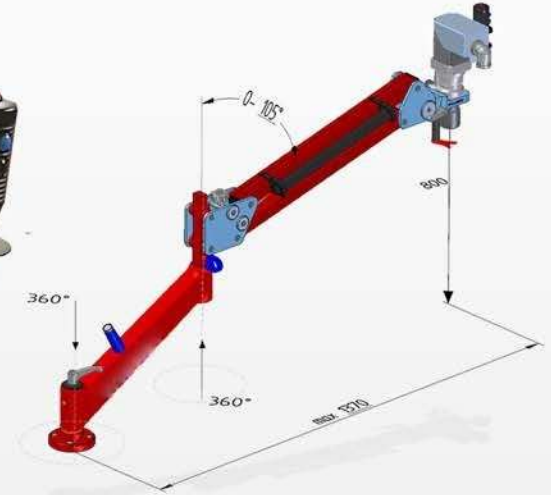
EVO²



JT2 EVO²



Working area



Model	Steel tapping capacity		Speed	Working radius	Chuck
	Metric	Inches	rpm	mm	
JT2000	M3-M12	1/8" - 1/2"	100 - 1000	1370	GR2
JT2150	M3-M16 (M20)	1/8" - 5/8"	50 - 500	1370	GR2
JT2500	M5-M24 (M27)	5/32" - 7/8"	20 - 200	1370	GR2
JT2 WITH INTERCHANGEABLE SPEED MODULES					
JT2M	Up to M27*		20 - 1000*	1370	/

*total capacity when using multiple MJ modules

Features

- New aluminium frame developed using the exclusive profile, ensuring precision and rigidity during machining
- Ideal for vertical, horizontal and angled threading
- Wide range of constant-torque machining speed adjustment
- New-generation (G2) 750-watt brushless motor with unrivalled performance and reliability
- Integrated shielded cabling that requires no awkward adjustments during movement
- Multi-directional head with magnet, including automatic 0-90° workpiece alignment
- VASTC touch panel, the most advanced on the market for automatic screwdriving/tapping with torque control, chip removal and many other new functions, with torque (Nm) and machining program saving, even remotely (optional)

OPTION

VASTC 4.0-1 engine check



JT3 EVO²



Model	Steel tapping capacity		Speed	Working radius	Chuck
	Metric	Inches	rpm	mm	
JT3000	M2-M12	1/8" - 1/2"	100 - 1000	2000	GR2
JT3150	M3-M16 (M20)	1/8" - 5/8"	50 - 500	2000	GR2
JT3500	M5-M24 (M27)	5/32" - 7/8"	20 - 200	2000	GR2
JT3750*	M8-M36	5/16" - 1 3/8"	20 - 145	2000	GR3
JT3750M	M8-M36	5/16" - 1 3/8"	20 - 145	2000	GR3
JT3900*	M10-M48	1/2" - 2"	10 - 90	1600	GR4
* fixed head					
JT3 WITH INTERCHANGEABLE SPEED MODULES					
JT3M	Up to M27**		20-1000**	2000	/
** total capacity when using multiple MJ modules					

Optional

Modules for JT2M - JT3M

The JT2M and JT3M models are equipped with a quick-change system for speed modules which allows for the precise optimisation of both the tapping speed and torque



Modules MJ	Speed	Torque	Tapping
	rpm	Nm	mm
MJ-05	20-1000	36	M3-M12
MJ-10	20-500	72	M3-M16
MJ-15	20-335	105	M5-M20
MJ-25	20-200	180	M5-M24 (M27)



VASTC

ASSISTED TIGHTENING AND THREADING CONTROL.



VASTC 4.0



THREADING MODES:

- AUTOMATIC (pitch - depth - speed - maximum torque Nm Max)
- CHIP REMOVAL programmable
- MANUAL (speed - torque (Nm) to preserve tools)
- CALCULATION OF THREADS made
- SAVING OF PROGRAMMES protected by password
- AUTOMATIC LUBRIFICATION SETTINGS
- RECORDING OF WORK REPORTS
- WIFI , AND LAN CONNECTIVITY for remote programming and reporting (VASTC 4.0)

SCREWDRIVING MODES:

- TORQUE-CONTROLLED SCREWDRIVING
- SCREWDRIVING COMPLETED INDICATOR (green light)
- PROGRAMMING FOR INSERT AND HELICOIL® INSTALLATION
- CENTRING SYSTEM prior to tightening
- CALCULATION OF TIGHTENING OPERATIONS PERFORMED
- PROGRAMME SAVING, password-protected
- RECORDING OF WORK REPORTS
- WIFI , AND LAN CONNECTIVITY for remote programming and reporting (VASTC 4.0)

VASTC-SCAN

VASTC SCANNER: threading and screwing without errors, in less time.



VASTC SCAN is an exclusive sistem developed to simplify threading and screw-fitting operations, significantly reducing the margin for error and processing times.

KEY FEATURES

AUTOMATIC IDENTIFICATION

- The VASTC-SCAN automatically recognises the correct work recipe for the various operations, without the need for manual intervention.

SIMPLIFIED CONFIGURATION

- The changeover processi is automated, ensuring the correct configuration everytime.

