



Arm Type Air Tapping Unit



HIGH TORQUE HIGH EFFICIENCY EASY
OPERATION

WORK RANGE

1600X500mm

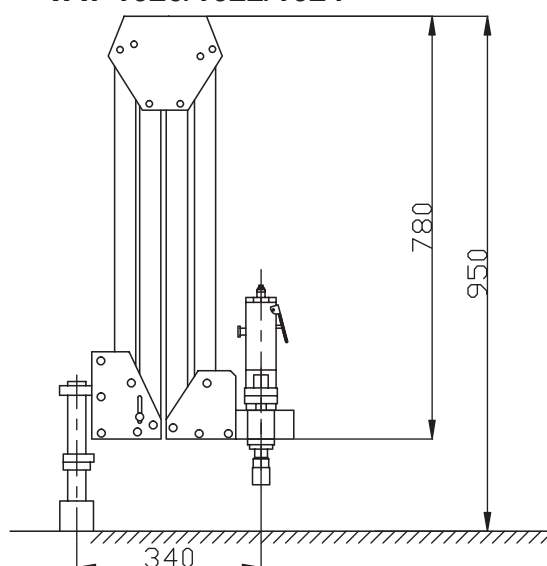
RMAX. X MIN.



※Base not included

VAT-1608/1612/1616

VAT-1620/1622/1624



To solve all tapping problems

- Rapid positioning and high machining speed increase productivity.
- Lower tap damage rate, high thread accuracy.
- Tap shall never break for tapping through-hole or blind-hole.
- Tapping for heavier workpiece requires neither positioning equipments nor movement or large work area. Lower machining cost than that by CNC machine, drilling machine or manual tapping operation. Drilling to max: 6mm diameter
- Easy operation, no experience or strength required.
- Without stand plate.
- Air pressure: 6~8 kgs/cm²
- VAT-08/12 series require: 5HP compressor
- VAT-16/20 series require: 10HP compressor
- ※ GUARANTEED FOR 3 MONTHS.
- ※ MUST INSTALL ON A STABLE / HARD SURFACE FOR PARALLEL WORK.

Suggest collet size for standard acces



VAT-□□08 COLLET SIZE TC312-M3,M4,M5,M6*2,M8

VAT-□□12 COLLET SIZE TC312-M5,M6,M8*2,M10,M12

VAT-□□16 COLLET SIZE TC312/TC820
TC312-M8,M10
TC820-M10,M12,M14,M16

VAT-□□20 COLLET SIZE TC820-M10,M12,M14,M16,M18,M20

VAT-□□22 COLLET SIZE TC820-M12,M14,M16,M18,M20,M22

VAT-□□24 COLLET SIZE TC820-M14,M16,M18,M20,M22,M24

JIS & DIN376 Most Populared

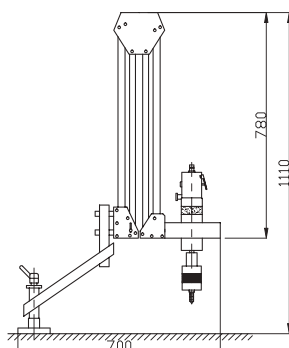
ORDER NO.	VAT-1608	VAT-1612	VAT-1616	VAT-1620	VAT-1622	VAT-1624
For Tap	M3~M8	M5~M12	M8~M16	M10~M20	M12~M22	M14~M24
	TC-312	TC-312	TC-820	TC-820	TC-820	TC-820
Speed (rpm)	700	400	250	200	200	100
Weight (kgs)	16.9	17	21.1	24.6	24.6	26.10
Work Range	Rmax 1600mm					
	Rmin 500mm					
CODE NO.	3404-420	3404-421	3404-422	3404-428	3404-428A	3404-428B

VAT-1608, 1612, 1616, 1620, 1622, 1624

STANDARD ACCESSORIES

- Air tapping spindle
- Parallel arm
- Table mounting column
- Air combination
- Choose any six safety clutch tapping adapters

