

HIGH SPEED PRECISION LATHE
HEAVY DUTY PRECISION LATHE

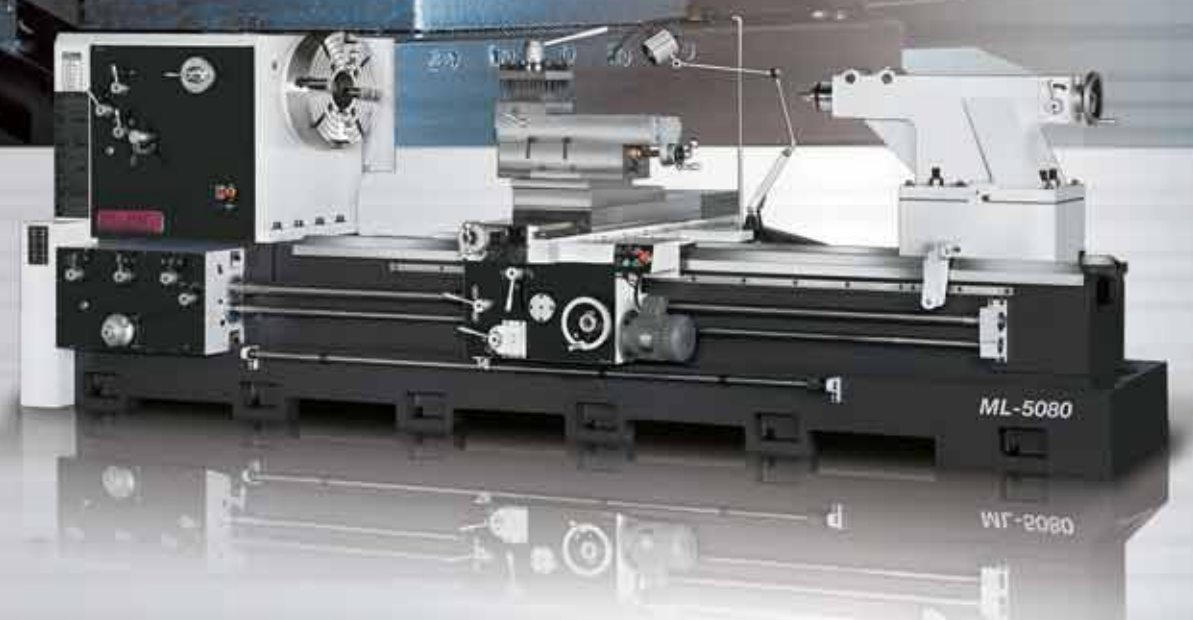
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20150222

1.5M TO 12M BETWEEN CENTERS



RIGOROUS QUALITY INSPECTION

Every **MAXIMART** lathe is attentively designed and built to meet the highest quality standard, and rigorously inspected during manufacturing and prior to shipping. Through these quality assurance, **MAXIMART** lathe will exhibit outstanding accuracy, performance as well as maximum dependability for many longer years.



MAXIMART PURSUES QUALITY EXCELLENCE

MAXIMART Lathe have been fully satisfactory to all customers around the world. Such reputation results from our dedication to pursue the quality excellence.



Each machine is subject to comprehensive accuracy inspection prior to shipping.

PROMPT PARTS DELIVERY

When a machine leaves our factory, it is not the end of our business transaction. **MAXIMART** concerns about your machine operating condition all the times. We always keep sufficient parts in stock for prompt delivery when customer needs the replacement parts. This will reduce machine downtime to a minimum.

