

MACHINE CODE :-AMP2c\_vtl  
MACHINE COST 27LAC+2%COMMISSION+TRANSPORT

Ace /VTL-30  
Vertical Lathes

VTL 30 is a Vertical Turning Center. The very nature of the machine facilitates easy loading & unloading of work parts. Occupying less floor space in comparison to a horizontal machine with similar specifications, this machine is ideal for turning components with dimensions Dia 240 (700 mm Length), Dia 350 (300 mm Length) & Dia 500 (142 mm Length). It is available in Heavy Duty Linear Motion Roller Type Guideways.

Fanuc TD /12 station TP-125 Turret /  
Maximum Turning Dia 240 (700) , 350 (300), 500 (142) mm  
Heavy duty LM roller guideways for X & Z axe  
Overload trip clutches on both axes + hydraulic counter balance for Z axis

#### KEY SPECIFICATIONS

Description	Units	Values
Capacity		
Swing Over Bed	mm	800
Swing over carriage:	mm	240
Maximum Turning Dia :	mm	500
Maximum Turning Length:	mm	700
Spindle		
Spindle Size / Nose		A2-8
Max.Bar Capacity	mm	NA
Bore through Spindle :	mm	47
Max.Spindle Speed:	rpm	50 - 2500 rpm
Spindle Motor Power_Fanuc: (30 min)	kW	22
Full Power Range -FANUC	rpm	320 – 1920
Axis		
X-Axis stroke :	mm	265
X-Axis Rapid	m/min	20
X-Axis Guideways		Heavy duty LM guide ways
Z-Axis stroke :	mm	700
Z-Axis rapid	m/min	20
Z-Axis Guideways		Heavy duty LM guide ways
Tooling		
Turret Type		Electro Mechanical
No of Stations		12
Max.Boring Bar Dia	mm	50
OD Turning Tool Size	mm	25x25
Coolant Tank Capacity	l (litre)	200
Hydraulic System		
Hydraulic Pump Capacity	lpm	14
Hydraulic Power Pack Tank Capacity	l (litre)	45

#### DIMENSIONS

Overall Dimensions (LxWxH)	mm	1840x3355x2615
Overall Weight (without packing)	Kg	~ 7000

**ACE DESIGNERS LIMITED**  
 PLOT No. 7 & 8, II PHASE,  
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M/C TYPE	VTL-30
M/C NUMBER	300
YEAR	2014
SUPPLY VOLTAGE	380V / 415V
	3PEN, 50Hz
CONTROL VOLT.	24V D.C.
BACK UP FUSE	80 AMPS
RATED CURRENT	65/60 AMPS
KVA RATING	43 KVA
SIZE OF WIRE	16 SQ mm