Air Tapping Unit



STANDARD ACCESSORIES:

- Air tapping spindle
- Parallel arm & Air combination
- Table mounting column
- Choose any six safety clutch tapping adapters
- Radial jib, increases arm reach by 500 mm
- Air pressure: 6~8 kgs / cm²
- VAT-08/12 series require: 5HP compressor
- VAT-16/20 series require: 10HP compressor

ORDER NO.	VAT-1908	VAT-1912	VAT-1916	VAT-1920	VAT-1922	VAT-1924
For Tap	M3~M8 TC-312	M5~M12 TC-312	M8~M16 TC-820	M10~M20 TC-820	M12~M22 TC-820	M14~M24 TC-820
Speed (rpm)	700	400	250	180/200	185/205	90/100
Weight (kgs)	19.7	23.9	23.5	26	28	28
Work Range	Rmax 1900mm Rmin 200mm					
CODE NO.	3404-425	3404-426	3404-427	3404-430	3404-431	3404-431A

※Base not included

Air Tapping Spindle

※VAT-1924 can be replaced by VAT-1624

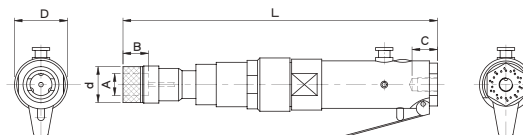
※GUARANTEED FOR 3 MONTHS.



High torque, high efficiency for machining all tapping requirement. Light and handy main shaft design, easy operation.

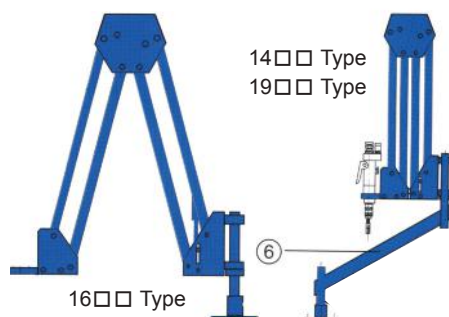
The required pressure is 6.3kg/cm²=90 PSI.

- SP08 & SP12 Required 5 HP compressor and more.
 - SP16 & SP20 Required 10 HP compressor and more.
- (must keep the air pressure at 6.3kg/cm²)
- ※GUARANTEED FOR 3 MONTHS.



ORDER NO.	TAPPING CAPACITY	SPEED (rpm)	MOUNTING DIA.	A	B	C	D	d	L	WEIGHT (kgs)	CODE NO.
VAT-SP08	M3-M8	630/700	ø38.5 (1 1/2")	19	30	22	46	32	263	1.5	3404-432
VAT-SP12	M5-M12	350/400	ø38.5 (1 1/2")	19	30	22	46	32	263	1.5	3404-433
VAT-SP16	M8-M16	230/250	ø61.3 (2 13/32")	31	48	27	65	50	360	3.9	3404-434
VAT-SP20	M10-M20	180/200	ø61.3 (2 13/32")	31	48	27	65	50	360	3.9	3404-435
VAT-SP22	M12-M22	185/205	ø61.3 (2 13/32")	31	48	27	65	50	360	3.9	3404-435A
VAT-SP24	M14-M24	90/100	ø61.3 (2 13/32")	31	48	27	65	50	395	4.3	3404-435B

Parallel Arm For Air Tapping Unit



PARALLEL ARM

FOR THE AIR TAPPING UNIT

ORDER NO.	WEIGHT SP-08	WEIGHT SP-12	WEIGHT SP-16	WEIGHT SP-20	WEIGHT SP-22	WEIGHT SP-24	CODE NO.
VAT-ARM700-SP [08, 12, 16, 20, 22, 24]	12kgs	12kgs	14kgs	12kgs	12kgs	12.2kgs	3404-436
VAT-ARM1400x200-SP [08, 12, 16, 20, 22, 24]	17kgs	17kgs	18kgs	17kgs	17kgs	19.7kgs	3404-437
VAT-ARM1600x500-SP [08, 12, 16, 20, 22, 24]	17kgs	17kgs	18kgs	17kgs	17kgs	19.7kgs	3404-438
VAT-ARM1900x200-SP [08, 12, 16, 20, 22, 24]	19kgs	19kgs	20kgs	19kgs	19kgs	21.8kgs	3404-439

※ MUST INSTALL ON A STABLE / HARD SURFACE FOR PARALLE WORK.

