

CNC Smart Engine Lathe Machine Brand: Smart: Model: E630/E620, Brand New



Machine Features:

State-of-the-art drive technology in conjunction with a unique operating concept enable a conventional lathe operator to quickly and easily produce turned parts with e.g. circling, tapering, threading, taper (pipe) threading, arcing, chamfering, grooving and drilling—simpler, faster, more precisely and more efficiently than ever.

Fingertip manipulation: 15" Colorful LED industrial-grade touch screen integrated operation instructions, easy to choose turning parameters, replacing manual handle manipulations. Deliver quickly without programming experience.

One time setting, automatic cycle cutting: Besides retaining all traditional engine lathe operation practices, it adopts electric hand wheel, it makes the machining very easily. Perfect combination of **high speed** and **high torque**, make the accurate machining into possibility, max spindle speed 2000rpm.

Constant speed surface (CSS): Through control speed knob, realize the spindle speed stepless change in each grade. CSS function can be chosen while cutting the end face, and spindle speed increased or decreased correspondingly while the tooling feeding.

STANDARD ACCESSORIES:

1. Hunts V2.0 control system
2. 3-jaw chuck K11-320/A2-11
3. Colorful touch screen 15"
4. Ball screw for X/Z axes
5. Main servo motor
6. Servo motor for X/Z axes
7. Auto cycle turning OD/ID/threading/tapering/chamfering/arcing/grooving/drilling

8. CSS cutting
9. Variable speed change for spindle
10. Manual 4-position turret
11. Chip collect plate
12. Coolant pump
13. Auto lubrication pump
14. LED light
15. Center
16. CE electrics
17. 415V/50Hz/3PH
18. Sea worthy packing

Optional accessories added:

1. Chuck cover Dia 320mm
2. Turret cover
3. Rear protection cover 3000/2000mm
4. Follow rest: 20-80mm
5. Steady rest: 20-125mm
6. Bigger steady rest (roller type): 125-250mm
- 7.4 Jaw chuck K72-400/A2-11
8. Face Plate 500mm/A2-11
9. Drive Plate 320mm/A2-11
10. Z1 axis DRO 160mm
11. Full length foot brake 3000/2000mm
12. Live center MT5
13. Adapter sleeve Metric 120 to Morse 5
14. Adjustable pad kits (8 sets) 160x80x50mm

Technical Specifications:

Swing over bed:	650mm
Swing over cross slide:	380mm
Max. Workpiece length:	3000/2000mm
Width of bed:	400mm
Chuck size:	320mm
Spindle steps:	Stepless
Spindle speed range:	20-2000rpm
Spindle bore dia.:	104mm
Spindle taper:	Metric 120
Spindle nose:	A2-11mm
Tool post travel:	140mm
X-axis travel:	315mm

Tool station No.:	4
Tool size:	25x25mm
Travel type:	Manual
Quill stroke:	150mm
Quill dia.:	75mm
Quill taper:	MT5
X/Y axis rapid speed:	4/8 m/min
X/Z axis ball screw dia.:	25x5 / 40x10mm
Main motor power:	11/15Kw
Coolant motor power:	0.125Kw
X/Z axis servo motor power:	0.85 / 1.3Kw
Spindle torque:	650Nm
X/Z axis torque:	5.4 / 8.4Nm
Overall dimension:	4658x1650x1850mm/3658x1650x1850mm
Machine weight:	3600Kg/2800Kg

Made In China