



**MACHINERY SERVICES**  
RMS MOVING MANUFACTURING INTO THE FUTURE

## About the 1740G

### ACER ENGINE LATHE: 1740G

ITEM	
<b>General Capacity</b>	Center height
	Swing over bed
	Swing over gap (Gap type only)
	Swing over cross slide
	Distance between centers
<b>Main Spindle</b>	Spindle nose
	Spindle bore diameter
	Type of spindle nose
	Taper of center
	Spindle speeds
<b>Carriage</b>	Cross slide travel
	Compound rest travel
	Max. size cutting tool
<b>Tailstock</b>	Spindle diameter
	Spindle travel
	Taper of center
<b>Bed</b>	Bed length
	Bed width



## FEATURES:

- 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.