AIR TAPPING UNIT



Mini Type Arm Type Air Tapping Unit

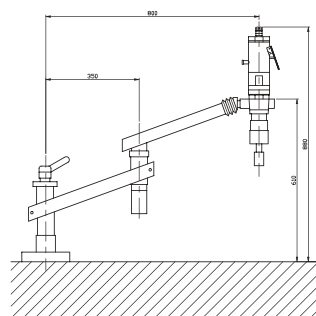


VERTEX®

HIGH TORQUE HIGH EFFICIENCY EASY OPERATION



※Base not included



ACCESSORIES

- Air tapping spindle
- Parallel arm & Air combination
- Table mounting column
- Choose any six safety clutch tapping adapters
- Radial jib
- Air pressure: 6~8 kgs/cm²
- VAT-08/12 series require: 5HP compressor
- VAT-16/20 series require: 10HP compressor

※GUARANTEED FOR 3 MONTHS.

※MUST INSTALL ON A STABLE / HARD SURFACE FOR PARALLEL WORK.

ORDER NO.	VAT-708	VAT-712	VAT-716	VAT-720	VAT-722	VAT-724
For Tap	M3~M8	M5~M12	M8~M16	M10~M20	M12~M22	M14~M24
	TC-312	TC-312	TC-820	TC-820	TC-820	TC-820
Speed (rpm)	630/700	350/400	250	200	200	100
Weight (kgs)	13.2	13.1	17.3	20.6	20.6	22.1
Work Range	Rmax 700mm					
CODE NO.	3404-410	3404-411	3404-412	3404-413	3404-413A	3404-413B

AIR TAPPING UNIT



Small Arm Type Air Tapping Unit

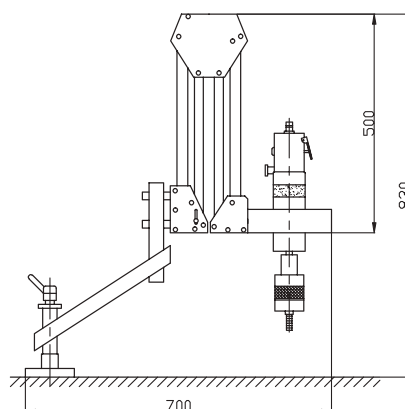
HIGH TORQUE HIGH EFFICIENCY EASY OPERATION



※Base not included

ACCESSORIES

- Air tapping spindle
- Parallel arm & Air combination
- Table mounting column
- Choose any six safety clutch tapping adapters
- Radial jib, increases arm reach by 500 mm



- Without stand plate
- Air pressure: 6~8 kgs / cm²
- VAT-08/12 series require: 5HP compressor
- VAT-16/20 series require: 10HP compressor

※ GUARANTEED FOR 3 MONTHS.

※ MUST INSTALL ON A STABLE / HARD SURFACE FOR PARALLEL WORK.



ORDER NO.	VAT-1408	VAT-1412	VAT-1416	VAT-1420	VAT-1422	VAT-1424
For Tap	M3~M8	M5~M12	M8~M16	M10~M20	M12~M22	M14~M24
	TC-312	TC-312	TC-820	TC-820	TC-820	TC-820
Speed (rpm)	700	400	250	200	200	100
Weight (kgs)	18.2	18.2	24.6	25.6	25.6	27.1
Work Range	Rmax 1400mm					
	Rmin 200mm					
CODE NO.	3404-415	3404-416	3404-417	3404-418	3404-418A	3404-418B

※VAT-1424 can be replaced by VAT-1624

TOOLING SYSTEM C130