

SC-325

Manual lathe

3,000mm between centres

325mm centre height

652mm swing over bed



This manual lathe has great rigidity and great accuracy in its performance.

The whole machine has been built with high quality components and material manufactured to conform to the highest modern standards.

The combination of constant surface speed and electronically variable spindle drive gives the SC a cutting edge performance as one of the best lathes in the market.

A combination of precision, power and durability gives advance features and long-lived performance. The high quality specification of the SC makes it ideal for most toolroom, maintenance and production applications.

Main features

- **Constant power, three range variable speed drive from 30 to 2,800rpm**
- **Ease of use and excellent assistance for high accuracy jobs**
- **High chip removal rate during the roughest of turning operations**



Specification	SC-325	x 3,000
Capacity		
Centre distance	mm	3,000
Centre height	mm	325
Swing over bed	mm	652
Swing over gap	mm	910
Swing over carriage	mm	595
Swing over cross slide	mm	450
Bed width	mm	350
Gap length in front of face plate	mm	220
Head Stock		
Main spindle bore	mm	80
Main spindle nose	Type	A2 - 8 / Camlock No 8
Main spindle morse taper	No	5
No. of speed range	RPM	3 automatic (30 - 1,700)
Speed range	RPM	30 - 1,700
Speed range 1	RPM	30 - 240
Speed range 2	RPM	240 - 630
Speed range 3	RPM	630 - 1,700
Thread & feed box		
Longitudinal feeds	55	0.044 - 1.324
Cross feeds	55	0.020 - 0.592
Metric threads	55	0.5 - 15
Whitworth threads in TPI	55	60 - 2

Specification	SC-325	x 3,000
Modular thread	55	0.25 - 7.5
Pitch diametral threads	55	120 - 4
Threads of lead screw	mm	6
Tail Stock		
Tail stock barrel diameter	mm	95
Tail stock barrel travel	mm	220
Tail stock morse taper	No	5
Slide & Carriage		
Cross slide travel	mm	325
Tool post slide travel	mm	155
Maximum tool dimensions	mm	25 x 25
Steadies		
Min - max capacity of fixed steady	mm	10 - 185
Min - max capacity of travelling steady	mm	10 - 130
Motor		
Main motor power	Kw	7.5
Pump motor power	Kw	0.1
Measures & Weights		
Overall dimensions	mm	4,400 x 1,050 x 1,925
Weight	Kg	3,100
Standards		
Acceptance accuracy	DIN	8605

Standard equipment

- Spindle brake
- Reducing bush
- Two fixed centres
- Thread dial indicator
- Square tool post and key
- Chip collecting tray
- Instruction manual
- Centralised lubrication of carriage, cross slide and chariot
- Coolant equipment
- Rear splash guard
- Chuck guard
- Rigid lead screw guard
- Leveling plates
- Top slide guard
- Chuck guard limit switch
- Emergency stop
- Main switch
- Low voltage lighting
- CE compliant

Optional equipment

- SG iron universal three jaw chuck
- Steel universal four jaw chuck
- Independent four jaw chuck
- Face plate
- Driving plate
- Chuck back plate
- Fixed steady rest
- Follow steady rest
- Steady rest arms with rollers
- Soft starter
- Drill chuck
- Collet chuck & collets
- Rear tool post
- Quick change tool post
- Tool holders for quick change tool post
- Morse taper live centre
- Telescopic taper turning attachment
- Multifix tool post four holders
- Digital readout
- Electrical transformer

Price

All prices quoted by Direct CNC are inclusive of delivery, installation and training - no hidden extras, no last minute charges.

Quality

Direct CNC only works with high quality manufacturers who are ISO9001 accredited.

Performance

Machines supplied by Direct CNC are built to CE standard and come with a three year electrical and mechanical warranty and three years free service.

sales@direct-cnc.com

www.direct-cnc.com

+44 (0) 1909 860041