



Silk AX321 Flange Facing Machine

I/D Mounted Flange Facer

At 26.5kg (58lbs), the AX3-21 is the lightest internally mounted flange facing machine

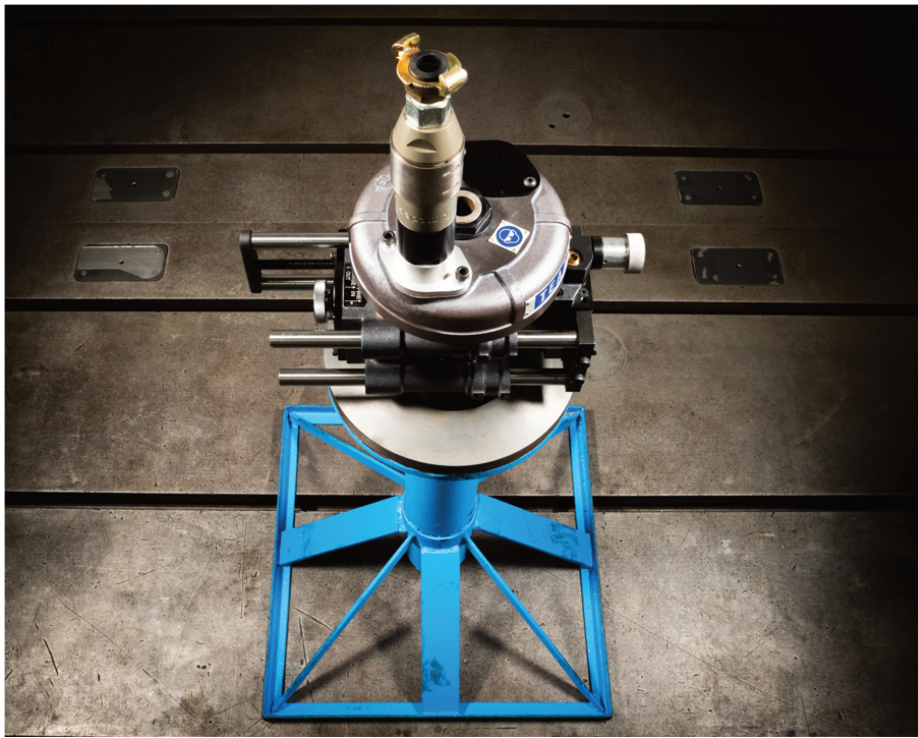
At 26.5kg (58lbs), the AX3-21 is the lightest internally mounted flange facing machine in the range. It is bore mounted and covers a range of flanges from 75mm (3") internal diameter to 533mm (21") external diameter.

Depending on the flange bore size, rapid and effective internal mounting is achieved through a unique system of collets, or by a spigot base for the larger diameters.

The cutting tool feed assembly consists of four rails and a crosshead with a swivelling tool post that are supported by precision linear bearings, providing both rigidity and extreme accuracy.

The feed gearbox provides two cutting tool feed rates and is supplied with an additional lead screw to provide a total of four feeds.

The machine is driven by a 0.8kW (1.1hp) pneumatic motor mounted either vertically or horizontally if space is restricted.



Machine Features

- Automatic feed
- Ergonomically designed
- Range 3" to 21" (76.2mm to 533.4mm)
- Robust and durable components
- Quick set-up





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Specifications

Facing Range

Minimum Diameter	76.2mm	3.0"
Maximum Diameter	533.4mm	21.0"

Clamping Range

Small Collet	75-100mm	3.0-4.0"
Medium Collet	100-125mm	4.0-5.0"
Large Collet	125-150mm	5.0-6.0"
Spigot Base	100-250mm	4.0-10"

Technical Details

Minimum Rotational Diameter	482.0mm	19.0"
Maximum Rotational Diameter	550.0mm	21.65"
Machine Height Above Flange	450.0mm	17.7"
Toolpost Travel	63.5mm	2.5"
Recommended Air Supply	6 Bar @ 1.6m ³ /min	87psi @ 56.0cfm
Noise Emission (Sound Power Level)	99dB(A)	

Feed Positions / Rates

In	0.16mm	0.006"
Out	0.25mm	0.010"

Weights

Machine Weight	31.0kg	68.0lbs
Transportation Weight	75.0kg	165.0lbs

Transport Dimensions

Length	590.0mm	23.2"
Width	520.0mm	20.5"
Height	620.0mm	24.4"

Optional Extras

- Extension Base for 6" or 10" Bore
- Right Angled Drive Adaptor
- Spigot Base Assembly
- 2 Years Recommended Spares Kit
- Toolkit
- Pneumatic Safety Unit (PSU)

