

**LEADWELL**  
LEADWELL CNC MACHINES MFG.,CORP.



- Quality Is Our Nature
- In Search of Excellence
- LEADWELL Leads the Industry in Taiwan, in the World

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**PRODUCTS  
CATALOGUE**

**LEADWELL CNC MACHINES MFG.,CORP.**

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

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**MACHINING CENTER  
TURNING CENTER**

When you buy a LEADWELL machine, you get more than just a machine; you get a commitment to quality-before and after the sale

# ABOUT LEADWELL

LEADWELL was the first company in Taiwan producing only CNC Machine Tool.

## LEADWELL Leads the Industry in Taiwan, in the World

With our human resources, strong Research & Development, and quick to the market LEADWELL has become a leader in the machine tool industry in Taiwan and throughout the world.

## In Search of Excellence

LEADWELL's mission is to constantly search for excellence and gain respect in the industry. The entire staff at LEADWELL pledges to bring innovation, quality assurance, world-class after sales service, and environmentally friendly machine tools to the worldwide marketplace. We strive to win the respect of both our customers and worldwide competitors alike.

## Mission

To Become a leading brand among the global machinery industry with its reliability, technologies, and services.

## Core Values

Integrity, Team, Innovation, Fulfillment

## Research & Development

LEADWELL was founded on the idea "To produce the highest quality, most cost-efficient and leading-edge machine tools possible. "We challenge our R&D team to be innovative and to keep up to date with industry trends and technologies. With this industry knowledge they design original machines that are efficient and versatile to meet the customers' needs. We continue to emphasize new technologies in our manufacturing. With this industry knowledge and new technologies in place, we can ensure our ability to provide the most innovative products now and into the future.



## Production & Manufacturing

The task of achieving the highest possible production efficiency and quality within a limited time frame is a constant challenge for the shop floor. LEADWELL machining centers consistently demonstrate the great potential for meeting this challenge by operating quickly and efficiently to cut materials fast, smoothly and accurately. Additionally, LEADWELL machines are carefully designed and engineered for superior reliability. By incorporating unique features to prevent chips from getting into the spindle taper LEADWELL machines can operate with a minimum of operator maintenance. We actively pursue technical innovation utilizing new information collected from our customers and the advanced technology needs of new industries. We believe that our products will contribute to our customer's production goals and lead to remarkable benefits for every customer.

## LEADWELL Focuses on Quality

We demand that our Quality Control testing be intense and thorough. Excellence is the minimum acceptable standard at LEADWELL. With this standard we are able to make the very best product each time, every time.

## Quality Is Our Nature

The staff at LEADWELL is of one mind on quality. In work and in life they strive for the very best. They follow not only the rules and regulations but take it to higher plane by keeping quality in all that they do. With this quality culture LEADWELL produces superior machinery.

## Social Responsibility

LEADWELL respects the earth in which we live. We produce low pollution machines and are constantly working to improve the pollution standard. We are working with academic organizations both to research new innovations and to train for the future.

## Goal

To become a world leading manufacturer and service provider. The LEADWELL brand stands for innovation in a rapidly changing world. Already LEADWELL is known for safety, speed, precision, and efficiency. We are bringing high-quality, innovative, reliable, competitive products to the machine tool market.



## Marketing/Customer Service

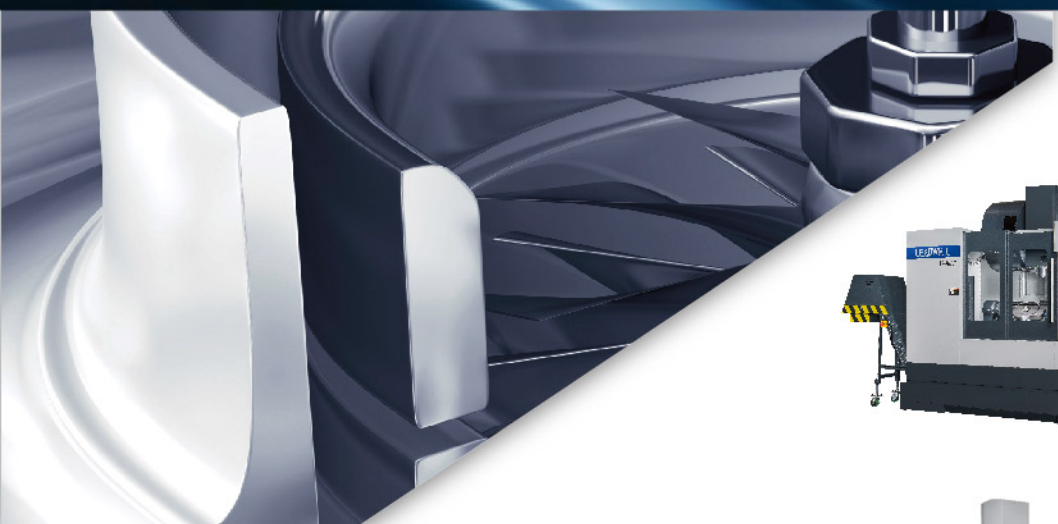
The marketing team, customer service and the management all work as one team to serve the customer. The customer's needs reign supreme. LEADWELL will come up with the right solution to fit those needs. After the sale, the customer and LEADWELL customer service work with on-site meetings to make the installation process a smooth one. To help sales & customer service,

## LEADWELL has

- A worldwide service/sales/marketing network
- Representative agents in 60 countries
- A network of over 100 service agents
- Currently have over 50,000 machines worldwide

# Machining Center

# Turning Center



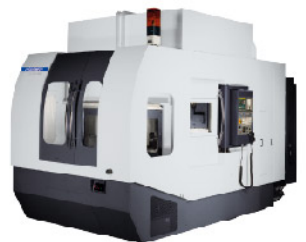
**iT**  
Vertical / 5 Axes  
Linear Way  
V-30iT  
V-32iT  
V-20iT  
V-40iT  
V-60iT



**BC**  
Vertical / 5 Axes  
BC-600 / BC-600T  
BC-700 / BC-700T  
BC-800 / BC-800T  
BC-960 / BC-960T



**MU**  
Vertical / 5 Axes  
MU-450  
MU-650



**LC**  
Travel Column APC /  
High Production  
Linear Way  
LCH-500  
LCV-760



**MH**  
Horizontal /  
High Production  
Box Way  
MH-500i  
MH-630



**VE**  
Vertical / High Efficiency  
Linear Way  
V-22iF / iR  
V-30iF / iR  
V-32AF / AR  
V-42AF / AR  
V-52AF / AR



**NV**  
Vertical /  
High Performance  
Linear Way  
V-40iL  
V-50L  
V-60S  
V-60i  
V-80i



**MCV**  
Vertical / Heavy Duty  
Box Way  
MCV-1300iS  
MCV-1500i  
MCV-1500i+  
MCV-2000i



**T**  
Horizontal / Multi-function  
High Efficiency / Linear Way  
T-5i / T-5iM / T-6i / T-6iL  
T-6iM / T-6iLM  
T-7A / T-7AM  
T-7i / T-7iM / T-7iS / T-7iSM  
T-8 / T-8M / T-8S / T-8SM  
T-8XL / T-8XLM



**VTL**  
Vertical / Heavy Duty  
High Production  
VTL-450(Linear Way)  
VTL-600/VTL-600M(Linear Way)  
VTL-800/VTL-800M(Box Way)