High Speed Precision Lathe



conventional type



*inverter drive type(*i*)*



ML-1840 / 1860 / 1880

Height of Center : 230 mm

Distance Between Centers: 1000 / 1500 / 2000 mm

Spindle Bore	18 step	<i>inverter variable</i>
Ø56 mm	39~2800 RPM	33~3100 rpm

ML-2140 / 2160 / 2180 / 21120

Height of Center : 270 mm

Distance Between Centers: 1000 / 1500 / 2000 / 3000 mm

Spindle Bore	18 step	<i>inverter variable</i>
Ø85 mm	25~1545 rpm	27~2250 rpm
Ø105 mm (opt.)	23~1293 rpm	20~1500 rpm



CE conformity(opt.):

Electrics comply with CE-regulations / Chuck guard / Chip and coolant shield / Leadscrew guard / Full length splash guard

ML-2540 / 2560 / 2580 / 25120

Height of Center : 315 mm

Distance Between Centers: 1000 / 1500 / 2000 / 3000 mm

Spindle Bore	18 step	<i>inverter variable</i>
Ø85 mm	25~1545 rpm	27~2250 rpm
Ø105 mm (opt.)	23~1293 rpm	20~1500 rpm
Ø153 mm (opt.)	13~690 rpm	10~800 rpm

Heavy Duty Precision Lathe



conventional type



inverter drive type(*i*)

Inverter Controlled Lathe for Greater Performance

US PAT. NO.:5,862,705

- 3 range of spindle gear change combined with inverter drive variable speed output.
- Automatic speed change by inverter control.
- Turning process control is more convenient than that of conventional lathe.
- Spindle speed is displayed on the RPM meter.
- Stop braking is controlled by inverter for quick action.
- Constant spindle speed combines with the use of cross-slide lever for feeding, is similar to Constant Surface Speed (C.S.S.) function. This function provides cutting accuracy and speed for side facing on a round plate.
- When performing step turning by using automatic cross feed, the automatic speed change combined with cross feed will increase efficiency greatly.



ML-3060 / 3080 / 30120
30160 / 30220 / 30240

Height of Center : 385 mm

Distance Between Centers:

1600 / 2100 / 3100 / 4100 / 5100 / 6100 mm

Spindle Bore	18 step	<i>inverter variable</i>
Ø105 mm	23~1293 rpm	20~1500 rpm
Ø155 mm(opt.)	13~690 rpm	10~800 rpm

ML-3360 / 3380 / 33120
33160 / 33200 / 33240

Height of Center : 420 mm

Distance Between Centers:1600 / 2100 / 3100 / 4100 / 5100 / 6100 mm

Spindle Bore	18 step	<i>inverter variable</i>
Ø105 mm	23~1293 rpm	20~1500 rpm
Ø155 mm(opt.)	13~690 rpm	10~800 rpm
Ø230 mm(opt.)	5~440 rpm	6~450 rpm
Ø255 mm(opt.)	5~440 rpm	6~450 rpm

Large Swing Heavy Duty Precision Lathe



conventional type



inverter drive type*(i)*



CE conformity(opt.):

Electrics comply with CE-regulations / Chuck guard / Chip and coolant shield / Leadscrew guard / Full length splash guard



Strong boxway design between cross-slide and saddle, which creates border contact surface to offer heavier cutting capacity (good for larger pitch threading) and durable servicing life also holding machine accuracy for much longer time.



Heavily ribbed sturdy machine structure with extra wide bedways and rigid machine base, which offers fundamental strength and stability for larger swing lathe machine.

ML-4260 / 4280 / 42120 / 42160 / 42200 / 42240 / 42280 / 42300

Height of Center: 560 mm

ML-5060 / 5080 / 50120 / 50160 / 50200 / 50240 / 50280 / 50320

Height of Center: 630 mm

ML-6060 / 6080 / 60120 / 60160 / 60200 / 60240 / 60280 / 60320

Height of Center: 750 mm

Distance Between Centers: 1700 / 2200 / 3200 / 4200 / 5200 / 6200 / 7200 / 8200 mm

Spindle Bore	18 step	inverter variable
Ø153 mm	5~615 rpm	7~710 rpm
Ø230 mm(opt.)	4~430 rpm	6~500 rpm
Ø255 mm(opt.)	4~430 rpm	6~500 rpm

ULTIMATE STRUCTURE ASSURES THE HIGHEST STABILITY



MASSIVE BED

- The box type bed is heavily constructed in combination with extra wide bed ways, resulting in increased structural rigidity and machining stability.
- Bed ways are hardened and precisely-ground for high wear-resistance.

