

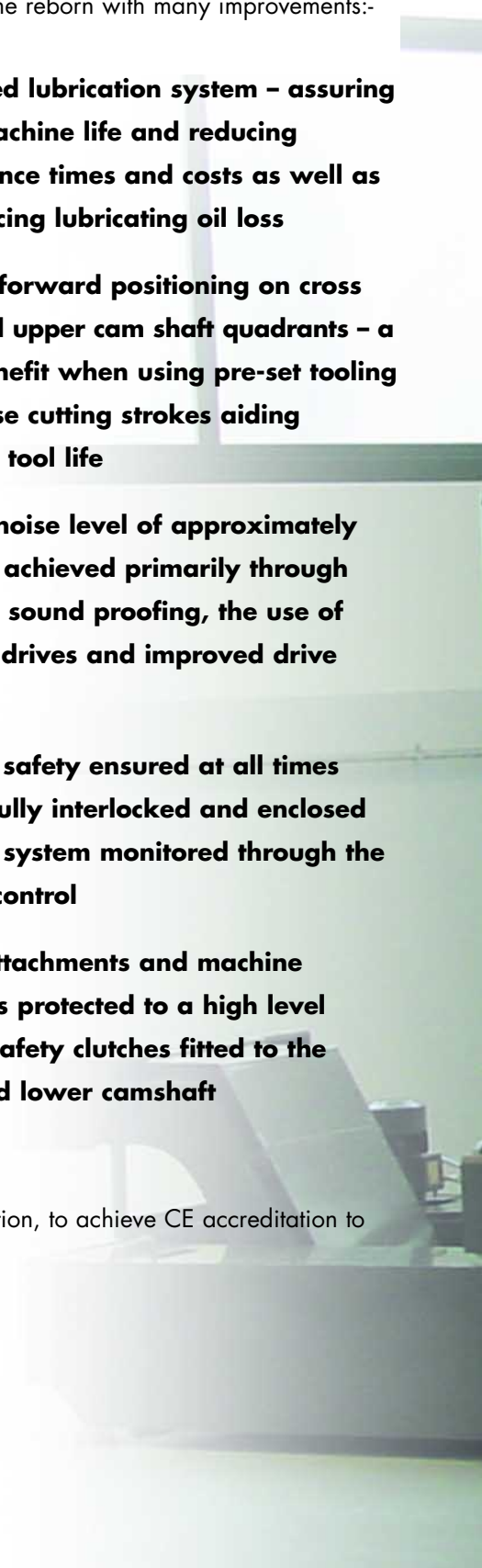
Wickman 6-26 Multispindle Automatic Lathe

The Wickman 6-26 has been developed to meet the needs of the medium to large user looking for high productivity and satisfy demanding customers who require high accuracy, consistency and reliability in a multispindle automatic lathe.

Following a rigorous design programme to meet manufacturing demands of the 21st Century, this latest generation of the Wickman Multispindle Automatic Lathe is a machine reborn with many improvements:-

- **Hirth type drum locking giving vastly improved positioning accuracy**
- **Improved work spindle arrangement**
- **All spindles dynamically balanced has allowed the spindle speed to be raised to 5000 rpm**
- **Helical drive gears for a more positive drive and quieter running**
- **Toggle-free clamping – less maintenance with improved collet clamping force**
- **Allowance for machine to be converted to spindle stopping**
- **Removable swarf conveyor and coolant tank giving cooler/cleaner cutting oil for improved tool life and a reduction in cleaning hours**
- **Siemens OP7 plc control for user friendly operation of machine functions**
- **Tetra Servo feed motor for optimum cycle times also with optimum feed rates giving improved tool life**
- **Centralised lubrication system – assuring longer machine life and reducing maintenance times and costs as well as and reducing lubricating oil loss**
- **Constant forward positioning on cross slides and upper cam shaft quadrants – a major benefit when using pre-set tooling to optimise cutting strokes aiding improved tool life**
- **Reduced noise level of approximately 79.5 dab achieved primarily through extensive sound proofing, the use of direct AC drives and improved drive gearing**
- **Operator safety ensured at all times through fully interlocked and enclosed guarding system monitored through the Siemens control**
- **Tooling attachments and machine mechanics protected to a high level through safety clutches fitted to the upper and lower camshaft**

The 6-26 has been designed with the new Health and Safety legislation, to achieve CE accreditation to meet the latest European standards