**T2/SMY**  
10 Axes Multi-Tasking &  
Turret linear Way/Box Way  
T-7T2SMY



**TW**  
Dual Spindle &  
Turret Turning Center  
TW-8 / TW-8M  
TW-10 / TW-10M



**TM**  
Multi-Tasking Machine  
Linear Way  
TM-1000 / TM-1000S  
TM-1700 / TM-1700S  
TM-2000 / TM-2000S



**LTC**  
Horizontal / Heavy Duty  
High Performance / Box Way  
LTC-200/LTC-200L  
LTC-200M/LM/LMY/LMY  
LTC-20D/LTC-20DM/LTC-20DMY  
LTC-20DSMY  
LTC-20i/LTC-20iM  
LTC-25i/iL/iXXL/iLV/iM/iLM/iXXLM/iLVM  
LTC-30i/iL/iXL  
LTC-30iM/iLM/iXLM  
LTC-35C/CL/CXL/CXXL/CLV  
LTC-35M/LM/XLM/XXLM/LVM  
LTC-35Y/LY/XLY/XXLY/LVY  
LTC-50i/iL/iXL/iXXL  
LTC-50iM/iLM/iXLM/iXXLM  
LTC-50iY/iLY/iXLY/iXXLY  
LTC-60CXL/CXXL/XLM/XXLM/XLY/XXLY  
LTC-65C/CL/CXL/CXXL/CLV/CXLV



**T-6SMY/MY**  
Multi-Tasking Turning Center  
T-6SMY / MY



**LTC-25i  
(MY/S/SM/SMY)**  
Multi-Tasking Turning Center  
Box Way  
LTC-25iMY  
LTC-25iS  
LTC-25iSM  
LTC-25iSMY



# MACHINING CENTER

## VE SERIES

Vertical / High Efficiency



Item	Model	V-22i F/i R	V-30i F/i R	V-32AF/AR	
X axis travel	mm(in)	510(20.1)	800(31.5)	800(31.5)	
Y axis travel	mm(in)	420(16.5)	460(18.1)	520(20.5)	
Z axis travel	mm(in)	510(20.1)	510(20.1)	610(24)	610(24)
Table size (LxW)	mm(in)	600x400(23.6x15.7)	860x450(33.8x17.7)	890x500(35x19.7)	
Max. table load	kg	250	300	500	
Spindle speed	rpm	10000		10000/12000 opt.	12000 DDS
Rapid traverse X/Y/Z	m/min(ipm)	48/48/36(1890/1890/1417)			
Tool storage capacity	pcs	24	24	24	24
Spindle motor(30min)FANUC	kw(hp)	7.5/11(10/14.7) α8			15/18.5(20/24.8) α15
X/Y/Z axis motor	kw(hp)	4(5.4)			
Machine size(LXWXH)	mm	2440X3150X2370(FRONT) 2130X2400X2370(REAR)	2440X2117X2370(FRONT) 2130X2400X2370(REAR)	2870X2560X2867(FRONT) 2440X3195X2867(REAR)	2870X2560X2730(FRONT) 2440X3010X2730(REAR)
Machine weight	kg	3455 FRONT/3380 REAR	3700 FRONT/3500 REAR	5400	5450

Item	Model	V-42AF/AR		V-52AF/AR
X axis travel	mm(in)	1000(40)		1270(50)
Y axis travel	mm(in)	520(20.5)		600(23.6)
Z axis travel	mm(in)	610(24)	610(24)	610(24)
Table size (LxW)	mm(in)	1100x500(43.3x19.7)		1420x580(56x22.8)
Max. table load	kg	500	800	500
Spindle speed	rpm	10000/12000 opt.	12000 DDS	10000/12000 opt.
Rapid traverse X/Y/Z	m/min(ipm)	48/48/36(1890/1890/1417)		
Tool storage capacity	pcs	24	24	24
Spindle motor(30min)FANUC	kw(hp)	7.5/11(10/14.7) α8		15/18.5(20/24.8) α15
X/Y/Z axis motor	kw(hp)	4(5.4)		
Machine size(LXWXH)	mm	2870X2560X2867(FRONT) 2440X3195X2730(REAR)		3100X3431X2852(FRONT) 2800X3638X2852(REAR)
Machine weight	kg	5500	5550	5800

# MACHINING CENTER

## NV SERIES

Vertical / High Performance



Item	Model	V-40i L	V-50L	V-60S
X axis travel	mm(in)	1020(40.2)	1270(50)	1520(59.8)
Y axis travel	mm(in)	635(25)		
Z axis travel	mm(in)	610(24)	610(24)	610(24)
Table size (LxW)	mm(in)	1120x610 (44x24)	1420x610 (56x24)	1550x610 (61x24)
Max. table load	kg	800	1000	
Spindle speed	rpm	10000/12000, 15000 opt.		
Rapid traverse X/Y/Z	m/min(ipm)	48/48/36(1889/1889/1417)	36(1417)	
Tool storage capacity	pcs	24	24	24
Spindle motor (30min) FANUC	kw(hp)	18.5(24.8)		
X/Y/Z axis motor	kw(hp)	4(5.4)	4(5.4)	
Machine size(LXWXH)	mm	3200x2200x2721	3840x2200x2721	4130x2200x2721
Machine weight	kg	6200	7000	7800

Item	Model	V-60i	V-80i
X axis travel	mm(in)	1520(59.8)	2040(80.30)
Y axis travel	mm(in)	800(31.4)	1000(40)
Z axis travel	mm(in)	720(28.3)	720(28.3)
Table size (LxW)	mm(in)	1550x750 (61x29.5)	2100X1000 (82.7X40)
Max. table load	kg	1200	1800
Spindle speed	rpm	10000/12000, 15000 opt.	
Rapid traverse X/Y/Z	m/min(ipm)	24/24/20(945/945/787)	
Tool storage capacity	pcs	24	24
Spindle motor (30min) FANUC	kw(hp)	15(20)	
X/Y/Z axis motor	kw(hp)	4(5.4)	
Machine size(LXWXH)	mm	3942x4017x3348	5464x4512x3335
Machine weight	kg	10500	15100

# MACHINING CENTER

## MCV SERIES

Vertical / Heavy Duty



Item	Model	MCV-1300i S	MCV-1500i
X axis travel	mm(in)	1300(52)	1520(59.8)
Y axis travel	mm(in)	635(25)	760(30)
Z axis travel	mm(in)	610(24)	720(28.3)
Table size (LxW)	mm(in)	1420x610(56x24)	1550x750(61x29.5)
Max. table load	kg	1000	1300
Spindle speed	rpm	4000	
Rapid traverse X/Y/Z	m/min(ipm)	24/24/20(944.9/944.9/787)	20/20/20(787.4/787.4/787.4)
Tool storage capacity	pcs	24	
Spindle motor (30min) FANUC	kw(hp)	15(20)	15(20)
X/Y/Z axis motor	kw(hp)	4/4/7(5.4/5.4/9.3)	4/4/4(5.4/5.4/5.4)
Machine size(LXWXH)	mm	3840x2200x2721	3820x4365x3370
Machine weight	kg	7000	11720

Item	Model	MCV-1500i +	MCV-2000i
X axis travel	mm(in)	1520(59.8)	2040(80.3)
Y axis travel	mm(in)	1000(40)	
Z axis travel	mm(in)	720(28.3)	
Table size (LxW)	mm(in)	1550x1000(61x40)	2100x1000(72.7x40)
Max. table load	kg	1300	2000
Spindle speed	rpm	4000 / 6000 opt	
Rapid traverse X/Y/Z	m/min(ipm)	20/20/20(787.4/787.4/787.4)	
Tool storage capacity	pcs	24	
Spindle motor (30min)FANUC	kw(hp)	15(20)	
X/Y/Z axis motor	kw(hp)	4/4/4(5.4/5.4/5.4)	
Machine size(LXWXH)	mm	3937x4135x3343	5466x4140x3339
Machine weight	kg	13250	16520

