

2.3 MACHINE SPECIFICATIONS

SPECIFICATION MAY DIFFERENT ACCORDING TO CUSTOM REQUEST OR OPTIONS.

TABLE

MACHINE SPECIFICATION	V700	
WORKING SURFACE (X x Y)	800 X 400 mm (31.5 X 15.7 inch)	
T SLOT (NO.x WIDTH x PITCH)	3 X 18 mm X 100 mm (3 X 0.7 X3.9 inch)	
TABLE STROKE (X x Y)	700 X 400 mm (27.5 X 15.7 inch)	
CUTTING FEEDRATE	1-10000 mm/min (0.04-393.75 inch / mm)	
RAPID TRAVERSE (X , Y)	48000 mm/min	48000 mm/min
RAPID TRAVERSE (Z)	32000 mm/min	48000 mm/min
X,Y FEED MOTOR (AC SERVO UNIT)	12Nm AC MOTOR	12Nm AC MOTOR
Z FEED MOTOR (AC SERVO UNIT)	20Nm AC MOTOR	12Nm AC MOTOR
TABLE LOAD CAPACITY	250 kg (551 lbs)	

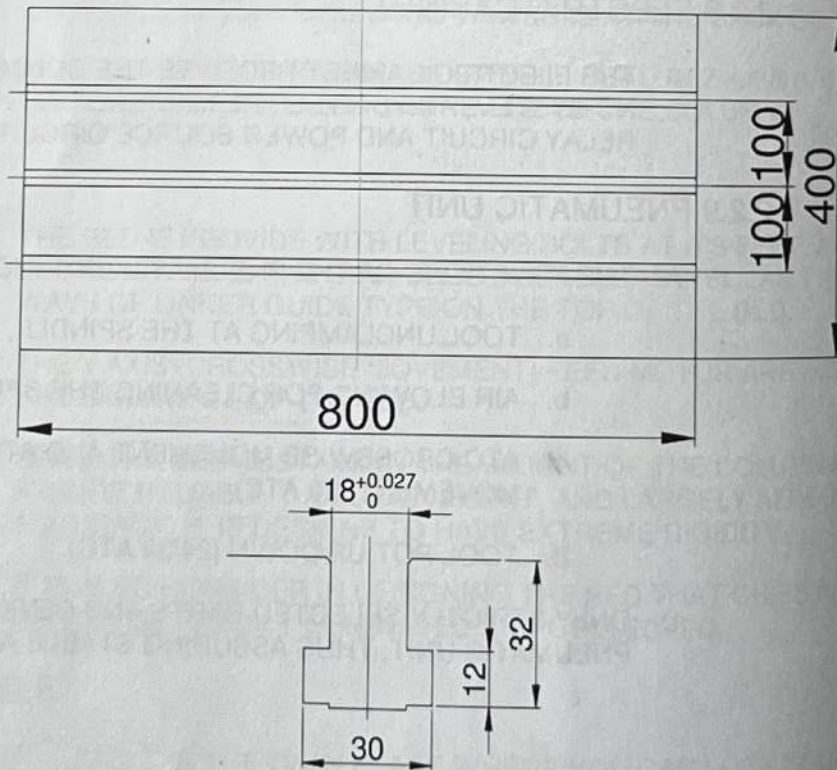


FIG. 2.2.3 V43 PRINCIPAL DIMENSIONS OF TABLE

STRO
TABLE END
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SPIND SPEED
MAX. S MOMEN
AU
TYPE
TOOL S CAPACIT
TOOL CH (TOOL T
TOOL CH TO CHIP)
MAX. ADJ DIAMETE
MAX. TOC
MAX. TOC
TOOL TOT

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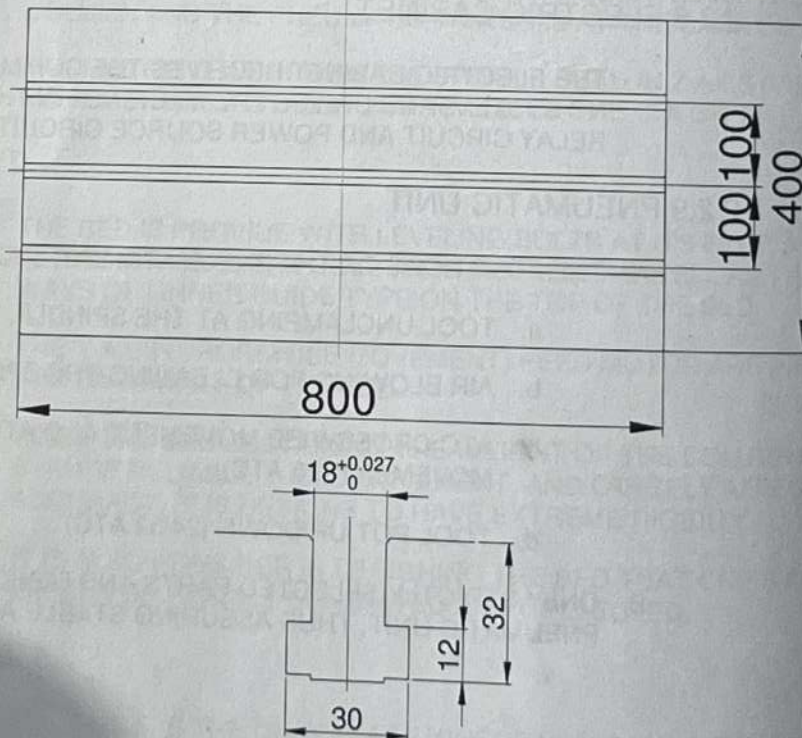