SUPERBLY DESIGNED STRUCTURE

- The bed and machine base are manufactured from high quality cast iron, tempered to relieve stress without deformation year after year.
- The bed interior is scientifically rib-reinforced to dampen vibration and reduce deformation.

OVERSIZED BED

- The extra wide bed is a box type construction combined with large span between slide ways for increased rigidity while minimizing vibration and tool chattering when performing heavy cutting.
- Bed slideways are hardened and precisely-ground for smooth movement of the carriage.

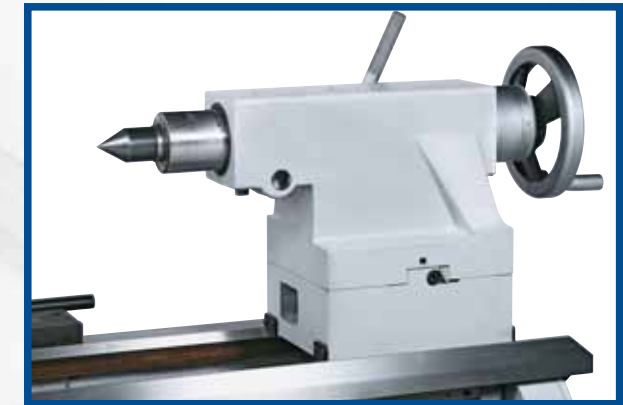
Ø 355mm EXTRA LARGE SPINDLE BORE

The specially designed extra large spindle bore is suitable for cutting larger workpiece.



Well Engineered Electrical Cabinet

- The electrical cabinet is attentively designed and deployed, allowing for easy access for trouble shooting and maintenance of electrical / electronic components.
- All electrical / electronic components are tested for dependable control performance.
- Low voltage control system avoids danger to the operator in case of electric shock.
- All electrics comply with CE-regulations(opt.)



Ruggedly Constructed Tailstock

- The rugged and compact tailstock is easy to move along the bed ways and clamped in position.
- The tailstock quill is hardened, precisely-ground and graduated in inch and metric scales.
- Accurate tailstock contribute to precision turning and drilling.



Rigid Headstock

- The headstock is ruggedly constructed for ultra-high stability when performing heavy cutting.
- The all-gear headstock provides a wide range of spindle speeds to suit various cutting requirements.
- All gears in the headstock quality are manufactured from high quality alloy steel (SCM-21), carburized and precisely-ground to assure maximum smoothness and quietness during running.

Oil-Bath Device in Headstock

- The headstock employs a combination of forced lubrication and oil-bath device to achieve better lubrication effect.



Conveniently Operated Gear Box

- Operations such as speed change, feed rate selection and inch/metric threading can be performed conveniently without need to change gear.
- Feed rate selection and threading are easily accomplished by simply shifting three levers and one rotary dial.
- The gear box is oil-bath lubricated to ensure smooth running at all times.



Compound Tool Post

- The compound tool post is mounted on top of the cross slide.
- The slideways of carriage and saddle are hardened and precisely-ground for outstanding wear resistance.
- A hand lubricator is equipped for lubricating longitudinal and cross slideways.



Apron

- The apron has an interlock device to eliminate the problem of simultaneous power feeding and thread cutting.
- The apron forms an oil reservoir for oil-bath lubrication for all gears in the apron.

OPTIONAL EQUIPMENTS



Steady Rest (opt.)

- The steady rest is used for supporting a workpiece, that effectively prevents the workpiece from springing or bending.
- The jaws of steady rest can be adjusted, allowing the workpiece to be supported at a correct position.



Follow Rest (opt.)

- The follow rest is mounted to the saddle, and moves together with the saddle for holding the workpiece.
- The follow rest may prevent a workpiece from springing away from the point of the cutting tool.



Face Plate (opt.)

