

SILK[®] Portable Machine Tools

AX3-21 Flange Facer

MACTECH



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.

MACTECH INC.
4079 PEPIN AVE UNIT 4
RED WING MN 55066
800-328-1488
INFO@MACTECHONSITE.COM

MACTECH OFFSHORE
302 IDA ROAD
BROUSSARD LA 70518
337-839-2793
INFO@MACTECHOFFSHORE.COM

MACTECH KENTUCKY
3880 INDUSTRIAL DRIVE
PADUCAH KY 42001
270-442-1559
INFO@MACTECHONSITE.COM

MACTECH WISCONSIN
2515 CLEVELAND AVE
MARINETTE WI 54143
800-328-1488
INFO@MACTECHONSITE.COM

MACTECH INTERNATIONAL
CONTACT US FROM ANYWHERE
AROUND THE WORLD
337-839-2793
INFO@MACTECHOFFSHORE.COM

WORK HARD

WORK SAFE

WE BEFORE ME

WELCOME CHALLENGES

WOW THEM

OPERATING DIMENSIONS:**FACING RANGE:**

Minimum Diameter	76.2mm	3"
Maximum Diameter	533.4mm	21"

CLAMPING RANGE:

Small Collet	75-100mm	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		Height	
590mm	23.2"	520mm	20.5"	620mm	24.4"

