SILK[®] Portable Machine Tools

AX3-21 Flange Facer





I/D Mounted Flange Facer AX3-21 Machine



Mactech is a valued reseller and exclusive distributing agent for Silk machines in North and South America

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 swiveling 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:

- + Range 3" to 21" (76.2mm to 533.4mm)
- + Proven durability over many decades
- + Automatic feed
- + Ergonomically designed
- Quick set-up



MACHINE:	
AX3-21 Flange Facing Machine	Part No.: FMG55-599-000184

OPTIONAL EXTRAS:	
Extension Base for 6" or 10" Bore	Part No.: KIT01-599-000053
Right Angled Drive Adapter	Part No.: KIT01-599-000051
Spigot Base Assembly	Part No.: KIT01-599-000043
2 Years Recommended Spares Kit	Part No.: KIT01-599-000005
Toolkit	Part No.: KIT01-599-000130
Pneumatic Safety Unit (PSU)	Part No.: KIT01-599-000132

All dimensions and hydraulic requirements are for reference and may be subject to change without notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a Mactech sales representative. All information given and all sales made by Mactech Inc. are subject to their terms and conditions.

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OPERATING DIMENSIONS:

FACING RANGE:			
Minimum Diameter	76.2mm	3"	
Maximum Diameter	533.4mm	21"	

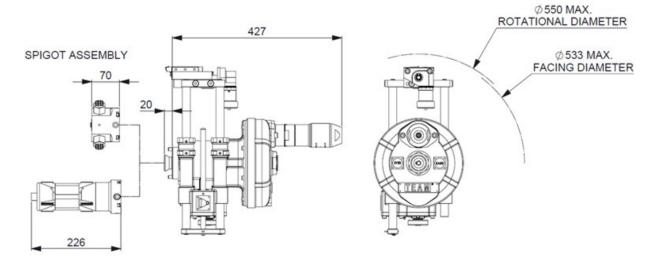
CLAMPING RANGE:			
Small Collet	3-4"		
Medium Collet	100-125mm	4-5"	
Large Collet	125-150mm	5-6"	
Spigot Base	100-250mm	4-10"	

RATIONAL CLEARANCE:			
Minimum Diameter	482mm	19"	
Maximum Diameter	550mm	21.65"	
Machine Height Above Flange	450mm	17.7"	
Toolpost Travel	63.5mm 2.5"		
Recommended Air Supply	6Bar @ 1.6m³/min 56cfm @ 87psi		
Noise Emission (Sound Power Level)	99dB(A)		

FEED RATES / POSITION:			
IN	0.16mm	0.006"	
OUT	.25mm	0.010"	

WEIGHTS:			
Machine Weight	31kg	68lbs	
Recommended Air Supply	75kg	165lbs	

TRANSPORTATION DIMENSIONS:					
Length Width		dth	Height		
590mm	23.2"	520mm	20.5"	620mm	24.4"



COLLET ASSEMBLY