



MACHINERY SERVICES
RMS MOVING MANUFACTURING INTO THE FUTURE

ACER SPECIFICATIONS: DYNAMIC 1740G

ITEM		MODEL
		1740G
General Capacity	Center height	8-3/4"
	Swing over bed	17"
	Swing over gap (Gap type only)	26"
	Swing over cross slide	9-5/8"
	Distance between centers	40"
Main Spindle	Spindle nose	D1-6 or A1-6
	Spindle bore diameter	2-1/4"
	Type of spindle nose	MT.# 6
	Taper of center	MT.# 4
	Spindle speeds	50~1800 rpm (12 steps)
Carriage	Cross slide travel	8-5/8"
	Compound rest travel	7"
	Max. size cutting tool	1" x 1"
Tailstock	Spindle diameter	2-1/4"
	Spindle travel	6"
	Taper of center	MT.# 4
Bed	Bed length	73"
	Bed width	12"



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FEATURES: DYNAMIC 1740G

- Headstock's rigidity and durability are derived from high tensile cast iron (FC25).
- A uniquely designed gear box offers a comprehensive range of inch and metric threads without changing gears.
- Simple laid-out electric cabinet is easy to maintain and easy to fix.
- Saddle is coated with Turcite-B to provide wear resistance.
- Three point support on the spindle is the key to heavy cutting.
- Triangular ribbed bed with annealing process on the casting allows no deformation to occur on the slideways.
- A 2-1/4" diametered quill, graduated in inch and metric scales, is made from low carbon steel (SCM4), and it is hardened and ground to its accuracy.
- Electro-trochoid pump forces lubrication oil to all running parts inside the headstock.
- Oil bathed cross lead screw (optional).
- Oil flood indicator.
- Hand chip guard.
- Output shaft of the gear box is designed with a safety pin to protect from damage.
- Power disconnecting limit switch.
- Drip-proof 7.5 HP spindle motor.
- Mechanical drum type brake is easy to adjust and maintain.
- Hardened & ground bedways at Rockwell C 55°.
- Hardened & ground cross slideways.
- Saddle lock device for heavy cutting.
- Triangular bed web for rigidity.
- Oil bathed longitudinal lead screw.
- Forward/stop/reverse lever with safety device.
- Oil level indicator.
- Multi-position length stop.
- Machine bed with FC-30 casting iron.
- Machine weighs in at 3,500 lbs.