- In case an irregularly shaped workpiece can not be clamped by a chuck, then the face plate should be applied for holding such workpiece.



Dual Chuck System (opt.)

- Upon customer's request, an additional chuck can be mounted at the rear end of the spindle.
- The dual chuck system is available only for a lathe with spindle bore diameter bigger than 105mm.
- With the dual chuck system, a long workpiece can be clamped at two positions for increasing the stability of the workpiece.



Turret type 5-position Bed Stopper (opt.)

- The turret type 5-position bed stopper is mounted on the bed ways.
- Equipped with 5 adjustable reference-screws for conveniently setting stop position.

OPTIONAL EQUIPMENTS



3-Jaw Scroll Chuck (opt.)

- The 3 jaws move in and out simultaneously for quickly clamping a workpiece.
- Choice of various diameter of chucks depending on lathe model.



4-Jaw Independent Chuck (opt.)

- The 4-jaw independent chuck is used for clamping workpieces with irregular shapes.
- Each jaw is adjusted independently.
- The 4-jaws are reversible for gripping the inside or outside of a workpiece.
- Choice of various diameter of chucks depending on lathe model.



Micrometer Bed Stopper (opt.)

- The micrometer bed stopper is mounted on the bed ways.
- This stopper provides increased convenience in case workpiece machining requires correct shoulder length.



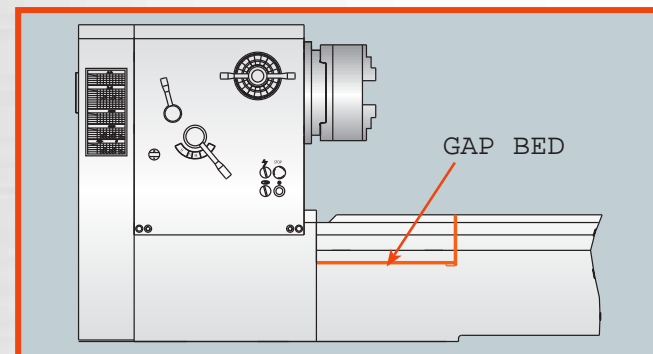
Chip and Coolant Shield (opt.)

- The see-through chips and coolant shield is mounted at the front of the saddle. It is used to prevent chips and coolant from damage to the operator.



Chuck Guard (opt.)

- The chuck guard is mounted over the chuck, providing safety protection for the operator during cutting.
- In the case that chuck guard is opened, machine power shuts off automatically.



Gap Bed (opt.)

- The gap bed is a segment of bed, which can be removed for increasing swing capacity.



Taper Attachment (opt.)

- The taper attachment is mounted at the back side of the bed, and can be adjusted along the bed to meet machining requirement.
- It is suitable for taper-cutting.



Quick Change Tool Post (opt.)

- The quick change tool post is equipped with a clamping lever for fixing cutting-tool easily and faster.
- It holds only one cutting tool.
- The tool post and cutting tool can be changed simultaneously for saving time in tool setting.



Rotating Quill of Tailstock (opt.)

- The rotating quill provides an increase in loading capacity.
- Especially ideal for holding long workpiece.



Work Light (opt.)