FIG. 2.2.3 V43 PRINCIPAL DIMENSIONS OF TABLE



SPINDLE

	14T	24T	
STROKE (Z)	450 mm (17.7 inch)	550 mm (21.6 inch)	650 mm (25.5 inch)
TABLE TO SPINDLE END	150 / 600 mm (5.9 / 23.6 inch)	150 / 700 mm (5.9 / 27.5 inch)	150 / 800 mm (5.9 / 31.4 inch)
SPINDLE MOTOR	5.5 / 7.5KW		
SPINDLE ROTATION SPEED RANGE	10000-15,000 rpm		
MAX. SPINDLE MOMENT OF INERTIA	26.3 Nm		

AUTOMATIC TOOL CHANGE

TYPE	ARMLESS	ARM
TOOL STORAGE CAPACITY	14T	24 T (OP)
TOOL CHANGE TIME (TOOL TO TOOL)	1.6 SEC	2.0 SEC
TOOL CHANGE TIME (CHIP TO CHIP)	3.2SEC	4.6 SEC
MAX. ADJACENT TOOL DIAMETER	120 mm (4.72 ")	80 mm (3.14 ")
MAX. TOOL WEIGHT	4 kgs (8.8 lbs)	7 kgs (14.14 lbs)
MAX. TOOL LENGTH	200 mm (7.87")	250 mm (9.84")
TOOL TOTAL WEIGHT	4 kg (lbs)	7 kg (lbs)

GENERAL INFORMATION

	14T	24T	
AIR POWER REQUIRED	5.5 bar		
SPINDLE CENTER TO COLUMN	500 mm (19.7")		
FLOOR TO TABLE	858 mm (33.8")		
MACHINE HEIGHT	2757 mm (108.5")	2720 mm (107")	2770 mm (109")
MACHINE WEIGHT	3690kg (8133 lbs)		
FLOOR AREA REQUIRED	3,500 X 3,880 mm		

ARM	ADDRESS	
24 T (OP)	14 T	
5.0 SEC	18 SEC	
4.6 SEC	2.2 SEC	
80 mm (3.14")	120 mm (4.72")	
7 kg (14.14 lbs)	4 kg (8.8 lbs)	
250 mm (9.84")	500 mm (19.7")	
7 kg (lbs)	4 kg (lbs)	

