

## Screwdrivers with torque control clutch

Screwdrivers designed and constructed to ensure top performance in terms of precision, ergonomics, noise, reliability and security.

Use of the articulated arm allows to maintain a perfect alignment and eliminate the weight of the tool, that makes the operator's work easier and faster.

Model	No-load speed (Rpm)	Screw (Metal)	Torque (Nm)	Air consumption (NI/min)	Power (Watt)	dB (A)
AV20 AT	2200	M4 - M5	1,8-3,5	430	220	82
AV30 AT	750	M5 - M6	2-7,6	430	220	82
AV50 AT	420	M6 - M8	2-7,6	430	220	82
AV70 AT	310	M6 - M8	4,8-14,6	430	220	82
AV350 AT	350	M6 - M10	9-27	600	320	84
AV250 AT	230	M8 - M10	13-35	600	320	84



## Tightening system

AUTOVIT screwdrivers provide easy and continuous supply of screws to tighten and simplify the operator's work, since he has not to take each screw by hand and to put it on the blade of the tool or on the workpiece. Use of the articulated arm allows to maintain a perfect alignment and eliminate the weight of the tool, that makes the operator's work easier and faster.

The power supply provides the screw to the screwdriver thanks to an alignment vibration system and to a selector which ensures the loading of a screw at each machine cycle.

A pulse of compressed air leads the screw to the head of the tool. Thanks to a special sensor on the guides, when they are full, the vibration is automatically stopped. This reduces energy consumption, wear of the cup and the system noise. Operation restart when the sensor detects the absence of screws in the guides.



Model	No-load speed (Rpm)	Torque (Nm)	Stroke	Screw size			Head coupling
				ø head	ø screw shank	length	
AUTOVIT 44EL	1000	2	47	4-10	2,5-5	<27	M14x1 - M18x1,5
AUTOVIT 66-EL	600	3,5	47	4-10	2,5-5	<27	M14x1 - M18x1,5
AUTOVIT 2FL-EL	1000	3,6	57	4-10	2,5-5	<45	M14x1 - M18x1,5
AUTOVIT 4FL-EL	400	11,5	57	4-10	2,5-5	<45	M14x1 - M18x1,5
AUTOVIT 2GC-EL	2300	3,5	40	5-10	4-5	<25	M18x1,5
AUTOVIT 2GL-EL	2300	3,5	56	4-10	2,5-5	<45	M14x1 - M18x1,5
AUTOVIT 3GL-EL	950	6,3	56	4-10	2,5-5	<45	M14x1 - M18x1,5

## Accessories



### Bush for tapping with adjustable clutch

Tool holders for tap machine model M3 to M30 with and without friction, compasses, magnet positioning.



### Trolley

Detachable trolley for tap machines with a support for tapholders.

Size: 850x750x870h  
Weight: 65Kg



### Bush with chuck adapter from 1 to 10mm.

In the continuous search of improving the product, Volumec reserves the right to make changes without prior notice.

Note:



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Authorized Dealer:



## Pneumatic articulated arm tapping machine

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## Rotational Tap head

Rotational head to thread in any position.



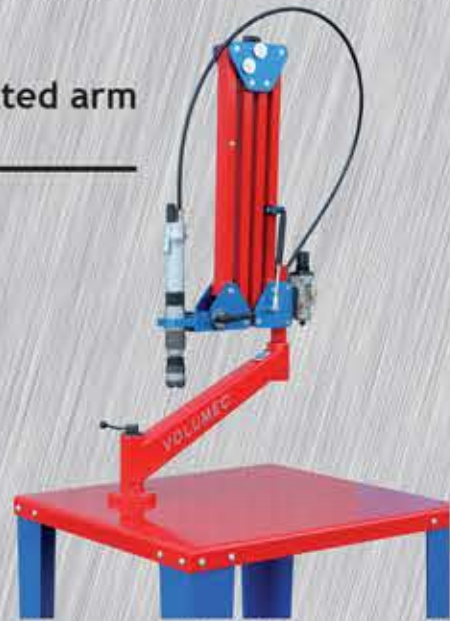
## Double speed

System with two positions to vary speed and torque according to the needs of tapping (VTS).



# 2speed

## Articulated arm folded



## Ray of 1900mm

The triple articulated arm of the VT/VTS series allows you to work comfortably within a ray of 1900 mm.