SPECIFICATIONS

ITEM/MODEL	ML-1840	ML-1860	ML-1880	ML-2140	ML-2160	ML-2180	ML-21120	ML-2540	ML-2560	ML-2580	ML-25120
CAPACITY											
Center height	230 mm			270 mm				315 mm			
Max. swing over bed	460 mm			540 mm				630 mm			
Max. swing over gap	640 mm (opt.)			720 mm (opt.)				810 mm (opt.)			
Max. swing over cross-slide	290 mm			360 mm				450 mm			
Distance between centers	1000 mm	1500 mm	2000 mm	1000 mm	1500 mm	2000 mm	3000 mm	1000 mm	1500 mm	2000 mm	3000 mm
MAIN SPINLDE											
Spindle bore	Ø56 mm			Ø85 mm (std.)		Ø105 mm (opt.)		Ø85 mm (std.)		Ø105 mm (opt.)	Ø155 mm (opt.)
Spindle nose	D 1-6			D 1-8		A 1-11		D 1-8		A 1-11	A 2-11
Conventional type spindle speeds (18 steps)	39 - 2800 rpm			25 - 1545 rpm		23 - 1293 rpm		25 - 1545 rpm		23 - 1293 rpm	13 - 690 rpm
Inverter type variable speeds	H	3100 - 681 rpm		2250 - 491 rpm		1500 - 331 rpm		2250 - 491 rpm		1500 - 331 rpm	800 - 176 rpm
	M	680 - 153 rpm		490 - 126 rpm		330 - 93 rpm		490 - 126 rpm		330 - 93 rpm	175 - 53 rpm
	L	152 - 33 rpm		125 - 27 rpm		92 - 20 rpm		125 - 27 rpm		92 - 20 rpm	52 - 10 rpm
CARRIAGE											
Cross-slide travel	280 mm			330 mm				330 mm			
Compound rest travel	120 mm			150 mm				150 mm			
TAILSTOCK											
Tailstock spindle dia.	75 mm			75 mm				75 mm			
Tailstock spindle travel	170 mm			170 mm				170 mm			
Tailstock spindle taper	MT#5			MT#5				MT#5			
BED											
Bed width	350 mm			350 mm				350 mm			
THREADING											
Lead screw	4TPI or 6 mm / pitch			4TPI or 6 mm / pitch				4TPI or 6 mm / pitch			
Metric pitch threads	0.5-7 mm / pitch (24 kinds)			0.5-7 mm / pitch (24 kinds)				0.5-7 mm / pitch (24 kinds)			
Inch pitch threads	4-56 TPI (36 kinds)			4-56 TPI (36 kinds)				4-56 TPI (36 kinds)			
Module pitch threads	0.25-3.5 M (15 kinds)			0.25-3.5 M (15 kinds)				0.25-3.5 M (15 kinds)			
DP threads	8-112 P (36 kinds)			8-112 P (36 kinds)				8-112 P (36 kinds)			
FEEDING RANGE											
Range of longitudinal feeds	0.06-0.88 mm / rev.			0.06-0.88 mm / rev.				0.06-0.88 mm / rev.			
Range of cross feeds	0.03-0.44 mm / rev.			0.03-0.44 mm / rev.				0.03-0.44 mm / rev.			
MOTOR											
Main spindle motor	7-1/2 HP / 10 HP(opt.)			10 HP / 15 HP(opt.)				10 HP / 15 HP(opt.)			
Rapid feed motor	90 W (opt.)			90 W (opt.)				90 W (opt.)			
Coolant pump motor	1/8 HP			1/8 HP				1/8 HP			
MACHINE WEIGHT											
Net weight approx.	2000 kgs	2250 kgs	2500 kgs	2200 kgs	2350 kgs	2600 kgs	2600 kgs	2250 kgs	2400 kgs	2650 kgs	2650 kgs
Packing size (cm)	229x120x170	279x120x170	329x120x170	229x120x170	279x120x170	329x120x170	429x120x170	229x120x170	279x120x170	329x120x170	429x120x170

• Above specifications are subject to change without prior notice.

STANDARD ACCESSORIES:

- Center sleeve 1 PC
- Dead centers 2 PCS
- Main drive motor 1 SET
- Coolant equipment 1 SET
- Tool box & tools 1 SET

OPTIONAL ACCESSORIES:

- CE conformity
- Magnetic brake for spindle motor
- Inverter controlled
- Steady rest
- Follow rest
- 3-jaws scroll chuck
- 4-jaws independent chuck
- Face plate
- Dual chuck system (for bigger than 105mm spindle bore)
- Rear chuck adaptor (for bigger than 105mm spindle bore)
- Micrometer bed stopper
- Turret type 5 position bed stopper
- Quick change toolpost
- Gap bed
- Taper attachment
- Rotating center
- Chuck guard
- Chip and coolant shield
- Lead screw guard
- Full length splash guard
- Z-axis rapid travel
- Digital readout system
- Work light