# 5 AXES MACHINING CENTER

## iT SERIES

Vertical / 5 Axes



Item	Model	V-30iT	V-32iT
X axis travel	mm(in)	800(31.5)	1000(39.4)
Y axis travel	mm(in)	460(18.1)	510(20)
Z axis travel	mm(in)	387(15.2)	337(13)
Table size (LxW)	mm(in)	205(8.07)	220(8.6)
Max. table load	kg	35(0°~ 45°) 25(45°~ 90°)	100(0°~ 45°) 75(45°~ 90°)
Spindle speed	rpm	12000	10000
Rapid traverse X/Y/Z	m/min(ipm)	48/48/36 (1890/1890/1417)	48/48/36 (1890/1890/1417)
Tool storage capacity	pcs	24	
Spindle motor (30min) FANUC	kw(hp)	11(14.7)	15(20)
X/Y/Z axis motor	kw(hp)	4(5.4)	4(5.4)
Machine size(LXWXH)	mm	2440x2117x2480	3100X3432X3000(FRONT) 2800X3639X3000(REAR)
Machine weight	kg	3800	6500

Item	Model	V-20i T	V-40i T	V-60i T
X axis travel	mm(in)	510(20)	846(33)	1270(50)
Y axis travel	mm(in)	410(16)	635(25)	800(31.5)
Z axis travel	mm(in)	383(15)	488(19.2)	680(26.7)
Table size (LxW)	mm(in)	210(8.3)	350(13.8)	630(24.8)
Max. table load	kg	75(0°~ 45°) 50(45°~ 90°)	200(0°~ 45°) 100(45°~ 90°)	200(0°~ 45°) 150(45°~ 90°)
Spindle speed	rpm	10000		
Rapid traverse X/Y/Z	m/min(ipm)	36(1417)	36(1417)	30/30/20(1181/1181/787)
Tool storage capacity	pcs	24		
Spindle motor (30min)FANUC	kw(hp)	15(20)	18.5(24.8)	26(34.9)
X/Y/Z axis motor	kw(hp)	3/3/4(4/4/5.4)	4(5.4)	5.5/6/5.5(7.3/8/7.3)
Machine size(LXWXH)	mm	2700x2140x2620	3840X2200X2721	3820x4365x3420
Machine weight	kg	5200	7000	12500

# 5 AXES MACHINING CENTER

## BC SERIES

Vertical / 5 Axes



Item	Model	BC-600/BC-600T	BC-700/BC-700T	BC-800/BC-800T	BC-960/BC-960T
CONTROLLER		Oi-MF			
X axis travel	mm(in)	1100(43.3)	1300(51.2)	1520(59.8)	2040(80.3)
Y axis travel	mm(in)	610(24)	610(24)	760(29.9)	1000(40)
Z axis travel	mm(in)	650(25.6)/790(31.1)	610(24)/750(29.5)	720(28.3)/790(31.1)	820(32.2)/948(37.3)
Table size(LXW)	mm(in)	600(23.6)/1280X610(50.4X24)	600(23.6)/1480X610(58.3X25.6)	650(26)/1700X650(67X25.6)	800(31.5)/2100X1000(72.7X40)
Max. table load	Kg	400/1400	400/1600	400/1800	400/1600
Center bore diameter	mm(in)	Φ 50 (1.97)			
Max. rotation speed	rpm	120			
Min indexing unit	degree	0.001			
Table working surface configuration	mm(in)	18Tx100x5		18Tx125X5	18Tx100X9
Height from floor to table top	mm(in)	1125(44.3)		1200(47.2)	1233(48.5)
Spindle speed	rpm	15000/12000			
Spindle bearing inner diameter	mm(in)	70(2.76)			
Max. spindle torque	N.m(lbw.ft)	95(70)			
Tilting angle range	Degree	+110°~-110°			
C axis speed	rpm	120/800			
Rapid traverse X/Y/Z	m/min(ipm)	36/36/30(1417//1417/1182)		30(1182)	24/24/20(944.9/944.9/787)
Feed rate	m/min(ipm)	10(394)			
Jog feed rate	m/min(ipm)	1260(49.6)			
Tool storage capacity	pcs	30			
Max. tool diameter (with adjacent tools)	mm(in)	85(3.3)			
Max. tool diameter (without adjacent tools)	mm(in)	125(4.9)			
Max. tool mass	Kg(lb)	7(15.4)			
Max. tool length	mm(in)	300(11.8)			
Spindle motor(30min/cont)	kw	31.5/21			
X/Y/Z axis moter	kw(hp)	4/7/7(5.4/9.3/9.3)	7(9.3)		7/6/7(9.3/8/9.3)
Power requirements	KVA	65			
Machine size(LXWXH)	mm	4710x3830x3450	4710X4200X3450	4710X4200X3930	5466X4135X4085
Machine weight	kg	12000	13000	14000	18600

# 5 AXES MACHINING CENTER

## MU SERIES

Vertical / 5 Axes



Item	Model	MU-450	MU-650
CONTROLLER		Oi-MF	
X axis travel	mm(in)	400(15.7)	620(24.4)
Y axis travel	mm(in)	350(13.8)	520(20.5)
Z axis travel	mm(in)	350(13.8)	460(18.1)
Table size(LXW)	mm(in)	450(17.7)	650(25.6)
Max. table load	Kg	200(0°)/150(90°)	300(0°)/200(90°)
Table working surface configuration	mm(in)	14Tx45°x8	18Tx100X5
Height from floor to table top	mm(in)	735(28.9)	800(31.5)
Tilting angle range	Degree	+110°~-50°	+110°~-50°
Spindle speed	rpm	12000	12000
Spindle bearing inner diameter	mm(in)	60(2.36)	70(2.75)
Max. spindle torque	N.m(lbw.ft)	70(714)	70(714)
Rapid traverse X/Y/Z	m/min(ipm)	48(1890)	36(1417)
Feed rate	m/min(ipm)	10(394)	10(394)
Jog feed rate	m/min(ipm)	1260(49.6)	1260(49.6)
Tool storage capacity	pcs	30	30
Max. tool diameter (with adjacent tools)	mm(in)	80(3.15)	80(3.15)
Max. tool diameter (without adjacent tools)	mm(in)	150(4.3)	150(4.3)
Max. tool mass	Kg(lb)	7(15.4)	7(15.4)
Max. tool length	mm(in)	250(9.8)	250(9.8)
Spindle motor(30min/cont)	kw(hp)	11(14.7)	11(14.7)
X/Y/Z axis moter	kw(hp)	4(5.4)	4(5.4)
Power requirements	KVA	35	35
Machine size(LXWXH)	mm	2800X3790X2661	3080X4130X2820
Machine weight	kg	8000	10000

# HORIZONTAL/VERTICAL MACHINING CENTER

## LC/MH SERIES

Travel Column APC / High Production



Item	Model	LCH-500	LCV-760
X axis travel	mm(in)	700(27.5)	760(29.9)
Y axis travel	mm(in)	610(24)	
Z axis travel	mm(in)	610(24)	
Table size (LxW)	mm(in)	500x500(19.6x19.6)	850x600(33.4x23.6)
Max. table load	kg	500 turn	800 fix/500 turn
Spindle speed	rpm	10000	
Rapid traverse X/Y/Z	m/min(ipm)	32/28/32(1259/1102/1259)	32/32/28(1259/1259/1102)
Tool storage capacity	pcs	40	30
A.P.C number of pallets	pcs	2	
Spindle motor (30 min) FANUC	kw(hp)	18.5(24.8)	
X/Y/Z axis motor	kw(hp)	7/4/4(9/5.4/5.4)	
Machine size(LXWXH)	mm	3320x4800x2980	
Machine weight	kg	15000	10500