# VT / VTS series

- ▶ Triple-balanced articulated arm system made entirely of aluminum, which ensures a quick and accurate holes alignment.
- ▶ Standard multi directional head to thread with different in any position.
- ▶ Magnet positioning for quick and accurate alignment of the spindle.
- ▶ Balance and fluidity of movement guaranteed by joint and adjustable gas spring mounted on ball bearings.
- ▶ Air motor that does not require additional modules to speed.
- ▶ Possibility of tapping blind holes and through holes with the adjustable clutch.
- ▶ Filter unit with pressure regulator and lubricator.



### Specification: Tapping Machines VT/VTS

Model	Tapping capacity in Steel		Torque at 6 bar (Nm)	No-load speed (rpm)	Weight (Kg)	Spindle
	Metric	Inches				
VT 512	M3-M12	1/8" - 1/2"	28	600	19	GR2
VT 516	M3-M16	1/8" - 5/8"	38	450	19	GR2
VT 600	M5-M30	5/32" - 1 1/8"	180	100	20	GR2
VTS 1000	M3-M30	1" - 1 1/8"	45/180	350/100	20	GR2

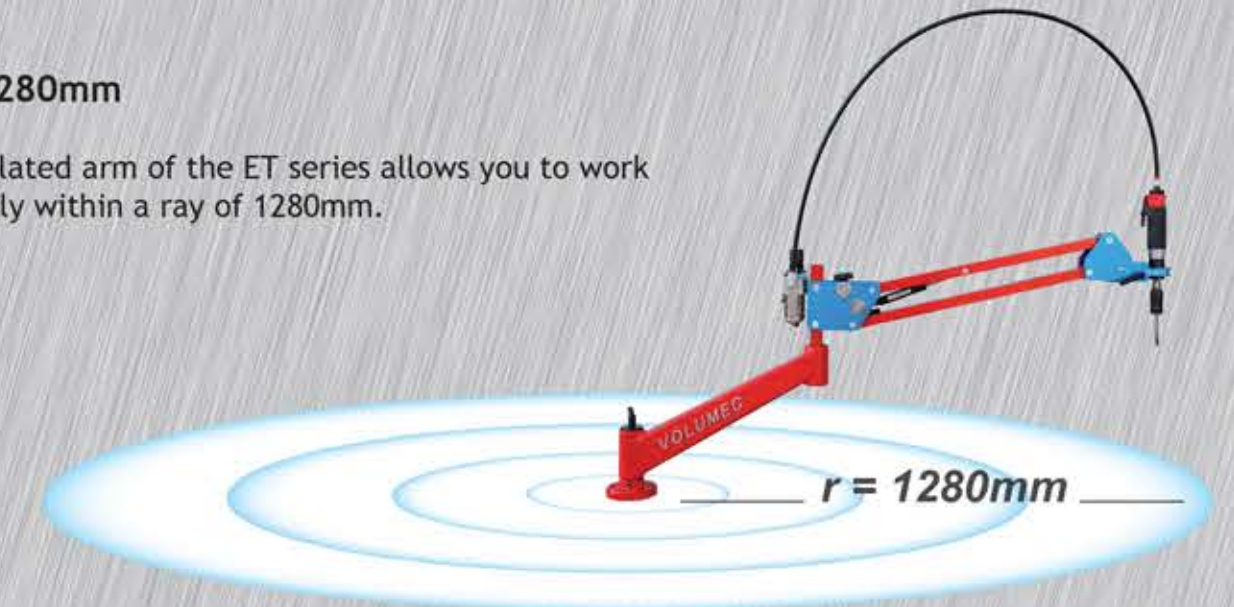
# ET series

- ▶ Double-balanced articulated arm system for threading and flaring of small and medium size.
- ▶ Standard multi directional head to thread with different angles.
- ▶ Magnet positioning for quick and accurate alignment of the spindle.
- ▶ Balance and fluidity of movement guaranteed by joint and adjustable gas spring mounted on ball bearings.
- ▶ Air motor does not require additional modules to speed.
- ▶ Possibility of tapping blind holes and through holes with the adjustable clutch.
- ▶ Filter unit with pressure regulator and lubricator.



## Ray of 1280mm

The articulated arm of the ET series allows you to work comfortably within a ray of 1280mm.



### Specification: Tapping Machines ET

Model	Tapping capacity in Steel		Torque at 6 bar (Nm)	No-load speed (rpm)	Weight (Kg)	Spindle
	Metric	Inches				
ET220	M3-M12	1/8" - 1/2"	24	310	15	GR1
ET300	M3-M8	1/8" - 3/8"	16	650	15	GR1
ET350	M3-M12	1/8" - 1/2"	28	350	15	GR1
ET500	M3-M16	1/8" - 5/8"	38	420	16	GR2