

# J500i

Flange Facer (50-500mm / 2"-20")

## Operational Benefits

- ✓ Linear ball guideways & ballscrew
- ✓ Facing with continuous groove (8 feeds)
- ✓ Boring with continuous groove (8 feeds)
- ✓ Toolpost 360° swivel power feed
- ✓ RTJ 'V' grooves & weld preps\*\*
- ✓ Lens ring joints & ring joints\*\*
- ✓ Finishes from 0.6µm - 0.8µm (facing)
- ✓ 0.25µm - 32µm (boring)

\*\* All under power feed (No additional kits required)

Designed for different industries

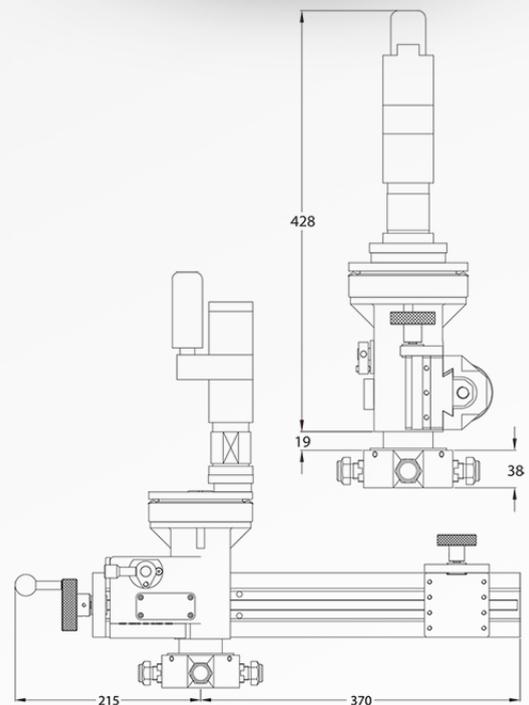


## Technical Specifications

|            |                                       |                                  |
|------------|---------------------------------------|----------------------------------|
| Range      | Minimum facing diameter               | 50mm (2")                        |
|            | Maximum facing diameter               | 500mm (20")                      |
|            | Minimum clamping diameter             | 50mm (2")                        |
|            | Maximum clamping diameter             | 500mm (20")                      |
| Drive      | Toolpost travel                       | 50mm (2")                        |
|            | Pneumatic @ 90psi (6bar)              | 0.9hP (0.63Kw)                   |
|            | Air consumption / supply required     | 42 cfm (1.19m3/m) @ 90psi (6bar) |
| Feed Rates | RPM                                   | 20 minimum to 42 maximum         |
|            | Facing feeds (1.00mm pitch leadscrew) | 0.06 - 0.24mm (fine-coarse)      |
|            | Facing feeds (1.25mm pitch leadscrew) | 0.08 - 0.32mm (fine-coarse)      |
| Weight     | Facing feeds (1.75mm pitch leadscrew) | 0.12 - 0.48mm (fine-coarse)      |
|            | Machine weight                        | 15kg (33lb)                      |
|            | Shipping weight                       | 55kg (121lb)                     |
|            | Shipping dimensions (L x W x H)       | 65x65x25cm (25"x25"x10")         |

## Features

The J500i flange facer is an internally mounted machine with lightweight but durable construction for all types of flange facing, seal groove machining and boring. This facer has a two feed gearbox system which gives continuous power feeds. The base has a 4-jaws independent clamp for quick setting and also 3-jaws self-centering collet system for diameter up to 150mm.



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