Item	Model	MH-500i	MH-630
X axis travel	mm(in)	800(31.5)	1020(40.2)
Y axis travel	mm(in)	710(28)	850(33.5)
Z axis travel	mm(in)	710(28)	950(37.4)
Table size (LxW)	mm(in)	500x500(19.6x19.6)	630x630(24.8x24.8)
Max. table load	kg	500x2	1200
Spindle speed	rpm	8000	8000
Rapid traverse X/Y/Z	m/min(ipm)	60(2361)	48/36/48(1889/1417/1889)
Tool storage capacity	pcs	40	40
A.P.C number of pallets	pcs	2	2
Spindle motor (30 min) FANUC	kw(hp)	22(30)	22(30)
X/Y/Z axis motor	kw(hp)	7/7/4(9.4/9.4/5.4)	6/6/7(8/8/9.4)
Machine size(LXWXH)	mm	4188x5427x3024	6382x4700x3500
Machine weight	kg	14500	22500

# TURNING CENTER

## T/LTC SERIES

Horizontal / High Efficiency



Item	Model	T-5i	T-5iM	T-6i/T-6iL	T-6iM/T-6iLM
Max. swing	mm(in)	480(18.9)			
Max. turning diameter	mm(in)	136(5.35)gang type 300(11.8)turret	300(11.81)	300(11.8)	
Max. turning length	mm(in)	150(6)	140(5.5)	330/530(12.9/20.9)	300/500(11.8/19.7)
Bar capacity	mm(in)	45(1.77)	45(1.77)	45(1.77)	
X axis travel	mm(in)	230(9)gang type 150+15(5.9+0.6) turret	150+15(5.9+0.6)	150+15(5.9+0.6)	
Z axis travel	mm(in)	230(9) gang type 186(7.32) turret	190(7.48)	330/530(12.9/20.9)	300/500(11.8/19.7)
Spindle speed	rpm	6000	6000	5000	
Chuck size	mm(in)	152(6)		203(8)	
Spindle nose		A2-5			
Number of tool stations	pcs	6 (gang type)/8 (turret)		12	
Shank height for square tool	mm(in)	16(0.63)	20(0.78)	20(0.78)	20(0.78) BMT-45
Shank diameter of boring bar	mm(in)	25(1)	25(1)	32(1.25)	25(1) BMT-45
X/Z axis rapid traverse	m/min(ipm)	30(1181)			
X/Z axis motor	kw(hp)	1.2(1.6)	1.2(1.6)	1.2(1.6)	
Machine size(LXWXH)	mm	1560x1555x1700 gang type 1560x1530x1700 turret	1560x1530x1700	(1815/2015)x1530x1700	(1815/2015)x1581x1752
Machine weight	kg	2700	3000	3500/3800	

Item	Model	LTC-200/LTC-200L	LTC-200M/LM	LTC-200MY/LMY
Max. swing	mm(in)	500(19.6)		
Max. turning diameter	mm(in)	300(11.8)		
Max. turning length	mm(in)	330/530(12.9/20.9)	300/500(11.8/19.7)	300/500(11.8/19.7)
Bar capacity	mm(in)	52(2)		
X axis travel	mm(in)	150+15(5.9+0.6)	150+15(6+0.6)	170+20(6.7+0.8) boring bar 150+40(6+1.6) outer
Y axis travel	mm(in)	±50(±1.96)		
Z axis travel	mm(in)	330/530(12.9/20.9)	300/500(11.8/19.7)	330/530(12.9/20.8)
Spindle speed	rpm	4500		
Chuck size	mm(in)	203(8)		
Spindle nose		A2-6		
Number of tool stations	pcs	12	12	
Shank height for square tool	mm(in)	20(0.78)	20(0.78) BMT-45	
Shank diameter for boring bar	mm(in)	32(1.26)	25(1) BMT-45	
X/Z/Y axis rapid traverse	m/min(ipm)	20/20/- (788/788/-)		20(787.4)
X/Z/Y axis motor	kw(hp)	1.2/1.2/- (1.6/1.6/-)	1.6/1.6/- (2.1/2.1/-)	2.7(3.6)
Machine size (LXWXH)	mm	(1815/2015)x1530x1700	(1815/2015)x1581x1752	(1815/2015)x1530x2000
Machine weight	Kg	3600/3900	3600/3900	3900/4200

# TURNING CENTER

## T/LTC SERIES

Horizontal / High Performance



Item	Model	T-7A	T-7AM
Max. swing	mm(in)	500(19.7)	540(21.2)
Max. turning diameter	mm(in)	380(15)	320(12.6)
Max. turning length	mm(in)	440(17.3)	400(15.7)
Bar capacity	mm(in)	65(2.6)	
X axis travel	mm(in)	190+20(7.5+0.8)	160+20(6.3+0.8)
Z axis travel	mm(in)	450(17.7)	
Spindle speed	rpm	4000	
Chuck size	mm(in)	203(8)	
Spindle nose		A2-6	
Number of tool stations	pcs	12	
Shank height for square tool	mm(in)	25(1)	25(1) BMT55
Shank diameter of boring bar	mm(in)	40(1.5)	40(1.5) BMT55
X/Z axis rapid traverse	m/min(ipm)	30(1181)	
X/Z axis motor	kw(hp)	3(4)	
Machine size(LXWXH)	mm	2745x1680x1780	
Machine weight	kg	4000	4000

Item	Model	LTC-20D	LTC-20DM	LTC-20DMY	LTC-20DSMY
Max. swing	mm(in)	500(19.7)	540(21.2)	570(22.4)	570(22.4)
Max. turning diameter	mm(in)	380(15)	320(12.6)	320(12.5)	320(12.5)
Max. turning length	mm(in)	500(19.7)	430(16.9)	458(18)	487(19.1)
Bar capacity	mm(in)	65(2.5)	65(2.5)	65(2.5)	65(2.5)
X axis travel	mm(in)	190+20(7.5+0.8)	160+20(6.3+0.8)	160+35(6.2+1.37)	160+5(6.2+0.2)
Z axis travel	mm(in)	540(21)	540(21)	510(20)	580(22.8)
Y axis travel	mm(in)	-	-	±50(±1.96)	±50(±1.96)
Z2 axis travel	mm(in)	-	-	-	560(22)
Spindle speed	rpm	4000	4000	4000	4000
Chuck size	mm(in)	203(8)	203(8)	203(8)	203(8)
Spindle nose		A2-6	A2-6	A2-6	A2-6
Number of tool stations	pcs	12	12	12	12
Shank height for square tool	mm(in)	25(1)	25(1) BMT55	25(1) BMT55	25(1) BMT55
Shank diameter for boring bar	mm(in)	40(1.5)	40(1.5) BMT55	40(1.5) BMT55	40(1.5) BMT55
X / Z axis rapid traverse	m/min(ipm)	20(787.4)		30(1181)	30(1181)
X / Z axis motor	kw(hp)	3(4)	3(4)	3(4)	3(4)
Machine size (LXWXH)	mm(in)	2745x1680x1780		2680x1625x2170	3000x1625x2170
Machine weight	kg	4000	4000	4600	4850

