

VERTICAL MACHINING CENTER

NEW!

V-60i/V-80i

Rigid construction, unsurpassed quality, high accuracy and excellent performance under severe machining conditions.



- Well-ribbed base, spindle and column can achieve the maximum rigidity
- Symmetric structure design minimizes thermal deformations
- 4 Heavy duty linear guide ways in Y-axis for heavy cutting and heavy loading

MACHINE SPECIFICATIONS

ITEM	MODEL	V-60i		V-80i	
		DRUM Type	ARM Type	DRUM Type	ARM Type
CAPACITY					
	Unit				
X axis travel	mm (in)	1520 (59.8)		2040 (80.3)	
Y axis travel	mm (in)	760 (30)		1000 (40)	
Z axis travel	mm (in)	610+110 (24+4.3)	720 (28.3)	610+110 (24+4.3)	720 (28.3)
Distance from spindle nose to table surface	mm (in)	120-840 (4.8-33.1)		120-840 (4.8-33.1)	
Distance from spindle nose to column surface	mm (in)	760 (30)		1000 (40)	
TABLE					
Table size (LxW)	mm (in)	1550x750 (61x29.5)		2100x1000 (82.7x40)	
Max. table load weight	kg (lb)	1200 (2640)		1800 (3960)	
T-slot size		18TxP125x6		18TxP125x8	
SPINDLE					
Spindle speeds	rpm	8000		8000	
Spindle nose (nominal size, No.)		No.40		No.40	
Spindle bearing inner diameter	mm	70 (2.75)		70 (2.75)	
FEEDRATE					
Rapid traverse X,Y/Z	m/min (IPM)	24/20 (945/787.4)		24/20 (945/787.4)	
Max. cutting feedrate	m/min (IPM)	5 (196.8)		5 (196.8)	
A.T.C.					
Tool storage capacity (Drum/Arm opt.)	pcs	24	24	24	24
Max. tool diameter (with adjacent tools)	mm (in)	95 (3.7)	80 (3.15)	95 (3.7)	80 (3.15)
Max. tool length	mm (in)	250 (9.8)	250 (9.8)	250 (9.8)	250 (9.8)
Tool change time (T-T/C-C)	sec	6/8	2/5	6/8	2/5
MOTORS					
Spindle motor (cont/30min) FANUC	kW (HP)	15 (20)		15 (20)	
X/Y,Z axis motor	kW (HP)	4 (5.4)		4 (5.4)	
MACHINE SIZE					
Height of machine (H)	mm (in)	3300 (130)		3300 (130)	
Floor space (LxW)	mm (in)	4620x3500 (182x125.5)		4620x3500 (182x125.5)	
Total machine weight	kg (lb)	10500 (23100)		11700 (25770)	
Power requirement	KVA	35		35	
Computer control	FANUC	Oi-MC		Oi-MC	

STANDARD ACCESSORIES

- Full guarding
- Coolant system
- 8000rpm spindle
- Rigid tapping
- Spindle internal air blow system
- Centralize lubrication system
- Inside screw type chip conveyor
- Auto counter for workpiece
- T-slot table
- Heat exchanger
- Tools for set up
- RS 232 interface
- Air purge system

OPTIONAL ACCESSORIES

- Big coolant tank
- 10000rpm spindle
- 12000rpm spindle
- Spindle oil chiller
- Two speed gearbox
- C.T.S preparation
- Tool tip air blow system
- Linear scales
- Tool overload detection
- Auto tool length measurement
- Automatic workpiece measurement
- Simple tool life management
- Shower coolant system
- Chip conveyor outside machine & chip bucket
- Oil skimmer
- Coolant gun
- Rotary table preparation
- Manual tail stock for rotary table
- Through hole drill kit
- Auto counter for work piece
- DNC link software
- Arm A.T.C with 24 tools magazine
- Arm A.T.C with 30 tools magazine
- Drum A.T.C with 20 tools magazine(BT40)
- Automatic power off
- Transformer

LEADWELL CNC MACHINES MFG.,CORP.

NO.23, Gong 33th Road, Taichung Industrial Park Taichung 407, Taiwan

TEL: 886-4-23591880 FAX: 886-4-23592555, 23593875

E-mail: sales@leadwell.com.tw

www.leadwell.com.tw