

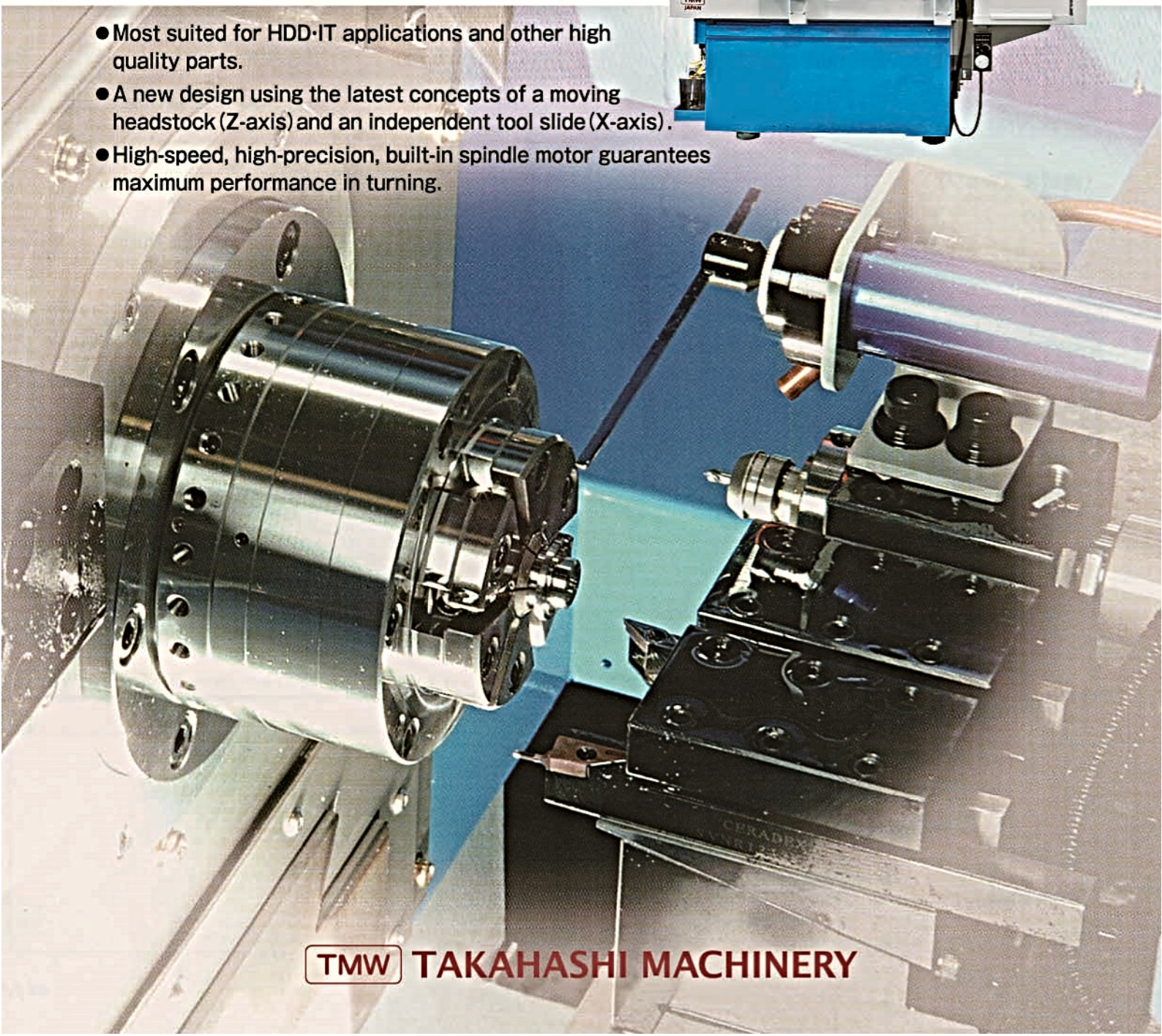
**ULTRA-COMPACT PRECISION GANG TYPE CNC LATHE
WITH 2-AXIS CONTROLLED GANTRY LOADER**



L2-P-2NCL

The L2-P, equipped with a specially designed dual-axis gantry loader, allows stable automation. Additionally, the capability of combining various barstocks, stackers, conveyors, and other optional equipment, provides continuous & consistent unattended operation.

- Most suited for HDD-IT applications and other high quality parts.
- A new design using the latest concepts of a moving headstock (Z-axis) and an independent tool slide (X-axis).
- High-speed, high-precision, built-in spindle motor guarantees maximum performance in turning.



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■ MACHINE STANDARD SPECIFICATION

Specifications	Unit	L2-P-2NCL
Capacity	Max.turnable O.D.	mm(in) $\phi 100(3.937)$
	Max.bar capacity	mm(in) $\phi 7(0.275)$
	Max.turnable length	mm(in) 100(3.937)
	Max.chuck size	in 4
Travel	X-axis	mm(in) 220(8.661)
	Z-axis	mm(in) 180(7.086)
Spindle max.speed	min ⁻¹ (rpm)	Max 10,000
Rapid feed rate	X-axis	mm/min(IPM) 12,000(472.44)
	Z-axis	mm/min(IPM) 16,000(629.921)
Cutting feed rate	mm/rev(in/rev)	0.0001~40.0(0.000001~9.999999)
	mm/min(IPM)	1~4,000(0.01~400.0)
Spindle motor	kw(HP)	Built-in spindle motor 2.2/1.5(2.9/2.0)
Servo motor	kw(HP)	X:0.75/Z:0.75(1.0/1.0)
Machine size	Height	mm(in) 1,840(72.44)
	Floor space(WxD)	mm(in) 1,760(69.291)×1,295(50.984)
	Weight	Kg(lb) 1,600(3,528)