# TURNING CENTER

## T/LTC SERIES

Horizontal / Multi-function



Item	Model	T-7i	T-7iM	T-7iS	T-7iSM
Max. swing	mm(in)	520(20.5)			
Max. turning diameter	mm(in)	420(16.5)	350(13.7)	340(13.3)	350(13.7)
Max. turning length	mm(in)	520(20.5)	500(19.7)	480(18.9)	
Bar capacity	mm(in)	Ø66(2.6)			
X axis travel	mm(in)	210+10(8.3+0.4)	175+10(6.8+0.4)	180+5(7.08+0.2)	175+10(6.8+0.4)
Z axis travel	mm(in)	600(23.62)	500(19.7)	480(18.9)	
Z2 axis travel	mm(in)	-		460(18.1)	
Spindle speed	rpm	4500			
Chuck size	mm(in)	203(8)			
Spindle nose		A2-6			
Number of tool stations	pcs	12			
Shank height for square tool	mm(in)	25(1)	20(0.78) VDI 30 25(1) BMT55	25(1)	20(0.78) VDI 30 25(1) BMT55
Shank diameter of boring bar	mm(in)	40(1.5)	32(1.3) VDI30 40(1.5) BMT55 OPT	32(1.3)	32(1.3) VDI30 40(1.5) BMT55 OPT
X/Z/Z2 axis rapid traverse	m/min(ipm)	36/36/-(1417/1417/-)		36/36/20(1417/1417/787.4)	
X/Z/Z2 axis motor	kw(hp)	3/3/-(4/4/-)		3/3/1.6(4/4/2.1)	
Machine size(LXWXH)	mm	3023x1908x1862		3113x1908x1850	
Machine weight	kg	4500		4900	

Item	Model	LTC-20i	LTC-20iM
		STD	VDI30
Max. swing	mm(in)	570(22.4)	565(22.2)
Max. turning diameter	mm(in)	400(15.7)	370(14.6)
Max. turning length	mm(in)	600(23.6)	550(21.6)
Bar capacity	mm(in)	77(3)	
X axis travel	mm(in)	200+5(7.8+0.2)	185+8(7.3+0.3)
Z axis travel	mm(in)	600(23.6)	560(22)
Spindle speed	rpm	3500	
Chuck size	mm(in)	254(10)	
Spindle nose		A2-8	
Number of tool stations	pcs	12	
Shank height for square tool	mm(in)	25(1)	20(0.78)
Shank diameter for boring bar	mm(in)	40(1.6)	32(1.3)
X / Z axis rapid traverse	m/min(ipm)	20 (787.4)	
X / Z axis motor	kw(hp)	3/4(4/5.4)	
Machine size (LXWXH)	mm	3023x1908x1862	
Machine weight	kg	4700	



# TURNING CENTER

## T SERIES

Horizontal / Multi-function



Item	Model	T-8		T-8M		T-8S	T-8SM
		VDI40		BMT65		VDI40	
Max. swing	mm(in)	670(26.3)		637(25)		600(23.6)	
Max. turning diameter	mm(in)	450(17.7)		285(11.2)	430(16.9)	450(17.7)	
Max. turning length	mm(in)	760(29.9)		745(29.3)		620(24.4)	
Bar capacity	mm(in)	77(3)					
X axis travel	mm(in)	225+25(8.8+1)		225+15(8.8+0.6)		215+15(8.4+0.6)	
Z1 axis travel	mm(in)	790(31.1)		670(26.37)		680(26.77)	
Z2 axis travel	mm(in)	—		—		740(29.13)	
Spindle speed	rpm	3500					
Chuck size	mm(in)	254(10)					
Spindle nose		A2-8					
Sub spindle speed	rpm	—		—		4500	
Sub chuck size	mm(in)	—		—		165(6)	
Sub spindle nose		—		—		A2-5	
Number of tool stations	pcs	12					
Shank height for square tool	mm(in)	25(1)		25(1)		25(1)	25(1)
Shank diameter of boring bar	mm(in)	Ø40(1.5)		40(1.5)		40(1.5)	40(1.5)
X/Z1/Z2 axis rapid traverse	m/min(ipm)	20/24/-(787.4/945/-)		20/24/15(787.4/945/590.6)		20/24/15(787.4/945/590.6)	
X/Z1/Z2 axis motor	kw(hp)	3/4/-(4/5.4/-)		3(4)		3(4)	
Machine size(LXWXH)	mm	3905x1930x1980		3905x1930x1980		3932x2125x2120	
Machine weight	kg	6000		6200		6200	

Item	Model	T-8XL		T-8XLM	
		VDI40		BMT65	
Max. swing	mm(in)	670(26.3)		637(25)	
Max. turning diameter	mm(in)	450(17.7)		285(11.2)	430(16.9)
Max. turning length	mm(in)	1020(40.1)		1005(39.5)	
Bar capacity	mm(in)	77(3)			
X axis travel	mm(in)	225+25(8.8+1)		225+15(8.8+0.6)	
Z axis travel	mm(in)	1050(41.3)			
Spindle speed	rpm	3500			
Chuck size	mm(in)	254(10)			
Spindle nose		A2-8			
Number of tool stations	pcs	12			
Shank height for square tool	mm(in)	25(1)			
Shank diameter of boring bar	mm(in)	40(1.5)			
X/Z axis rapid traverse	m/min(ipm)	20/24(787.4/945)			
X/Z axis motor	kw(hp)	3/4(4/5.4)			
Machine size(LXWXH)	mm	4155x1930x1980			
Machine weight	kg	6500		6700	

# TURNING CENTER

## LTC SERIES

Horizontal / Heavy Duty



Item	Model	LTC-25i	LTC-25iL	LTC-25iXXL	LTC-25iLV
		Max. swing	mm(in)	670(26.3)	
Max. turning diameter	mm(in)	450(17.7)			
Max. turning length	mm(in)	760(29.9)	1020(40.1)	1520(59.8)	2020(79.5)
Bar capacity	mm(in)	77(3)			
X axis travel	mm(in)	225+25(8.8+1)	225+25(8.8+1)	225+25(8.8+1)	225+25(8.8+1)
Z axis travel	mm(in)	790(31.1)	1050(41.3)	1550(61)	2050(80.7)
Spindle speed	rpm	3500			
Chuck size	mm(in)	254(10)			
Spindle nose		A2-8			
Number of tool stations	pcs	12			
Shank height for square tool	mm(in)	25(1)			
Shank diameter for boring bar	mm(in)	40(1.6)			
X / Z axis rapid traverse	m/min(ipm)	15/20(590.5/787.4)			
X / Z axis motor	kw(hp)	3/4(4/5.4)			
Machine size(LXWXH)	mm	3905x1930x1980	4155x1930x1980	4625x1930x2140	5355x1930x2140
Machine weight	kg	6200	6700	8100	9100

Item	Model	LTC-25iM	LTC-25iLM	LTC-25iXXLM	LTC-25iLVM
		Max. swing	mm(in)	637(25)	
Max. turning diameter	mm(in)	285(11.2) VDI40 430(16.9) BMT65	285(11.2) VDI40 430(16.9) BMT65	285(11.2) VDI40 430(16.9) BMT65	285(11.2) VDI40 430(16.9) BMT65
Max. turning length	mm(in)	745(29.3)	1005(39.5)	1520(59.8)	2020(79.5)
Bar capacity	mm(in)	77(3)			
X axis travel	mm(in)	225+15(8.8+0.5) VDI40 215+15(8.4+0.5) BMT65	225+15(8.8+0.5) VDI40 215+15(8.4+0.5) BMT65	225+15(8.8+0.5) VDI40 215+15(8.4+0.5) BMT65	225+15(8.8+0.5) VDI40 215+15(8.4+0.5) BMT65
Z axis travel	mm(in)	790(31.1)	1050(41.3)	1550(61)	2050(80.7)
Spindle speed	rpm	3500			
Chuck size	mm(in)	254(10)			
Spindle nose		A2-8			
Number of tool stations	pcs	12			
Shank height for square tool	mm(in)	25(1)			
Shank diameter for boring bar	mm(in)	40(1.5)			
X / Z axis rapid traverse	m/min(ipm)	15/20(590.5/787.4)			
X / Z axis motor	kw(hp)	3/4(4/5.4)			
Machine size(LXWXH)	mm	3905x1930x1980	4155x1930x1980	4625x1930x2140	5355x1930x2140
Machine weight	kg	6200	6700	8100	9100