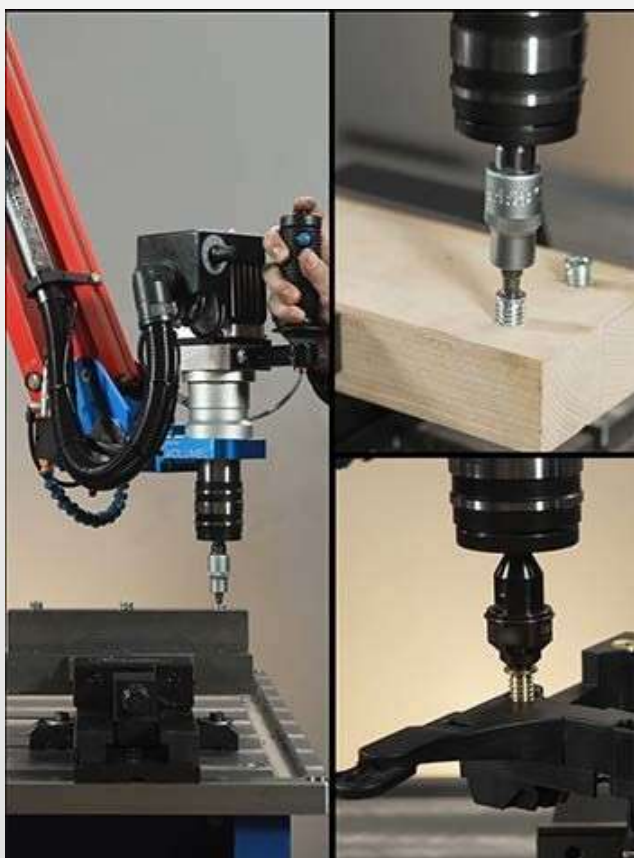
BENEFITS

TIME SAVINGS

- Elimination of manual input of settings.
- Automatic loading of configurations associated with QR code.
- Acceleration of the changeover process thanks to immediate recipe identification.

ERROR REDUCTION

- Minimisation of human errors associated with manual configuration, even with less experienced operators.
- Guaranteed execution with correct setting via automatic loading.
- Prevention of configuration errors thanks to the precise association between the qr code and the work recipe.



HOLE TAPPING	PIN TAPPING	SCREWING	INSERTS	HELICOIL®

Bushings and chucks

TAPPING SOCKETS

tapping sockets with or without a clutch GR1, GR2, GR3 and GR4.
tapping capacity from M2 to M48.



SCREWDRIVER CHUCKS

MPAE 1/4 (per inserti esagonali)
MPA 1/4
MPA 3/8
MPA 1/2



THREADING SLEEVES

for tapping studs from M3 to M33



CHUCKS FOR INSERT SETTING

from M3 to M20



TOOL HOLDER CHUCK

For drilling and countersinking
MPS10GR2 (0,5-10 mm)
MPS13GR2 (1-13 mm)



POSITIONING MAGNET

allow the head to be orientated for threading in all directions (including all JT2 and JT3 models)



Magnets

MB 1514

JT2-JT3 ARM MOUNTING MAGNET

(all models except JT3900) 150x140 mm
total force 900 Kg



1130.DS

DOUBLE INDEPENDENT MOUNTING MAGNET

160x150 mm
Bench clamping and workpiece clamping
Clamping force: 16 Kg/cm²

Optional

EDS01
DEPTH
SENSOR



LST01
AUTOMATIC
LUBRIFICATION
SYSTEM



FRH0-90
QUICK-RELEASE HEAD 0-90°



Accessories

MCA001
TAP DRILLING MACHINE TROLLEY

850x750 mm (total weight 65 Kg)
H= 870 mm
reinforced top shelf
internal shelf with tap holder
4 swivel castors, 2 with brake



BML001
WORKBENCH

800x600 mm (total weight 150 Kg)
H=870 mm
base 30 mm
made of milled steel with T-slots
internal shelf for compass holders



CCM001
TROLLEY WITH LIFTING COLUMN

trolley with base 800x800 mm H=2000 mm
4 swivel castors,
2 with brakes;
push handle.
weight 220 kg.



BML002A
90° SIDE PLATE

600 mm x 300 mm made
from 30 mm milled steels
with T-slots



CCF001
LIFTING COLUMN

h=1850mm, moves along
a linear guide and
trapezoidal rail, can be
operated using an electric
or pneumatic screwdriver,
weight 60 Kg



CCF100-1
TROLLEY 800X800 MM

adjustable column
h=650-1050 mm
4 swivel castors, 2 with brakes
Peso 165 kg



Quality and reliability

- Heavy-duty aluminium construction
- Adjustable balance for easy manoeuvrability
- Premium design and finish

Lighweight and versatile

- Lightweight and compact dimensions allow for easy installation and repositioning
- Tapping, screwdriving, reaming, countersinking, fastening, insert fitting and small diameter drilling

Practical and simple

- Uses standard quick-change tap adaptors
- No need to purchase speed modules

Reliable and safe

- 2-years warranty on all mechanical parts against defects in materials and workmanship



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