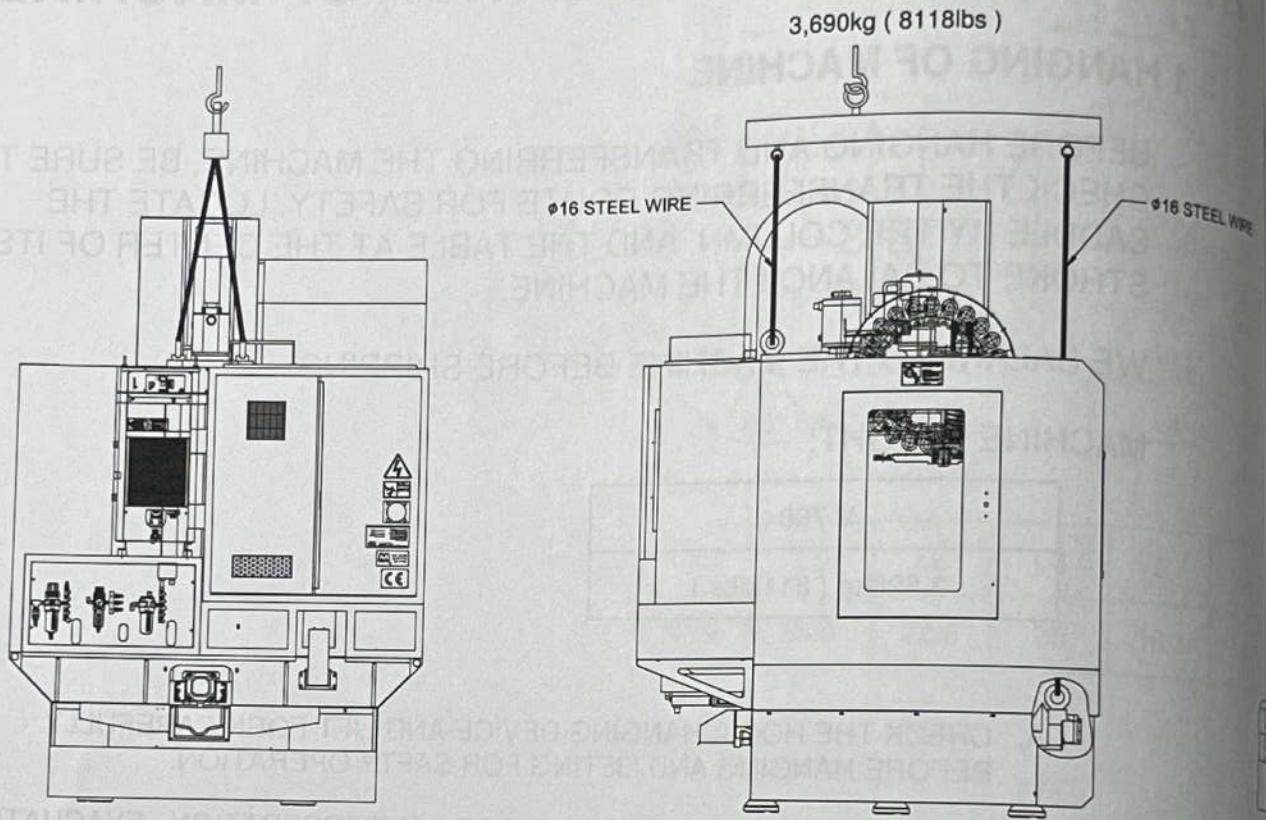
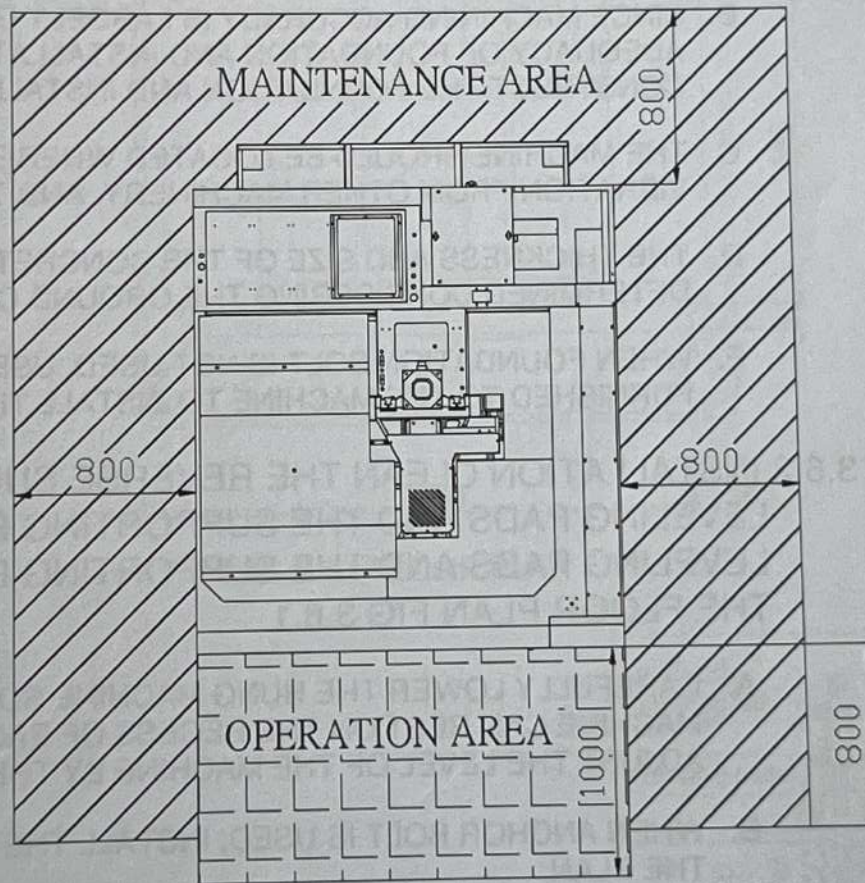


FIG 3.1.1 HANGING THE MACHINE

3.5 INSTALLATION SPACE

- RESERVED SPACE FOR OPERATION AREA AND MAINTANCE AREA IS NECESSARY FOR SAFTY AND EFFENCY USE OF THE MACHINE AFTER INSTALLATION, FIG 3.5.1.
- IF YOU HAVE ANY QUESTION ABOUT INSTALLTION SPACE, CHECK WITH YOUR MACHINE AGENT BEFORE INSTALLTION.



MACHINE WITHOUT OPTION

FIG 3.5.1 INSTALLATION SPACE

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Unit:mm

MACHINE WITHOUT OPTION

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