# TURNING CENTER LTC SERIES

Horizontal / Heavy Duty



Item	Model	LTC-30iL/iXL	LTC-30iM/iLM/iXLM
Max. swing	mm(in)	750(29.5)	750(29.5)
Max. turning diameter	mm(in)	550(21.6)	370(14.5)
Max. turning length	mm(in)	1000/1500/2000(39.3/59/78.7)	980/1480/1980(38.5/58.2/77.9)
Bar capacity	mm(in)	103(4)	103(4)
X axis travel	mm(in)	275+20(10.8+0.78)	275+15(10.8+0.59)
Z axis travel	mm(in)	1050/1550/2050(41.3/61/80.7)	1050/1550/2050(41.3/61/80.7)
Spindle speed	rpm	35-2500	35-2500
Chuck size	mm(in)	315(12)	315(12)
Spindle nose		A2-11	A2-11
Number of tool stations	pcs	10	12
Shank height for square tool	mm(in)	32(1.2)	32(1.2)
Shank diameter of boring bar	mm(in)	50(1.9)	50(1.9)
X axis rapid traverse	m/min(ipm)	15 (590.5)	15 (590.5)
Z axis rapid traverse	m/min(ipm)	20 (787.4)	20 (787.4)
X/Z axis motor	kw(hp)	3/4(4/5.4)	3/4(4/5.4)
Machine size(LXWXH)	mm	(4190/4690/5190)X1980X2165	(4190/4690/5190)X1980X2165
Machine weight	kg	6700/7700/8700	6700/7700/8700

Item	Model	LTC-35C	LTC-35CL	LTC-35CXL	LTC-35CXXL	LTC-35CLV
Max. swing	mm(in)	800(31.5)				
Max. turning diameter	mm(in)	600(23.6)				
Max. turning length	mm(in)	1030(40.6)	1530(60.2)	2030(79.9)	3006(118.3)	4006(157.7)
Bar capacity	mm(in)	115(4.5)				
X axis travel	mm(in)	300+20(11.8+0.78)				
Z axis travel	mm(in)	1100(43)	1600(63)	2100(82.7)	3100(122)	4100(161.4)
Spindle speed	rpm	2000				
Chuck size	mm(in)	381(15)				
Spindle nose		A2-11				
Number of tool stations	PCS	12				
Shank height for square tool	mm(in)	32(1.25)				
Shank diameter of boring bar	mm(in)	50(1.9)/63(2.5) opt				
X axis rapid traverse	m/min(ipm)	15(591)				
Z axis rapid traverse	m/min(ipm)	20(787.4)		12(472.4)	10(393.7)	
X/Z axis motor	kw(hp)	4/7(5/9)				
Machine size(LXWXH)	mm	4380x2120x2310	4880x2120x2310	5380x2120x2310	6500x2120x2310	7880x2120x2310
Machine weight	kg	10000	11000	12000	17000	19500

# TURNING CENTER LTC SERIES

Horizontal / Heavy Duty



Item	Model	LTC-35M/LM/XLM/XXLM/LVM
Max. swing	mm(in)	800(31.5)
Max. turning diameter	mm(in)	494(19.4)/520(20.5) BMT75
Max. turning length	mm(in)	1030/1530/2030/3006/4006(40.6/60.2/79.9/118.3/157.7)
Bar capacity	mm(in)	115(4.5)
X axis travel	mm(in)	344+10(13.5+0.39)/290+20(11.4+0.8)BMT75
Z axis travel	mm(in)	1100/1600/2100/3100/4100(43/63/83/122/161)
Spindle speed	rpm	10~2000
Chuck size	mm(in)	381(15)
Spindle nose		A2-11
Number of tool stations	pcs	12
Shank height for square tool	mm(in)	32(1.25) VDI 60 / 25(1) BMT 75 OPT
Shank diameter of boring bar	mm(in)	50(2) VDI 60 / BMT 75 OPT
X axis rapid traverse	m/min(ipm)	15(591)
Z axis rapid traverse	m/min(ipm)	20/20/20/12/10(787.4/787.4/787.4/472.4/393.7)
X/Z axis motor	kw(hp)	4/7(5.4/9.3)
Machine size(LXWXH)	mm	(4380/4880/5380/6500/7880)X2120X2310
Machine weight	kg	11000/12000/13000/18000/20500

Item	Model	LTC-35Y/LY/XLY/XXLY/LVY
Max. swing	mm(in)	800(31.5)
Max. turning diameter	mm(in)	430(16.9)
Max. turning length	mm(in)	1030/1530/2030/3006/4006(40.6/60.2/79.9/118.3/157.7)
Bar capacity	mm(in)	115(4.5)
X axis travel	mm(in)	215+25(8.5+1)
Z axis travel	mm(in)	1100/1600/2100/3100/4100(43/63/83/122/161)
Y axis travel	mm(in)	+100(3.8)/-80(-3.15)
Spindle speed	rpm	10~2000
Chuck size	mm(in)	381(15)
Spindle nose		A2-11
Number of tool stations	pcs	12
Shank height for square tool	mm(in)	25(1) BMT 75
Shank diameter of boring bar	mm(in)	50(2) BMT 75 / 63(2.5) BMT 75 OPT
X axis rapid traverse	m/min(ipm)	15(591)
Z axis rapid traverse	m/min(ipm)	20/20/20/12/10(787.4/787.4/787.4/472.4/393.7)
Y axis rapid traverse	m/min(ipm)	7.5(295.3)
X/Z/Y axis motor	kw(hp)	4/7/4(5.4/9.3/5.4)
Machine size(LXWXH)	mm	(4380/4880/5380/6500/7880)X2130X2365
Machine weight	kg	12700/13300/14000/20800/23300

# TURNING CENTER LTC SERIES

Horizontal / Heavy Duty



Item	Model	LTC-50i	LTC-50iL	LTC-50iXL	LTC-50iXXL
Max. swing	mm(in)	850(33.5)			
Max. turning diameter	mm(in)	800(31.5)			
Max. turning length	mm(in)	1070(42.1)	2070(81.5)	3070(120.9)	4070(160.2)
Bar capacity	mm(in)	117(4.6)			
X axis travel	mm(in)	400+25(15.7+1)			
Z axis travel	mm(in)	1100(43.3)	2100(82.7)	3100(122.7)	4100(161.4)
Spindle speed	rpm	15-1500			
Chuck size	mm(in)	450(18)			
Spindle nose		A2-11			
Number of tool stations	pcs	12			
Shank height for square tool	mm(in)	32(1.26)			
Shank diameter of boring bar	mm(in)	50(1.9)			
X axis rapid traverse	m/min(ipm)	15(591)			
Z axis rapid traverse	m/min(ipm)	20/20/12(788/788/472)			10(394)
X/Z axis motor	kw(hp)	4/7(5.4/9.4)			
Machine size(LXWXH)	mm	(4380/5380/6500/7880)X2120X2365			
Machine weight	kg	13000	15000	18000	20000