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This new generation of the Wickman has been retained with its famous stroke control system on the cross slides and upper camshafts quadrants. **All accessories and attachments used on the Wickman 1"-6 can be fitted onto the Wickman 6-26.**



Wickman 6-26 Multispindle Automatic Lathe

Standard Version

- 6 cross slides
- 2 independent slides in station 4 and 5
- Stock carriage with acoustic cover
- Removable swarf conveyor and coolant tank
- CE marking

Options

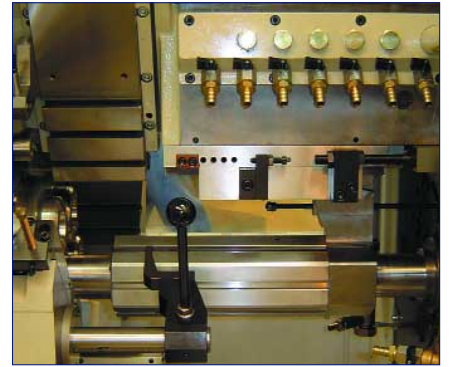
Wickman are happy to customise individual machines to suit the requirements of the client. These include:-

- Spindle stopping
- Spindle positioning
- Logan threading clutches with high torques and low maintenance
- Logan pick-up and brake helping to eliminate lost parts down the swarf conveyor
- CNC cross slides 4 & 5
- CNC pickup
- High pressure coolant
- Many attachments to eliminate 2nd operations

Siemens OP7



- Setter and operator user friendly control panel
- Full diagnostic monitoring of all the integral safety features
- Sparc channels for the fitting of accessories
- Speed programming 500 – 5000 rpm
- Cycle time programming 2,4 – 118 seconds



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Machine technical Specification

Wickman 6-26

Wickman 6-26S

Bar capacity

Diameter	26mm (1,024")
Hexagon (across flats)	21,8mm (0,858")
Square (across flats)	17,8mm (0,701")
Maximum length of bar stock	4000mm (157.5")
Maximum length of bar feed stroke	101,60mm (4,000")

Spindles

Number	6
Speed range Wickman 6-26	500-5000 rpm
Speed range Wickman 6-26S	500-4500 rpm

Cycle times

Range of cycle times	2,4 – 118,10 sec
Idle time	1,1 sec

Main tool block

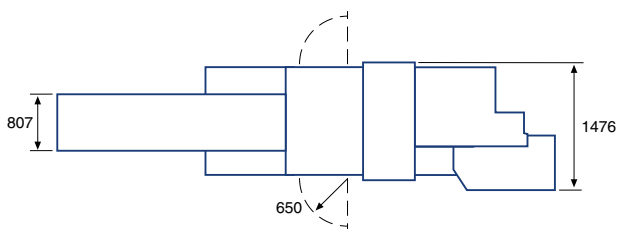
Feed stroke length	0 – 63,5mm (0 – 2,5")
Fast approach stroke	63,5mm (2,5")

Independent longitudinal slides

Number	2
Feed stroke	0 – 63,5mm (0 – 2,5")
Fast approach stroke	63,5mm (2,5")

Cross slides

Number	6
Feed stroke length	0 – 12,70mm (0 – 500")
Fast approach stroke stations	1, 5 & 6 19,05mm (0,750")
Stations	2, 3 & 4 25,40 (1000")



Main Motor

Power output	15kw
Nominal torque	90Nm
Speed	1500rpm

Feed Motor

Nominal torque	21Nm
Maximum torque	40Nm
Maximum speed	1200 rpm

Coolant system

Motor power output	2.2kw
Delivery	350L/min
Coolant capacity	750 litres

Lubrication

Power output	0.37kw
Delivery	5.2 L/min

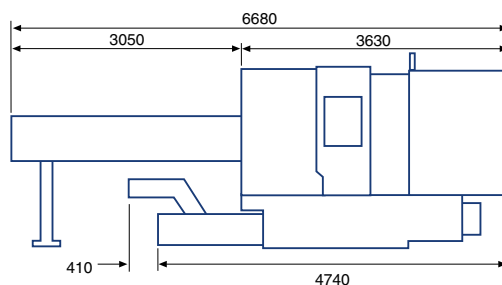
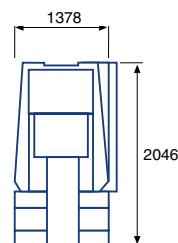
Electrics

Rated voltage in mains to order

Operational power of input of electrical equipment kw/kva 35/41

Machine dimensions

Weight	6,660kg
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Your local distributor





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