



Silk AX48120 Flange Facing Machine

I/D Mounted Flange Facer

This is one of the largest internally mounted machine in our range.

It can mount inside flanges having 1219mm (48") bores and can machine out to over 3048mm (120") in diameter.

The machine may also be surface mounted, where it is commonly used for crane pedestal and tube sheet refurbishment work.

Like all SILK machines, it is of modular design and operates easily in any orientation.

The standard bore mounting base has eight ram type jaw assemblies, four of which have unique levelling device attachments used to assist with the setting-up operations.

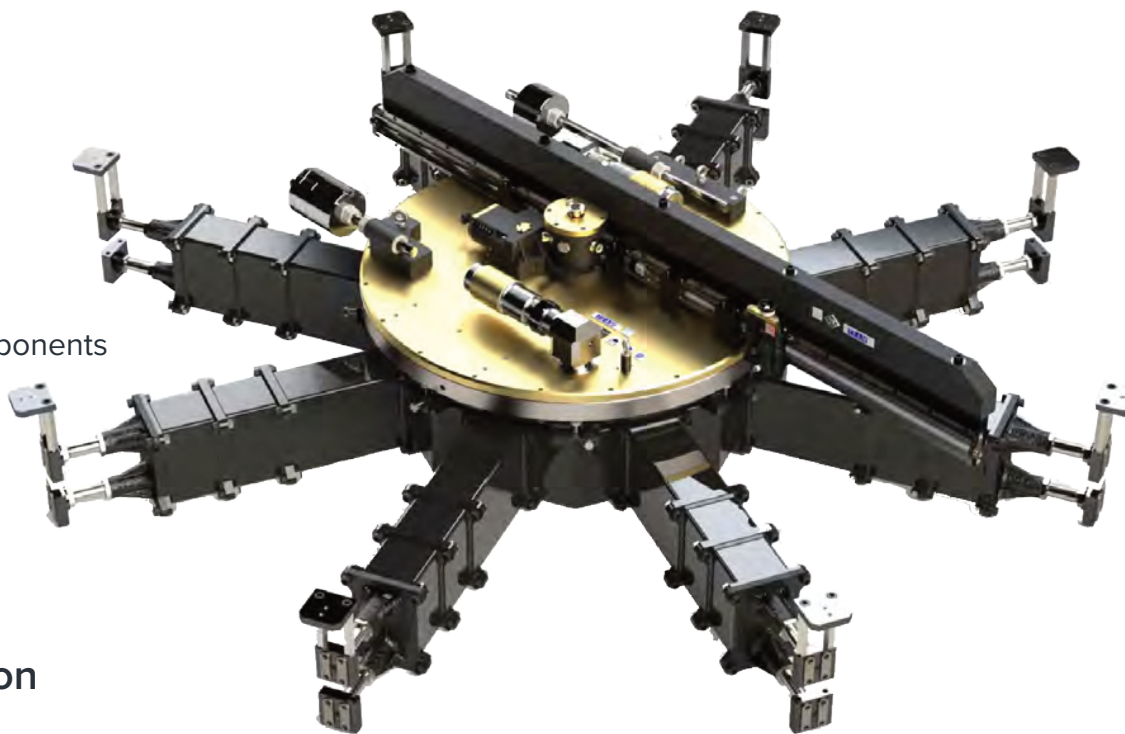
Power is provided by two 3kW (4hp) pneumatic motors which produce high torque and maximum cutting power.

The same continuous feed gearbox utilized on the AX 2872, AX 1445 and FXB630 machines minimizes the need for spare parts.

Optional extras include a hydraulic drive conversion kit, tube sheet mounting and machining kits, grinding and milling kits and an outside diameter mounting kit.

Machine Features

- Automatic feed
- Ergonomically designed
- Range 48" to 120"
(1219.2mm to 3048.0mm)
- Robust and durable components
- Quick set-up



Equipment Description

The AX48-120 Flange Facing Machine is designed to machine full face, raised face and grooved flanges from 1220mm to 3048mm (48" to 120") in diameter at any location having a minimum pneumatic air supply of 5.8 m³/m at 6 bar (205 cfm, 90 psi)

The machine can achieve a variety of surface finishes from 6.3 µm RA to 1.6 µm RA when turning and 1.6µm RA to 0.8µm RA when polishing. The machine can also produce a gramophone' finish, 'O' ring grooves, and 'V' grooves



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Specifications

Facing Range

Minimum Diameter	1220.0mm	48.0"
Maximum Diameter	3048.0mm	120.0"

Clamping Range

Minimum Diameter	1308.0mm	51.5"
Maximum Diameter	3048.0mm	120.0"

Technical Details

Minimum Rotational Diameter	2300.0mm	90.6"
Maximum Rotational Diameter	3125.0mm	123.0"
Machine Height Above Flange	695.0mm	27.4"
Toolpost Travel	40.0mm	1.6"
Recommended Air Supply	6 Bar @ 2.9m ³ /min	87psi @ 102.0cfm
Noise Emission (Sound Power Level)	94dB(A)	

Feed Positions / Rates

1	0.18mm	0.007"
2	0.25mm	0.010"
3	0.46mm	0.018"
4	0.84mm	0.033"

Weights

Machine Weight	681.0kg	1501.0lbs
Base Weight	671.0kg	1479.0lbs
Machine Transportation Weight	935.0kg	2061.0lbs
Base Transportation Weight	835.0kg	1840.0lbs

Transport Dimensions

Length	2500.0mm	98.0"
Width	1400.0mm	55.0"
Height	700.0mm	28.0"

Base Transport Dimensions

Length	1400.0mm	55.0"
Width	1400.0mm	55.0"
Height	900.0mm	35.0"

Optional Extras

- Tube Sheet Machining Kit
- Tube Sheet Mounting Kit
- Fall Stop Kit
- 2 Years Recommended Spares Kit
- Toolkit
- Pneumatic Safety Unit (PSU)