SPECIFICATIONS

ITEM/MODEL	ML-3060	ML-3080	ML-30120	ML-30160	ML-30200	ML-30240	ML-3360	ML-3380	ML-33120	ML-33160	ML-33200	ML-33240		
CAPACITY														
Center height	385 mm						420 mm							
Max. swing over bed	770 mm						840 mm							
Max. swing over gap	980 mm (opt.)						1020 mm (opt.)							
Max. swing over cross-slide	500 mm						570 mm							
Distance between centers	1600 mm	2100 mm	3100 mm	4100 mm	5100 mm	6100 mm	1600 mm	2100 mm	3100 mm	4100 mm	5100 mm	6100 mm		
MAIN SPINDLE														
Spindle bore	Ø105 mm (std.)			Ø155 mm (opt.)			Ø105 mm (std.)		Ø155 mm (opt.)		Ø230 mm (opt.)		Ø255 mm (opt.)	
Spindle nose	A 1-11			A 2-11			A 1-11		A 2-11		A 2-15		A 2-15	
Conventional type spindle speeds (18 steps)	23 - 1293 rpm			13 - 690 rpm			23 - 1293 rpm		13 - 690 rpm		5 - 440 rpm		5 - 440 rpm	
Inverter type variable speeds	H	1500 - 331 rpm			800 - 176 rpm			1500 - 331 rpm		800 - 176 rpm		450 - 108 rpm		450 - 108 rpm
	M	330 - 93 rpm			175 - 53 rpm			330 - 93 rpm		175 - 53 rpm		107 - 31 rpm		107 - 31 rpm
	L	92 - 20 rpm			52 - 10 rpm			92 - 20 rpm		52 - 10 rpm		30 - 6 rpm		30 - 6 rpm
CARRIAGE														
Cross-slide travel	450 mm						450 mm							
Compound rest travel	250 mm						250 mm							
TAILSTOCK														
Tailstock spindle dia.	105 mm						105 mm							
Tailstock spindle travel	220 mm						220 mm							
Tailstock spindle taper	MT#5						MT#5							
BED														
Bed width	450 mm						450 mm							
THREADING														
Lead screw	2TPI or 12 mm / pitch						2TPI or 12 mm / pitch							
Metric pitch threads	0.8-14 mm / pitch (65 kinds)						0.8-14 mm / pitch (65 kinds)							
Inch pitch threads	2-28 TPI (36 kinds)						2-28 TPI (36 kinds)							
Module pitch threads	0.5-7 M (22 kinds)						0.5-7 M (22 kinds)							
DP threads	4-56 TPI (36 kinds)						4-56 TPI (36 kinds)							
FEEDING RANGE														
Range of longitudinal feeds	0.05-0.70 mm / rev.						0.05-0.70 mm / rev.							
Range of cross feeds	0.025-0.35 mm / rev.						0.025-0.35 mm / rev.							
MOTOR														
Main spindle motor	15 HP / 20 HP(opt.)						15 HP / 20 HP(opt.)							
Rapid feed motor	1/4 HP						1/4 HP							
Coolant pump motor	1/8 HP						1/8 HP							
MACHINE WEIGHT														
Net weight approx.	3350 kgs	3600 kgs	4100 kgs	4600 kgs	5100 kgs	5700 kgs	3450 kgs	3700 kgs	4200 kgs	4700 kgs	5200 kgs	5800 kgs		
Packing size (cm)	365x170x180	415x170x180	515x170x180	615x170x180	715x170x180	815x170x180	365x170x180	415x170x180	515x170x180	615x170x180	715x170x180	815x170x180		

• Above specifications are subject to change without prior notice.