■ STANDARD ACCESSORIES

- 2-axis NC gantry loader ● Loading /unloading air chuck and jaws
- X-Z axis lubrication system 1 set ● Tool holders 3 sets ● Spindle chilling system 1 set ● Splash guard 1 set ● Coolant unit 1 set ● Door lock system 1 set ● Work light 1 set ● Coolant blow system 1 set
- Hand tools 1 set

■ OPTIONAL ACCESSORIES

- X-axis linear scale(resolution 0.05 micron meter) ● Chip conveyor
- Automatic fire extinguisher ● Duct for mist collector ● Oil mist collector
- Coolant temperature controller ● 4" precision air chuck and jaws
- 4" diaphragm chuck and jaw ● Air blow through spindle ● Air blow system
- Tool counter ● TMW 20-Type mechanical collet closer ● Quick change type toolholder system ● Parts in/out conveyor ● Parts in/out palletize system ● Parts in/out pallet changer

■ CNC UNIT STANDARD SPECIFICATIONS

Specifications	Unit	FANUC Series Oi-T
Controlled axis		5 Axes(X,Z,C,ZL,YL) Simultaneously controlladle axis: 5 axes(automatic mode)
Least input increment	mm(in)	0.0001(0.00001)
Max.programmable dimensions	mm(in)	±9999.9999(±999.99999)
Manual handle feed	mm(in)	0.0001(0.00002),0.001(0.0001),0.01(0.001)
Interpolation function		Linear,Taper,Threading,Circular Incremental & Absolute
Part program storage & editing	m(ft)	800(2,624.8)
Display	in	8.4 inch color LCD
Number of register able programs		400
Input code		ISO/EIA automatic recognition
Tool offset maount memory		±7digits,64pairs
Rapid traverse override		4 steps
Reference position		Manual,Automatic

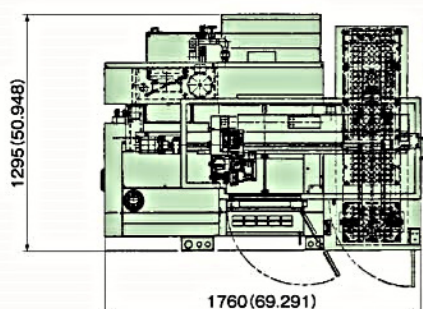
■ CNC UNIT STANDARD ACCESSORIES

- Tool geometry and wear offset ● Chamfering/corner R ● Manual pulse generator ● Backlash compensation ● Canned cycles
- Multiple repetitive cycles (G70~G76) ● Run hour and parts count display ● Thread cutting retract ● Continuous threading ● Play back
- Radius designation on arc ● X-axis diameter/radius programming
- Constant surface speed control ● Tool nose radius compensation
- Inch/metric conversion ● Custom macro ● Extended program editing
- Rigid tapping

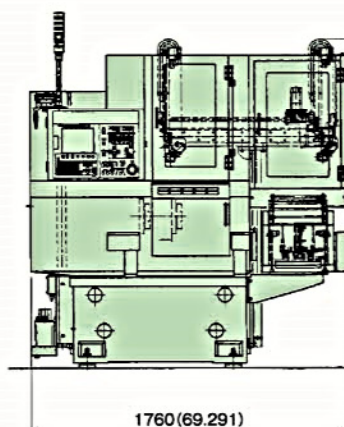
■ CNC UNIT OPTIONAL ACCESSORIES

- External offset input interface ● Reader/puncher interface
- Automatic tool offset

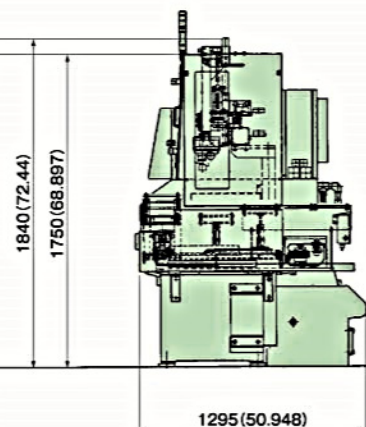
MACHINE EXTERNAL VIEWS



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

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● Due to continual research and improvement, the above specifications are subject to change without notice.

TAKAHASHI MACHINERY CO., LTD.

<http://www.tmwjp.com>

Head office: 4-11 Aza Shinbo, Ohaza Yamaya, Ojiya-City, Niigata Pref., Japan(947-8506)
TEL(0258)82-4315, FAX(0258)83-2202, E-mail:sales@tmwjp.com

Nagoya branch: EME Nagoya Bldg., 4F, 4-24-8, Meieki, Nakamura-ku, Nagoya-City,
Aichi Pref., Japan(450-0002)
TEL(052)571-5155, FAX(052)561-4966, E-mail: sales-nagoya@tmwjp.com

TAKAHASHI MACHINERY(THAILAND): 2549/32 Phaholyothin Rd., Lard Yao, Jatujuk,
Bangkok 10900 Thailand
TEL(662)942-7162, FAX(662)942-7163