Item	Model	LTC-50iM/iLM/iXLM/iXXLM	LTC-50iY/iLY/iXLY/iXXLY
Max. swing	mm(in)	850(33.5)	
Max. turning diameter	mm(in)	800(31.5)	480(18.89) BMT 75
Max. turning length	mm(in)	1006/2006/3006/4006(39.6/78.9/118.3/157.7)	
Bar capacity	mm(in)	117(4.61)	
X axis travel	mm(in)	430+25(16.9+1)	240+20(9.45+0.79) BMT 75
Z axis travel	mm(in)	1100/2100/3100/4100(43.3/82.7/122.1/161.4)	
Y axis travel	mm(in)	—	±100(±3.93)
Spindle speed	rpm	15-1500	
Chuck size	mm(in)	450(18)	
Spindle nose		A2-11	
Number of tool stations	pcs	12	
Shank height for square tool	mm(in)	25(1) BMT75	25(1)BMT75
Shank diameter of boring bar	mm(in)	50(1.9)BMT75	50(1.9) BMT75
X axis rapid traverse	m/min(ipm)	15(591)	
Z axis rapid traverse	m/min(ipm)	20/20/20/12(787.4/787.4/787.4/472)	
Y axis rapid traverse	m/min(ipm)	—	7.5(295.28)
X/Z/Y axis motor	kw(hp)	4/7/-(5.4/9.4/-)	4/7/4(5.4/9.4/5.4)
Machine size(LXWXH)	mm	(4380/5380/6500/7880)X2120X2365	
Machine weight	kg	13000/15000/20000/22500	

# TURNING CENTER LTC SERIES

Horizontal / Heavy Duty



Item	Model	LTC-60CXL/CXXL	LTC-60XLM/XXLM	LTC-60XLY/XXLY	LTC-65C/CL/CXL/CXXL	LTC-65CLV/CXLV
Max. swing	mm(in)	1020(40.1)			1200(47.24)	
Max. turning diameter	mm(in)	810(31.89)	675(26.57) VDI 60 800(31.5) BMT 75	640(25.19)	1000(39.37)	
Max. turning length	mm(in)	5000/6000(196.8/236.2)			1000/2000/3000/4000 (39.37/78.74/118.11/157.48)	5000/6000 (196.85/236.22)
Bar capacity	mm(in)	117(4.6)				
X axis travel	mm(in)	400+28(15.7+1.1)	437+18 (17.2+0.71) VDI 60 430+25 (16.9+0.98) BMT 75	320+10(12.59+0.39)	500+30(19.68+1.18)	
Z axis travel	mm(in)	5000/6000 (196.8/236.2)			1000/2000/3000/4000 (39.37/78.74/118.11/157.48)	5000/6000 (196.85/236.22)
Y axis travel	mm(in)	—		±100(±3.9)	—	
Spindle speed	rpm	1500			15-1500	
Chuck size	mm(in)	527(21)			450(18)	
Spindle nose		A2-15			A2-11	
Spindle motor power	kw(HP)	37(49.6)				
Number of tool stations	pcs	12				
Shank height for square tool	mm(in)	32(1.26) VDI 60	32(1.26) VDI 60/BMT 75	25(1) BMT 75	32(1.26) BMT 85	
Shank diameter of boring bar	mm(in)	60(2.3)	50(1.9) VDI 60/BMT 75	50(1.9) BMT 75	60(2.36) BMT 85	
X axis rapid traverse	m/min(ipm)	10(393.7)				
Z axis rapid traverse	m/min(ipm)	12(472.4)			12(472)	
Y axis rapid traverse	m/min(ipm)	—		7.5(295.2)	—	
X/Z axis motor	kw(hp)	4/7(5.4/9.4)				
Machine size(LXWXH)	mm	(9090/10205)X2700X2426			(6710/7700/8690/9680/10640/11630)X3330X3063	
Machine weight	kg	27000/32000			20500/23000/25500/28000	30500/33000

# VERTICAL TURNING CENTER

## VTL SERIES

Vertical / Heavy Duty High Production



Item	Model	VTL-450	VTL-600	VTL-600M
Max. swing	mm(in)	650(25.5)	700(27.5)	710(28)
Max. turning diameter	mm(in)	460(18.1)	600(23.6)	
Max. turning length	mm(in)	500(19.6)	500(19.6)	
Max. workpiece weight	kg	600	1000	
X axis travel	mm(in)	230+20(9+0.7)	300+5(11.8+0.2)	
Z axis travel	mm(in)	500(19.6)	500(19.6)	
Spindle speed	rpm	2500	2000	
Chuck size	mm(in)	305(12)	381(15)	
Spindle nose		A2-8	A2-11	
Number of tool stations	pcs	12	8	12
Shank height for square tool	mm(in)	25(1)	32(1.2)	25(1) BMT65
Shank diameter of boring bar	mm(in)	40(1.5)	50(2)	40(1.5) BMT 65
X axis rapid traverse	m/min(ipm)	20(787.4)		
Z axis rapid traverse	m/min(ipm)	24(945)		
X/Z axis motor	kw(hp)	3/4(4/5.4)		
Machine size(LXWXH)	mm	2925x1870x3205		2923x1965x3115
Machine weight	kg	7000	7000	8000

Item	Model	VTL-800	VTL-800M
Max. swing	mm(in)	900(35.4)	
Max. turning diameter	mm(in)	800(31.5)	
Max. turning length	mm(in)	760(30)	
Max. workpiece weight	kg	1300	
X axis travel	mm(in)	400+25(15.7+1)	410+20(16.1+0.78)
Z axis travel	mm(in)	760(30)	
Spindle speed	rpm	2000	
Chuck size	mm(in)	457(18)	
Spindle nose		A2-11	
Number of tool stations	pcs	12	
Shank height for square tool	mm(in)	32(1.2)	25(1) BMT 75
Shank diameter of boring bar	mm(in)	50(2)	50(2) BMT 75
X axis rapid traverse	m/min(ipm)	20(787.4)	
Z axis rapid traverse	m/min(ipm)	20(787.4)	
X/Z axis motor	kw(hp)	4/7(5.4/9.4)	
Machine size(LXWXH)	mm	3435x2430x3804	3456x2430x3804
Machine weight	kg	13500	13700

# MULTI-TASKING MACHINE

## T-6SMY/MY

Multi-Tasking Turning Center



Item	Model	T-6SMY/T-6MY
Max. swing	mm(in)	630(24.8)
Max. turning diameter	mm(in)	410(16.14)
Max. turning length	mm(in)	462(18.19)/508(20)
Bar capacity	mm(in)	52(2)
X axis travel	mm(in)	205+10(8.07+0.4)
Y axis travel	mm(in)	±50(±1.96)
Z axis travel	mm(in)	450(17.7)
Z2 axis travel	mm(in)	500(19.68)/—
Spindle speed	rpm	6000
Chuck size	mm(in)	152(6)
Spindle nose		A2-5
Sub spindle speed	rpm	4500/—
Sub chuck size	mm(in)	152(6)/—
Sub spindle nose		A2-5/—
Sub spindle motor power	kw(hp)	7.5(10)/—
Sub spindle feed motor	kw(hp)	1.6(2.1)/—
Number of tool stations (live tools)	pcs	12
Shank height for square tool	mm(in)	20(0.78) BMT55
Shank diameter of boring bar	mm(in)	32(1.25) BMT55
X/Y/Z axis rapid traverse	m/min(ipm)	15/7.5/30 (590/295/1181)
X/Y/Z axis motor	kw(hp)	1.6(2.1)
Machine size(LXWXH)	mm	3014x2060x2000
Machine weight	kg	5600

