



Short Magazine Servo Barfeed

**MSV80**

## MSV80

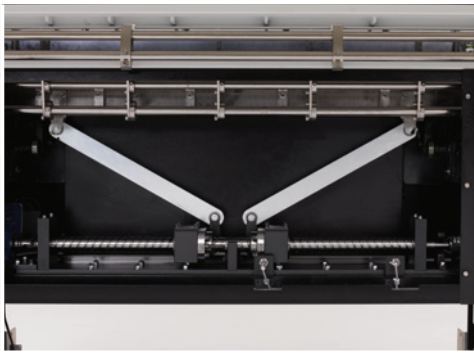
The MSV80 is a full servo-driven Barfeed eliminating the need for compressed air

Unrivalled performance and accuracy, with a user friendly set-up, providing the solution for increased productivity from your machine tool

### Standard Features

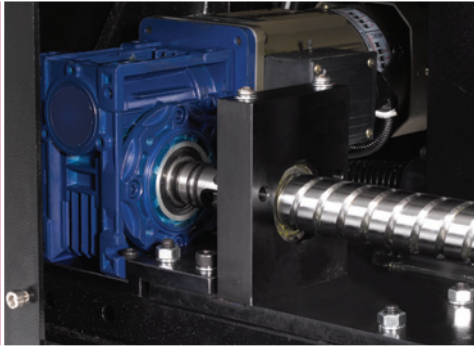
- Complete servo control on all axis
- 100 part programme storage
- Precision ground servo-driven ball screw
- Standard bar diameter range 5 to 80 mm
- Bar position accuracy to 0.1 mm
- Bar length measurement
- Random bar lengths accepted
- Barfeed or shaft load
- Push-rod backstop facility
- Quick and easy set up
- User friendly HMI screen
- CE Certified
- 1 year guarantee





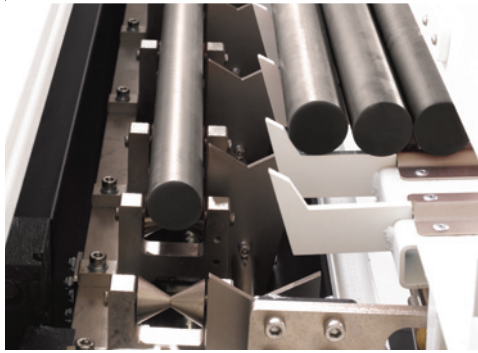
#### Operator HMI screen

Operator enters work piece details in a fast and simple method resulting in minimum changeover time between jobs



#### Internal light

Giving increased visibility during set-up



#### Precision ground servo-driven ball screw

Accuracy of bar positioning is achieved by the use of a precision ground ball screw

The robust quality of both ball screw and gearbox provide reliable, accurate barfeeding to the machine tool



### Standard

#### Bar Loading mechanism

Bars are 'soft' loaded from the storage magazine onto rollers, providing minimum friction and the ability to load bars of an irregular shape or rough surface finish.

#### Operator HMI screen

All values are entered using the HMI screen. The production information is stored, so changeover times are simply a case of entering alternative bar diameters.

#### Bar storage magazine

Standard depth of 0.6 metres with simple gradient adjustment. This can be fitted to either front or rear of Barfeed.

#### Floor mounted sliding rails

The MSV80 is fixed to floor mounted sliding rails. Once it has been moved from the home position the machine tool can be accessed safely.

#### The MSV80 package includes:

Liner system, delivery, installation and training with full after sales support.

### Options

#### Bar Support Unit

For bars longer than the headstock, we can supply a Bar Support Unit which safely confines any bar length that may be longer than the lathe headstock length (to a maximum length of 1.55 metres).

#### Increased bar diameter

We are able to offer increased bar diameter up to 102 mm for most barfeeding applications.

#### Multi-stacker – increased bar storage

In order to maximize unmanned working periods, we can supply a Multi-stacker. The bar storage capacity is increased so that multi-layers of bar are accommodated.

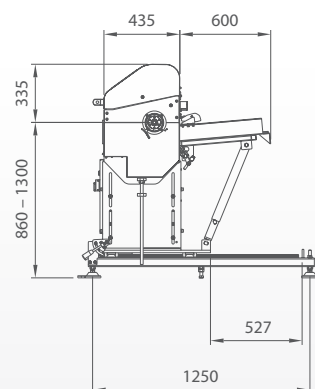
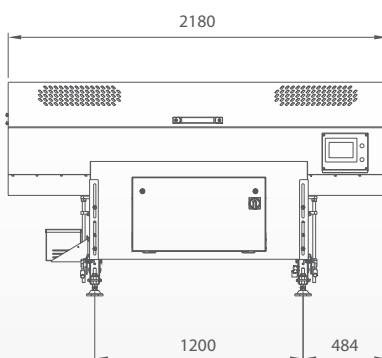
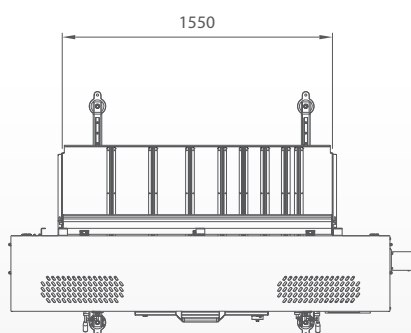
## Short Magazine Servo Barfeed

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### Technical Specifications

Bar diameter	5-80mm
Bar length*	200-1550mm
Magazine capacity	600mm
Magazine	Front or rear
Drive	Servo motor
Height range	860mm to 1300mm
Weight	550kgs
Voltage	230/415v max

\* For bars longer than headstock length a Bar Support Unit is required



All dimensions shown are in millimetres