

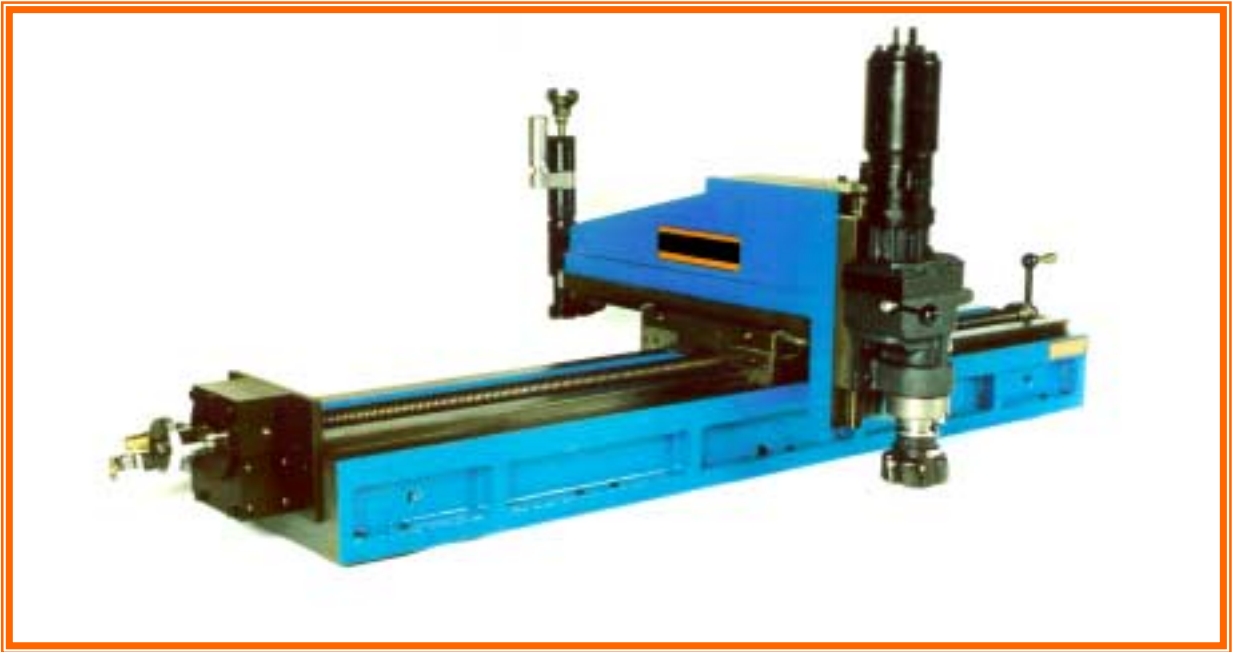


GLOBAL

MACHINE TECHNOLOGY



THE SILK MULTI AXIS MILLING MACHINE



Portable milling machines of sturdy design for on-site milling applications. Suitable for use on motor base pads, injection grooves, turbine casings, drilling and boring and stock metal removal. Three milling lengths of 60" (1524mm), 78" (1981mm) and 98" (2489mm) are available with optional combination lengths to 156" (3962mm).

FEATURES

- 3 Axis of machining capability
- 180° rotation of milling arm
- Two speed milling head
- Multiple drive supplies
- Digital Readouts
- Manual & power feeds

MACHINE DESCRIPTION

The Silk Multi Axis Mill is designed to provide a portable milling machine for on-site milling applications, also suitable for drilling, tapping, and boring. Pneumatic, electric, and hydraulic drives are the standard.

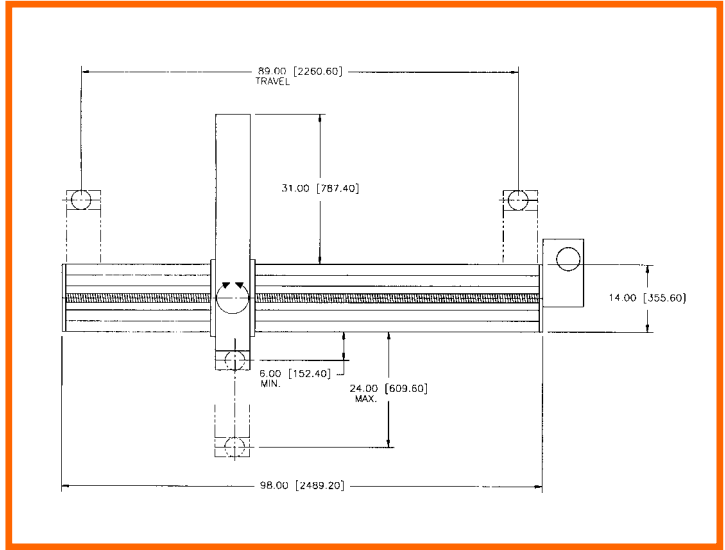
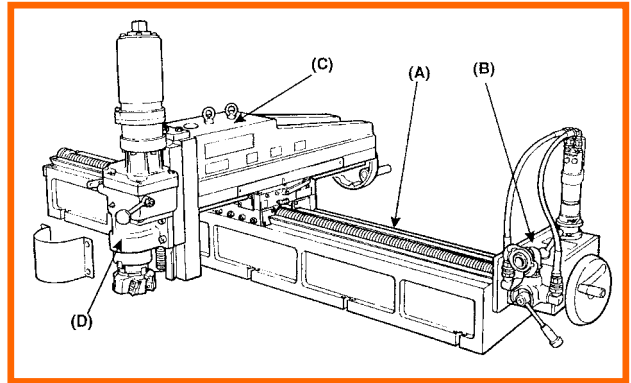
- A.) Milling rail assembly
- B.) Feed box assembly
- C.) Overarm rail assembly
- D.) Milling head assembly

The machine is based around a ridged cast iron bed that is provided in three sizes 5.0' (1.5M), 6.5' (2.0M) and 8.0' (2.5M). Optional bed combinations are also available by combining 5.0' (1.5M) and 6.5' (2.0M) lengths.

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

Built into the cutter head is a two speed gearbox with selector arm for variable spindle speeds. Taper roller bearings ensure maximum stability during operation. Once positioned this machine is easily set up and leveled, using shims or adjustable screws.

This machine like other Silk manufactured goods are conducted in strict conformance to the ISO 9001 quality system.



Dimensional Data for 8.0ft. Mill



Two Speed (TEP) Milling head

Specifications

Bed Lengths

	5.0ft. (1.5M)	6.5ft. (2.0M)	8.0ft. (2.5M)
Weight of Machine	1126lbs. (512kg)	1320lbs. (600kg)	1670lbs. (759kg)
Overall Length	73" (1854mm)	93" (2362mm)	105" (2667mm)
Width of Bed	11.8" (300mm)	11.8" (300mm)	14" (356mm)
Overall Width	38" (965mm)	38" (965mm)	50" (1270mm)
Overall Height	32" (810mm)	32" (810mm)	32" (810mm)
Cutter Speeds (Two speed gear ratio)			
Air	Position 1 up to 280RPM	Position 2 up to 392RPM	
Hydraulic	Position 1 up to 385RPM	Position 2 up to 539RPM	
Feed Rates:	X & Y axis Hydraulic, Air, or Electric driven. Z axis manual. 0 – 10" / min. (0 – 260mm / min.)		
Machining Range:			
X axis	50" (1.27M)	70" (1.77M)	89" (2261mm)
Y axis	12" (289mm)	12" (289mm)	24" (610mm)
Z axis	7.0" (177mm)	7.0" (177mm)	7.0" (177mm)

15hp Hydraulic Units available upon request.

For further details contact:



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