# MULTI-TASKING MACHINE

## TM SERIES

Multi-tasking Machine



Item	Model	TM-1000/TM-1000S	TM-1700/TM-1700S	TM-2000/TM-2000S
		FANUC/SIEMENS	FANUC/SIEMENS	SIEMENS
Max. swing	mm(in)	750(29.5)	750(29.5)	750(29.5)
Max. turning diameter	mm(in)	730 (28.7)	730 (28.7)	730 (28.7)
Max. turning length	mm(in)	1050(41.33)	1700(66.9)	2000(78.7)
Bar capacity / sub bar capacity	mm(in)	78(3)	78(3)	78(3)
X axis travel	mm(in)	600+50(23.6+1.96)	600+50(23.6+1.96)	600+50(23.6+1.96)
Z axis travel	mm(in)	1100(43.3)	1750(68.89)	2050(80.7)
Y axis travel	mm(in)	±130(5.11)	±130(5.11)	±130(5.11)
B axis angular stroke	Deg	240° (-30°~+210°)	240° (-30°~+210°)	240° (-30°~+210°)
Main/Sub Spindle speed(chuck)	rpm	3500	3500	3500
Main/Sub Chuck size(chuck)	mm(in)	254 (10)	254(10)	254(10)
Main/Sub spindle nose(chuck)		A2-8	A2-8	A2-8
Main/Sub Spindle motor power(chuck)	kw(hp)	26(34.8)	26(34.8)	26.4(35.4)
Spindle speed(electro)	rpm	12,000	12,000	12,000
Spindle nose(electro)		Capto C6	Capto C6	Capto C6
Spindle motor power(electro)	kw(hp)	25.5(34.1)	25.5(34.1)	25.5(34.1)
Max. spindle torque(electro)	Nm	62.6	62.6	62.6
B axis Angular stroke	Deg	240° (-30°~+210°)	240° (-30°~+210°)	240° (-30°~+210°)
B axis Brake clamping angular	Deg	5°	5°	5°
B axis Max. torque motor torque (continuous)	Nm	3000	3000	3000
Tool shank		Capto C6	Capto C6	Capto C6
Tool storage capacity	pcs	40	40	40
X axis rapid traverse	m/min(ipm)	30(1181)	30(1181)	30(1181)
Z axis rapid traverse	m/min(ipm)	30(1181)	30(1181)	30(1181)
Y axis rapid traverse	m/min(ipm)	24(944)	24(944)	24(944)
Machine size(LXWXH)	mm	6084X3321X2726	6900X3321X2726	7500X3321X2726
Machine weight	kg	15000	18500	19000

# MULTI-TASKING MACHINE

## T2/SMY

10 Axes Multi-Tasking Multi-Turret CNC Lathe



Item	Model	T-7T2SMY
Max. swing	mm(in)	790(31.1)
Max. turning diameter	mm(in)	470(18.5)
Max. turning length	mm(in)	770(30.31)
Bar capacity	mm(in)	52(2.04)
Max. load weight (with tailstock)	kg	24
Max. load weight(without tailstock)	kg	24
X1 axis travel	mm(in)	235+15(9.25+0.59)
X2 axis travel	mm(in)	220+10(8.66+0.39)
Z1 axis travel	mm(in)	770(30.31)
Z2 axis travel	mm(in)	790(31.1)
B axis travel	mm(in)	770(30.31)
Y axis travel	mm(in)	±50(±1.96)
Spindle speed	rpm	4000
Chuck size	mm(in)	210(8)
Spindle nose		A2-6
Sub spindle speed	rpm	4000
Sub chuck size	mm(in)	210(8)
Sub spindle nose		A2-6
Sub spindle bar capacity	mm(in)	52(2.04)
Spindle / Sub spindle motor power	kw(hp)	25(33.5)
Number of tool stations		16
Shank height for square tool	mm(in)	Ø20 (0.8)
Shank diameter for boring bar	mm(in)	Ø32 (1.3)
X/Z/Y axis rapid traverse		30/38/10 (98.4/124.67/32.8)
X1/X2/Z1&2/Y axis motor power	kw(hp)	3/3/4.5/3(4/4/6/4)
Machine size(LXWXH)	mm	5000x2682x2320
Machine weight	kg	12000

# MULTI-TASKING MACHINE

## LTC-25i(MY/S/SM/SMY)

Multi-Tasking Turning Center



Item	Model	LTC-25iMY	LTC-25iS	LTC-25iSM	LTC-25iSMY
Max. swing	mm(in)	590(23.2)			
Max. turning diameter	mm(in)	430(16.9)			
Max. turning length	mm(in)	1000(37.4)	770(30.3)		
Bar capacity	mm(in)	78(3.07)			
X axis travel	mm(in)	215+10(8.5+0.4)			
Y axis travel	mm(in)	±50(±1.96)	---	---	±50(±1.96)
Z1 axis travel	mm(in)	1030(40.5)	800(31.5)	800(31.5)	800(31.5)
Z2 axis travel	mm(in)	---	780(30.7)	780(30.7)	780(30.7)
Spindle speed	rpm	3500			
Chuck size	mm(in)	254(10)			
Spindle nose		A2-8			
Spindle motor power	kw(hp)	18.5(24.8)			
Sub spindle speed	rpm	---	4000	4000	4000
Sub chuck size	mm(in)	---	210(8)	210(8)	210(8)
Sub spindle nose		---	A2-6	A2-6	A2-6
Sub spindle motor power	kw(hp)	---	15(20)	15(20)	15(20)
Number of tool station(live tools)	pcs	12(BMT-65/DIN1809)			
Shank height for square tool	mm(in)	25(1) BMT65			
Shank diameter of boring bar	mm(in)	40(1.57) BMT65			
X/Y/Z1/Z2 axis rapid traverse	m/min(ipm)	15/7.5/20/---(590/295/787/---)	15/---/20/20(590/---/787/787)		15/7.5/20/20(590/295/787/787)
X/Y/Z1/Z2 axis motor	kw(hp)	4/1.6/7/---(5.4/2.1/9.4/---)	4/---/7/4(5.4/---/9.3/5.4)		4/1.6/7/4(5.4/2.1/9.3/5.4)
Machine size(LXWXH)	mm	5080X2085X2365			
Machine weight	Kg	8900			

# TWIN SPINDLE TURNING CENTER

## TW SERIES

Dual Spindle & Turret Turning Center



Item	Model	TW-8/TW-8M	TW-10/TW-10M
Max. swing	mm(in)	290(11.42)	290(11.42)
Max. turning diameter	mm(in)	290(11.42)	290(11.42)
Max. turning length	mm(in)	160(6.3)	220(8.66)
X axis travel	mm(in)	145+10(8.86+0.59)	195+5(7.68+0.19)
Z axis travel	mm(in)	165(31.1)	300(11.8)
Spindle speed	rpm	4500	3500
Chuck size	mm(in)	210(8")	254(10")
Spindle nose		A2-6	A2-6
Through spindle hole diameter	mm(in)	61(2.4)	76(2.9)
Spindle motor type	FANUC	α8	α12
Spindle motor power	kw(hp)	11(14.7)	15(20)
Number of tool stations	pcs	8/12	12
Shank height for square tools	mm(in)	25(1) BMT 55	25(1)BMT 55
Shank diameter for boring bar	mm(in)	40(1.5) BMT 55	40(1.5) BMT 55
Turret indexing time (adjacent tool)	sec	1.1/0.8	1.2/1.13
Turret indexing time (180 deg)	sec	1.6/1.0	1.9/1.8
X axis rapid traverse	m/min(ipm)	24(945)	30(1181)
Z axis rapid traverse	m/min(ipm)	24(945)	30(1181)
Positioning X/Z VDI3441	mm	0.01/1000	0.01/1000
Repeatability X/Z VDI3441	mm	0.007/1000	0.007/1000
X axis motor	Kw(hp)	1.6(2.1)	1.6/0.93(2.1/1.2)
Z axis motor	Kw(hp)	1.6(2.1)	3/1.6(4/2.1)
Power requirements	KVA	40	40
Machine size (LXWXH)	mm	2220X2200X2400	2180X2630X2310
Machine weight	kg	6200	6000