

Machine Specification

	Harrison Alpha 1460XS
Height of centres	230mm
Distance between centres	1500mm
Swing over bed	460mm
Swing in gap	730mm
Gap width from face plate	216mm
Swing over cross-slide	270mm
Spindle bore	78mm
Spindle nose	Camlock D1-8
Spindle centre height from floor	1145mm
Taper in Nose bush	No.5 MT
Spindle speed ranges	(1-247 rpm) (1-740 rpm) (1-2200 rpm)
Spindle motor S3 - 40%	11kW (10.0 hp)
Constant power range	71 - 2200
X-axis Working Stroke	296mm
X-axis Thrust (@ stall torque)	5.97kN
X-axis Programmed rapid traverse rate (G00)	8m/min
X-axis Manual mode traverse rate (jog)	3m/min
X-axis CNC rapid traverse rate (jog)	2m/min
X-axis Maximum programmed feedrate	7750 mm/min
Z-axis Working Stroke	1530mm
Z-axis Thrust (@ stall torque)	12.53kN
Z-axis Programmed rapid traverse rate (G00)	10m/min
Z-axis Manual mode traverse rate (jog)	6m/min
Z-axis CNC rapid traverse rate (jog)	2m/min
Z-axis Maximum programmed feedrate	7750 mm/min
Type of Threads	Metric, Imperial, Diametral, Module
Width over bed ways	400mm
Width of cross-slide	204mm
Cross-slide travel	310mm
Tailstock quill diameter	95mm
Tailstock quill travel	145mm
Tailstock quill taper quill	No.6 MT
Standard Electrics	400V AC + 10%/-15% 50/60Hz
Electrical supply required	15 kVA

Harrison Alpha 1460XS lathes uk

Standard Equipment

Manually operated tailstock

315mm (12") dia. 3-Jaw geared scroll, super precision, self centering chuck

Quick Change Toolpost with 4 Standard, 1 Vee & 1 No. 3 MT Holders and 2 Wrenches for height stop and clamp adjustment
Electrically interlocked chuck guard
Fully enclosed interlocked guarding
Independent sliding operators console
300100 - Machine Lighting
29010L - Standard Electric Coolant Pump, Tank, Hose & fittings
11011A - Machine Toolbox Comprising :- Centre Bush, No 5 MT Centre, No 6 MT Centre, 27mm x 30mm Spanner, Set of Metric Wrenches, Grease Gun
Automatic Slideway & Ballscrew Lubrication
Swarf tray (Roll-out)
Operation & Spare Parts Manual. Accuracy chart
Fanuc OiTD Controller with integrated 10.4" Colour Touch LCD & Separate MDI Keypad
Operation Modes :- Alpha, ISO, AlphaLink (CAD/CAM) and Manual Guide i
AlphaLink for Windows (fast download) software, complete with approx. 5M. of RS232 cable
Hands on Tutorial & Quick reference Guide booklets

Harrison Alpha 1460XS Lathe

Image shown - Harrison Alpha 1550XS x 2000mm

[Harrison Alpha 460Plus Gap Bed Centre Lathe](#)

https://www.rk-int.com/machine/harrison_2800xs/