SPECIFICATIONS

ITEM/MODEL		MA-S4260(A)	MA-S4280(A)	MA-S42120(A)	MA-S42160(A)	MA-S42200(A)	MA-S42240(A)	MA-S42280(A)	MA-S5060(A)	MA-S5080(A)	MA-S50120(A)	MA-S50160(A)	MA-S50200(A)	MA-S50240(A)	MA-S50280(A)
CAPACITY															
Center height		565 mm							665 mm						
Max. swing over bed		1070 mm							1270 mm						
Max. swing over gap		1570 mm							1770 mm						
Max. swing over cross-slide		744 mm							944 mm						
Distance between centers		1700 mm	2200 mm	3200 mm	4200 mm	5200 mm	6200 mm	7200 mm	1700 mm	2200 mm	3200 mm	4200 mm	5200 mm	6200 mm	7200 mm
Length of gap		570 mm							570 mm						
MAIN SPINLDE															
Spindle bore		Ø155 mm (std.)			Ø230 mm (opt.)				Ø155 mm (std.)		Ø230 mm (opt.)		Ø255 mm (opt.)		
Spindle nose		A 2-11			A 2-15				A 2-11		A 2-15		A 2-15		
Conventional type spindle speeds (18 steps)		5 - 615 rpm			4 - 430 rpm			large spindle bores are available on request	5 - 615 rpm		4 - 430 rpm		4 - 430 rpm		large spindle bores are available on request
Inverter type variable speeds	H	710 - 188 rpm			500 - 116 rpm				710 - 188 rpm		500 - 116 rpm		500 - 116 rpm		
	M	187 - 40 rpm			115 - 31 rpm				187 - 40 rpm		115 - 31 rpm		115 - 31 rpm		
	L	39 - 7 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		1/6 HP							1/6 HP						
MACHINE WEIGHT															
Net weight approx.		6600 kgs	7000 kgs	7800 kgs	8600 kgs	9200 kgs	10000 kgs	10800 kgs	6700 kgs	7300 kgs	8100 kgs	8900 kgs	9700 kgs	10500 kgs	11300 kgs
Packing size (mm)		4240x1840x1760	4740x1840x1760	5740x1840x1760	6740x1840x1760	7740x1840x1760	8740x1840x1760	9740x1840x1760	4240x1840x1860	4740x1840x1860	5740x1840x1860	6740x1840x1860	7740x1840x1860	8740x1840x1860	9740x1840x1860

• 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

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Large Swing Heavy Duty Precision Lathe

20130314

Large Swing Heavy Duty Precision Lathe

MA-S4260 / S4280 / S42120 / S42160 / S42200 / S42240 / S42280
Height of Center: 565 mm

MA-S5060 / S5080 / S50120 / S50160 / S50200 / S50240 / S50280
Height of Center: 665 mm

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

Spindle Bore	18 step	inverter variable
Ø155 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

Box Way on Cross Slide

- The contact surfaces between the cross slide and the saddle are designed with box ways, which provides grenter contact surface.
- This permits heavier cutting capacity, and is also ideal for larger pitch threading.
- Another benefits are longer service life and keeping machine accuracy for much langer time.

Extra Wide Bed Ways

- The bed and base are ruggedly constructed in combination with large span between bedways, that feature maximum rigidity and stability to suit large workpiece machining.

conventional type

inverter drive type(𝒾)