

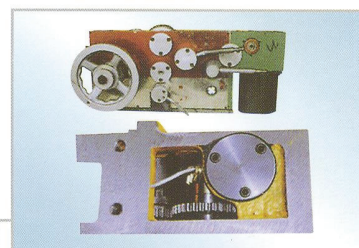


CH600/740

SPECIFICATIONS



MAGNETIC CLUTCHES
MAGNETIC BRAKE



RAPID TRAVERSE
MOTOR

Items		Model	600(24")	740(29")
General Capacity	Center height		300mm(11-7/8")	370mm(14-3/4")
	Swing over bed		600mm(23-5/8")	740mm(29-1/8")
	Swing over gap (Gap type only)		820mm(32-1/4")	960mm(37-25/32")
	Swing over cross slide		380mm(15")	520mm(20-1/2")
	Distance between centers		1.35m(53.1"), 1.84m(72.4"), 2.91m(114.5"), 3.96m(156")	
Main Spindle	Spindle nose		ASA D1-11	
	Spindle bore diameter		104mm(4-1/11")	
	Taper of spindle bore		108 x 1:20	
	Taper of center		MT5	
	Spindle speeds		25 ~ 1,200 rpm (12 steps)	
Carriage	Cross slide travel		330mm(13")	465mm(18-1/4")
	Compound rest travel		230mm(9")	
	Max. size cutting tool		25 x 25mm(1" x 1")	
Tailstock	Spindle diameter		77mm(3-1/32")	
	Spindle travel		178mm(7")	
	Taper of center		MT5	
Bed	Bed width		2,590/3,090/4,160/5,210mm(102"/122"/164"/205")	
	Bed length		420mm(16-1/2")	
	System		515mm(20-1/4")	
Threading & Feeding	Pitch of leadscrew		Ø38mm(1-1/2") 4 TPI or 6 mm/pitch	
	Metric pitch threads		0.5 ~ 14mm x 31 kinds	
	Inch pitch threads		2 ~ 56 TPI x 45 kinds	
	Module pitch threads		0.25 ~ 7 M.P. x 23 kinds	
	Diametral pitch threads		4 ~ 112 D.P. x 43 kinds	
	Range of longitudinal feeds		0.03 ~ 0.73 mm/rev. (0.0012" ~ 0.0287"/rev.)	
	Range of cross feeds		0.01 ~ 0.3 mm/rev. (0.0004" ~ 0.0118"/rev.)	
	Main drive motor		15HP (11.25 kw) or 10HP (7.5 kw)	
Power	Rapid traverse motor		1/2 HP	
	Coolant pump motor		1/8 HP	
Net weight (CH-600)			3,550/3,750/4,350/4,750 kgs (7,150/7,810/8,690/9,570 lbs)	
Gross weight (CH-600)			3,750/3,950/4,550/5,000 kgs (8,250/8,690/10,010/11,000 lbs)	
Packing size approx. (L x W x H) (CH-600)			3,035/3,520/4,600/5,590x1,270x1,880mm(119.5"/138.5"/181.3"/220"x50x74")	

Specifications are subject to change without notice for further design improvement

STANDARD ACCESSORIES

- Main drive motor 15HP
- M.T.NO.5 dead center
- Coolant system
- Change gears for module & D.P cutting
- Tool box with tool kits

OPTIONAL ACCESSORIES

- Steady rest
- Follow rest
- 3-jaw scroll chuck
- 4-jaw scroll chuck
- Face plate
- Drive plate