

# Multi Axis Mill



Integrated Solutions  
to Piping Problems

A highly versatile, robust,  
low maintenance portable  
machine tool.



## Typical Applications

Motor Base Pad Milling  
Injection Grooves  
Turbine Casings  
Drilling and Boring  
Stock Metal Removal

## Multi Axis Mill



Boxed ready for despatch

The Silk Multi Axis is based around a ridged cast iron bedway. This bedway is available in two modular lengths with, at the time of ordering, the option of machining any two of these lengths together, giving a maximum of 4.0 metres.

Pneumatic or hydraulic motors along with "power packs" are also available.

The X axis has a power fed leadscrew with variable feed rate. The Y and Z axis are manually operated with graduated, detachable handwheels. A 180 swivel head makes the machine very versatile for milling from both sides of the bedway.

Built into the cutter head is a two speed gearbox, variable by adjusting the flow to the motor. It has an upper and lower mounting position, as well as the manual leadscrew feed facility.

Sturdy adjustable taper roller bearings ensure maximum stability during operation. Once positioned this machine is easily set up and levelled, using shims or adjusting screws. Mounting plates can also be designed and manufactured to suit your application.

### Quality

All Furmanite Silk Engineering activities are conducted in strict conformance to the ISO9001 quality system.

### Silk Design Department

All Silk machines are used by our on-site service technicians and over the years, we have modified and designed attachments to enable the Silk range of machine tools to undertake many specialist applications. Can we help you? Comprehensive CAD facilities operated by qualified design engineers and experienced project engineers are able to meet your exact requirements.

## Features

- Hydraulic or Pneumatic Drive Motors
- Automatic Variable Feed
- 3 Axis Movement with 180° Swivel Head
- 40 Int. Taper
- Variable 2 Speed Milling Head
- Flatness Tolerance/Surface Finish
- Tooling and Trouble Shooting Service
- Full Spares and Service Support
- Application and Modification Service

## Specifications

	1.5 Length	2.0 Length	
Weight of Machine	402kg	477kg	
Shipping Weight (Gross)	512kg	600kg	
Working Length	1,854mm (73")	2,362mm (93")	
Cutter Speeds	Air up to 390rpm Hydraulic up to 540rpm		
Feed Rates	0 - 260mm per minute		
Travel	X Axis	1,270mm (50")	1,770mm (69.6")
	Y Axis	289mm (11.4")	289mm (11.4")
	Z Axis	177mm (7")	177mm (7")