STANDARD ACCESSORIES:

- Center sleeve 1 PC
- Dead centers 2 PCS
- Main drive motor 1 SET
- Coolant equipment 1 SET
- Tool box & tools 1 SET
- X-axis / Z-axis rapid travel 1 SET
- Magnetic brake for spindle motor 1 SET

OPTIONAL ACCESSORIES:

- CE conformity
- Inverter controlled
- Steady rest
- Follow rest
- 3-jaws scroll chuck
- 4-jaws independent chuck
- Face plate
- Dual chuck system (for bigger than 105mm spindle bore)
- Rear chuck adaptor (for bigger than 105mm spindle bore)
- Micrometer bed stopper
- Turret type 5 position bed stopper
- Quick change toolpost
- Gap bed
- Taper attachment
- Rotating center
- Chuck guard
- Chip and coolant shield
- Lead screw guard
- Full length splash guard (for less than 3100mm length lathe)
- Moving rear splash guard
- Digital readout system
- Work light

SPECIFICATIONS

ITEM/MODEL	ML-4260 (i)	ML-4280 (i)	ML-42120 (i)	ML-42160 (i)	ML-42200 (i)	ML-42240 (i)	ML-42280 (i)	ML-42320 (i)	ML-5060 (i)	ML-5080 (i)	ML-50120 (i)	ML-50160 (i)	ML-50200 (i)	ML-50240 (i)	ML-50280 (i)	ML-50320 (i)			
CAPACITY																			
Center height	565 mm								665 mm										
Max. swing over bed	1070 mm								1270 mm										
Max. swing over gap	1520 mm								1720 mm										
Max. swing over cross-slide	750 mm								950 mm										
Distance between centers	1700 mm	2200 mm	3200 mm	4200 mm	5200 mm	6200 mm	7200 mm	8200 mm	1700 mm	2200 mm	3200 mm	4200 mm	5200 mm	6200 mm	7200 mm	8200 mm			
Length of gap	570 mm								570 mm										
MAIN SPINDLE																			
Spindle bore	Ø155 mm (std.)			Ø230 mm (opt.)			Ø255 mm (opt.)			Ø155 mm (std.)			Ø230 mm (opt.)			Ø255 mm (opt.)		larger spindle bores are available on request	
Spindle nose	A 2-11			A 2-15			A 2-15			A 2-11			A 2-15			A 2-15			
Conventional type spindle speeds (18 steps)	5 - 617 rpm			4 - 430 rpm			4 - 430 rpm			5 - 617 rpm			4 - 430 rpm			4 - 430 rpm			
Inverter type variable speeds	H	710 - 188 rpm			500 - 116 rpm			500 - 116 rpm			710 - 188 rpm			500 - 116 rpm			500 - 116 rpm		
	M	187 - 40 rpm			115 - 31 rpm			115 - 31 rpm			187 - 40 rpm			115 - 31 rpm			115 - 31 rpm		
	L	39 - 7 rpm			30 - 6 rpm			30 - 6 rpm			39 - 7 rpm			30 - 6 rpm			30 - 6 rpm		
CARRIAGE																			
Cross-slide travel	700 mm								700 mm										
Compound rest travel	380 mm								380 mm										
TAILSTOCK																			
Tailstock spindle dia.	165 mm								165 mm										
Tailstock spindle travel	300 mm								300 mm										
Tailstock spindle taper	MT#6								MT#6										
BED																			
Bed width	610 mm								610 mm										
THREADING																			
Lead screw	2TPI or 12 mm / pitch								2TPI or 12 mm / pitch										
Metric pitch threads	1-30 mm								1-30 mm										
Inch pitch threads	30-1 TPI								30-1 TPI										
Module pitch threads	0.5-15 M								0.5-15 M										
DP threads	60-2 TPI								60-2 TPI										
FEEDING RANGE																			
Range of longitudinal feeds	0.05-1.52 mm / rev.								0.05-1.52 mm / rev.										
Range of cross feeds	0.025-0.76 mm / rev.								0.025-0.76 mm / rev.										
MOTOR																			
Main spindle motor	20 HP / 25/30 HP(opt.)								20 HP / 25/30 HP(opt.)										
Rapid feed motor	3/4 HP								3/4 HP										
Coolant pump motor	1/4 HP								1/4 HP										
MACHINE WEIGHT																			
Net weight approx.	6600 kgs	7000 kgs	7800 kgs	8600 kgs	9200 kgs	10000 kgs	10800 kgs	11600 kgs	6700 kgs	7300 kgs	8100 kgs	8900 kgs	9700 kgs	10500 kgs	11300 kgs	12100 kgs			
Packing size (cm)	424x184x176	474x184x176	574x184x176	674x184x176	774x184x176	874x184x176	874x184x176	1080x184x176	424x184x186	474x184x186	574x184x186	674x184x186	774x184x186	874x184x186	974x184x186	1080x184x186			

