

CHALLENGER VS LATHE WITH CONSTANT SURFACE SPEED (CSS)

ACU-RITE



STANDARD ACCESSORIES

- 200mm 3-Jaw Chuck
- 200mm 4-Jaw Chuck
- Live Centre
- Fixed Steady
- Travelling Steady
- Coolant System
- Halogen Work Light
- Manual & Parts List
- Accuracy Report
- Camlock Spindle
- 2 Axis Digital Readout

FEATURES CSS SYSTEM

- Prompted by positive input from customers using ACU-RITE highly versatile line of DROs. s.
- When the turning application is active, the IOB 49 makes it possible to machine with a constant Surface speed (CSS). Depending on the position display of the X axis, the spindle speed is controlled via an analog interface.
- CSS ensures that the surface cutting speed is kept constant even when the cutting diameter reduces. The main benefit therefore are consistent cutting efficiency and even finish to the workpiece when facing.

FEATURES

- Removable Swarf Tray
- Variable Speed
- Rigid Construction
- Optional Taper Turning Attachment
- Bed Stop
- Jog Facility

SPECIFICATION

Swing over Bed	360mm
Swing over Support	220mm
Swing in Gap	506mm
Distance between Centers	1000mm
Width of Bed	206mm
Spindle Bore	38mm
Spindle Taper(Internal/External)	MT 5/Camlock D1-4
Spindle Speed Range (Variable)	45-1800rpm
Spindle Speed Range (Variable)	155-3000rpm
Max.Cross Slide Travel	175mm
Max.Compound Slide Travel	95mm
Number of Feeds	42
Longitudinal Feed	0.043-0.653mm.p.r
Threading(Metric)(Number/Range)	42/0.4-7mm
Threading(Imperial)(Number/Range)	28/56-4 TPI
Tailstock Quill Diameter	44mm
Tailstock Taper	MT3
Tailstock Quill Travel	120mm
Main Motor	3.5kw
Weight	900kg
Dimensions	1800x850x1300mm
Stock Code	LAT-CHALL-1000VSC
Price ex vat	£7,645.00

OPTIONAL ACCESSORIES

1		2		3		4		5		6		7		8	
	Live centre MT3		Backplate 200mm		5/8" Indexable Lathe Tools		160mm 4-Jaw Self Centring Chuck		Soft Jaws for 160mm 3-Jaw Chuck		Quick Change Toolpost + 5 Holders		Drill Chuck & Arbor 1-13mm		Vertical Slide