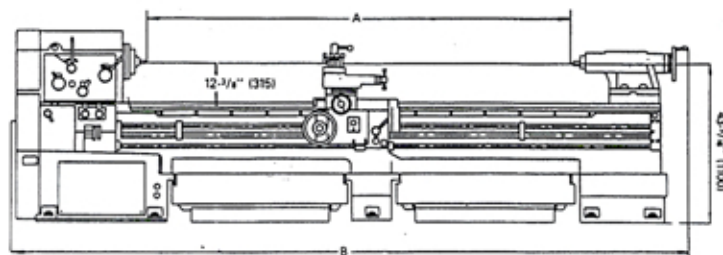
 **WHACHEON U.S.A., Inc**



## HL-630/720

	Swing Over Bed	A	B
WL-630	24" (630)	120.08 (3050)	175.31 (4453)

### ■ SPECIFICATIONS WL-630

( ) = mm

MODEL		3000S
Swing	Swing over bed Swing over cross slide	24 1/4" (630) 16 1/2" (410)
Distance	Distance from floor to center Distance from bed to center Distance between centers	43 1/2" (1100) 12 3/4" (315) 120" (3050)
Spindle	Spindle nose Spindle through hole Taper of spindle bore Taper of center Number of spindle speeds Range of spindle speeds (R.P.M.)	ASA D1-8 3" (77) M.T. No. 7 M.T. No. 5 12 27, 50, 65, 90, 125, 145, 220, 280, 355, 495, 685, 1205
Feeds	No. of feed changes (Long & Cross) Range of longitudinal feeds Range of cross feeds	40 Kinds 0.0015-0.0433" (0.039-1.10)/rev. 0.0010-0.029" (0.041-1.16)/rev.
Threads	Lead Screw Inch threads Metric threads D.P. threads Module threads	40 dia. x Acme thread 2 T.P.I. (12mm pitch) 2-56 T.P.I. 0.5-14mm pitch 4-56 1-7
Tool slide	Cross slide travel Compound rest travel Maximum size cutting tool (X x Y)	14 1/2" (360) 6 1/2" (170) 1 1/2" x 1 1/2" (32 x 32)
Tail stock	Spindle travel Taper of center	6" (150) M.T. No. 5
Bed	Width of the bed face Length of bed	18 1/2" (460) 171 1/2" (4350)
Motor	Main spindle motor Coolant pump motor	15 HP (11 kw) 4p AC 1/10 HP (75W) 2P
Net weight		7700 lbs (3500 kg)
Floor Space		179" x 47" (4553 x 1194mm)

### ■ STANDARD EQUIPMENT

1. Driving Plate (11-1/4")
2. Face Plate (21-1/4")
3. Center M.T #5
4. Center Sleeve M.T #7
5. Center (Cemented Carbide Tip) M.T #5
6. Coolant Pump
7. Installation Block
8. Change Gear (78T)
9. Grease Pump
10. Screw Drivers
11. Spanners
12. Wrench
13. Offset Wrench
14. Hexagon Handle
15. Box Handle
16. Box Handle (for Square)
18. Steady Rest 1.5-6" or 6-11"
19. Carriage Micro Stopper
20. Tool Box
21. Anchor Bolt
22. (Nut with Washer) Testing Chart
23. Instruction Manual
24. Parts List
25. Repair Paint

### ■ SPECIFICATIONS WL-720

MODEL		3000S
Swing	Swing over bed Swing over cross slide	28.3" (720) 19.7" (500)
Distance	Distance from floor to center Distance from bed to center Distance between centers	45.35" 14.06" 120"
Spindle	Spindle nose Spindle through hole Taper of spindle bore Taper of center Number of spindle speeds Range of spindle speeds (R.P.M.)	ASA D1-8 3" (77) M.T. No. 7 M.T. No. 5 12 27, 50, 65, 90, 125, 145, 220, 280, 355, 495, 685, 1205
Feeds	No. of feed changes (Long & Cross) Range of longitudinal feeds Range of cross feeds	40 Kinds 0.0015-0.0433" (0.039-1.10)/rev. 0.0010-0.029" (0.041-1.16)/rev.
Threads	Lead Screw Inch threads Metric threads D.P. threads Module threads	40 dia. x Acme thread 2 T.P.I. (12mm pitch) 2-56 T.P.I. 0.5-14mm pitch 4-56 1-7
Tool slide	Cross slide travel Compound rest travel Maximum size cutting tool (X x Y)	16" 6 1/2" 1 1/2" x 1 1/2"
Tail stock	Spindle travel Taper of center	6" M.T. No. 5
Bed	Width of the bed face Length of bed	18 1/2" 171 1/2"
Motor	Main spindle motor Coolant pump motor	15 HP (11 kw) 4p AC 1/10 HP (75W) 2P
Net weight		10,500 lbs
Floor Space		179" x 47" (4553 x 1194mm)

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