

## CNC TURNING CENTER

**NEW!**

**F-1**

*This machine meets your requirements  
for variable machining jobs*



- High rigid slant bed with precision linear way  
for stable cutting
- Fully guard for complete protection of cutting area
- Well designed of construction & easy for chip removal
- 4000rpm spindle for standard ,6000rpm available for option
- Bar capacity 51mm(2")
- Turret with 8 tool position

## MACHINE SPECIFICATIONS

ITEM	MODEL	F-1
<b>CAPACITY</b>		
Max. swing	mm (in)	ø446 (17.55)
Swing over cross slide	mm (in)	ø274 (10.78)
Max. turning diameter	mm (in)	ø280 (11.02)
Max. turning length	mm (in)	420 (16.5)
Bar capacity	mm (in)	ø51 (2)
Chuck size	in	6
<b>TRAVEL</b>		
X axis	mm (in)	140(5.51)+5(0.2)
Z axis	mm (in)	460 (18.1)
<b>SPINDLE</b>		
Spindle speeds	rpm	4000/6000 (OPT.)
Spindle nose		A2-5
Through hole spindle	mm (in)	ø62 (2.4)
<b>TURRET</b>		
Number of tool positions		8
Turret indexing time (adjacent)	sec	1.1
<b>FREEDRATE</b>		
X rapid traverse	M(in)/min	30 (1181.1)
Z rapid traverse	M(in)/min	30 (1181.1)
<b>MOTORS</b>		
Spindle motor	kW (HP)	11 (14.7)
X axis feed motors	kW (HP)	1.2 (1.6)
Z axis feed motors	kW (HP)	1.2 (1.6)
Coolant motor	kW (HP)	0.18 (0.25)
<b>MACHINE SIZE</b>		
Machine weight	kg (lbs)	3000
Machine dimensions (LxWxH)	mm (in)	2340x1587x1595 (92.1x62.5x62.8)
Computer Control	FANUC	Oi-mate T

### STANDARD ACCESSORIES

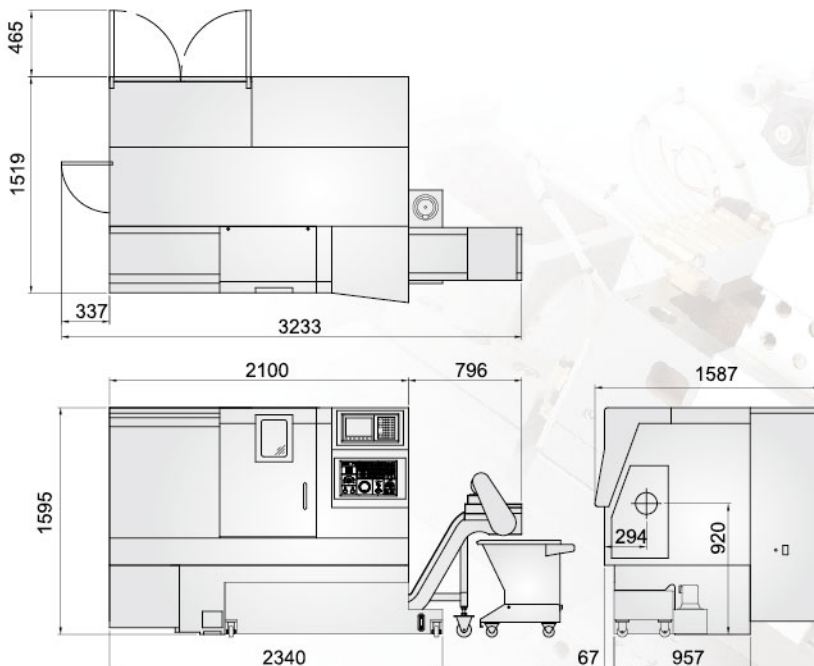
- Full guarding
- 3 jaws through hole chuck
- Soft jaw x 3 set
- Hard jaw x 1 set
- Hydraulic unit
- Heat exchanger
- Tools for set up
- RS 232 interface

### OPTIONAL ACCESSORIES

- Chip conveyor with bucket
- Collect chuck
- Soft jaw
- Hard jaw
- Parts catcher
- Bar feeder
- Bar feeder interface
- Auto door
- Single point spindle orientation
- CE mark
- Extra storage memory
- FANUC 0 -T
- 8" chuck
- 6000 rpm spindle speed
- Tool setter

## MACHINE DIMENSIONS

Unit:mm



## 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](http://www.leadwell.com.tw)

※ All performance are based on 220V/3PH/60HZ. Specification are subject to change without notice.