• Above specifications are subject to change without prior notice.

SPECIFICATIONS

ITEM/MODEL	ML-6060	ML-6080	ML-60120	ML-60160	ML-60200	ML-60240	ML-60280	ML-60320
CAPACITY								
Center height	780 mm							
Max. swing over bed	1500 mm							
Max. swing over gap	1900 mm							
Max. swing over cross-slide	1120 mm							
Distance between centers	1700 mm	2200 mm	3200 mm	4200 mm	5200 mm	6200 mm	7200 mm	8200 mm
Length of gap	570 mm							
MAIN SPINDLE								
Spindle bore	Ø155 mm (std.)	Ø230 mm (opt.)	Ø255 mm (opt.)	larger spindle bores are available on request				
Spindle nose	A 2-11	A 2-15	A 2-15					
Conventional type spindle speeds (18 steps)	5 - 615 rpm	4 - 430 rpm	4 - 430 rpm					
Inverter type variable speeds	H	710 - 188 rpm	500 - 116 rpm	500 - 116 rpm				
	M	187 - 40 rpm	115 - 31 rpm	115 - 31 rpm				
	L	39 - 7 rpm	30 - 6 rpm	30 - 6 rpm				
CARRIAGE								
Cross-slide travel	700 mm							
Compound rest travel	380 mm							
TAILSTOCK								
Tailstock spindle dia.	165 mm							
Tailstock spindle travel	300 mm							
Tailstock spindle taper	MT#6							
BED								
Bed width	610 mm							
THREADING								
Lead screw	2TPI or 12 mm / pitch							
Metric pitch threads	1-30 mm							
Inch pitch threads	30-1 TPI							
Module pitch threads	0.5-15 M							
DP threads	60-2 TPI							
FEEDING RANGE								
Range of longitudinal feeds	0.068-2.032mm / rev.							
Range of cross feeds	0.027-0.813 mm / rev.							
MOTOR								
Main spindle motor	20 HP / 25/30 HP(opt.)							
Rapid feed motor	1 HP							
Coolant pump motor	1/4 HP							
MACHINE WEIGHT								
Net weight approx.	7400 kgs	7800 kgs	8600 kgs	9400 kgs	10200 kgs	11000 kgs	11800 kgs	12600 kgs
Packing size (cm)	424x209x201	474x209x201	574x209x201	674x209x201	774x209x201	874x209x201	974x209x201	1080x209x201

• Above specifications are subject to change without prior notice.

STANDARD ACCESSORIES:

- Main drive motor 1 SET
- Coolant equipment 1 SET
- Magnetic brake for spindle motor 1 SET
- Six way rapid travel (including compound tool post) 1 SET
- Center sleeve 1 PC
- Dead centers 2 PCS
- Tool box & tools 1 SET

OPTIONAL ACCESSORIES:

- CE conformity
- Gap bed
- 3-jaws scroll chuck
- 4-jaws independent chuck
- Face plate type 4-jaw chuck
- Dual chuck system
- Rear chuck adaptor
- Steady rest
- Follow rest
- Work light
- Taper attachment
- Full length splash guard (for less than 3100mm length lathe)
- Moving rear splash guard
- Chip and coolant shield
- Chuck guard
- Leadscrew guard
- Rotating center
- Digital readout system