

Full Length Magazine Barfeed

X-Files-s

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The X-Files-s full length magazine Barfeed is suitable for fixed-head CNC turning centres and has a standard bar diameter range from 10mm to 100mm

Using the touchscreen PLC, operators can change bar diameter settings in seconds

An innovative self-adjusting guide channel means that no additional guide channel sets are required

Standard Features

- Available in standard bar length capacities of 2.1, 3.2, 4.1 and 6.1 metres
- Random bar lengths accepted
- Suitable for hexagon, tubing and irregular shaped bars
- Single self-adjusting guide channel set covering the full range of bars
- Z axis movement of 600mm
- Bar remnant extraction, front or rear
- Single rack magazine 300mm deep (other options available)
- Quick and easy set up
- User friendly HMI screen
- CE Certified
- 1 year guarantee





Touchscreen PLC

An easy to use touchscreen PLC enables the operator to change bar diameter settings in seconds



Self-adjusting guide channel

The self-adjusting guide channel supports the full range of bar diameters



Bar storage options

The standard magazine depth for bar storage is 300mm

Floor loading options are available for increased bar capacity



Maximum stability

A robust Barfeed providing maximum stability that supports the bar at a high RPM



Sliding rail system

Z axis movement of 600mm provides clear access to the machine tool when required

Features

Touchscreen PLC

The X-Files-s Barfeed is managed by a touchscreen PLC interfaced with a brushless motor and a digital pneumatic valve system which fully automates the Barfeed. Simple commands allow operators to change bar diameters in seconds.

Self-Adjusting Guide Channel

The robust build of the X-Files-s coupled with a series of self-adjusting guide channels ensures bars are safely and adequately supported with no compromise to the RPM of the lathe. Made from vulcanized rubber, the self-adjusting guide channel is managed by the PLC, supporting and guiding the bar into the lathe.

Maximum stability

A heavy duty Barfeed that provides more stability for bars running at a high RPM than any other comparable Barfeed.

Sliding rail system

The X-Files-s is fitted with a floor mounted sliding rail that provides Z axis movement of 600mm when necessary maintenance to the lathe is required.

Remnant extraction

The X-Files-s offers two standard options for remnant management. Either rear extraction back into the Barfeed or front ejection into the CNC turning centre.

The X-Files-s package includes:

- Delivery
- Installation by Hydrafeed engineers
- Training
- Full after-sales support from the Hydrafeed support team

Options

Floor loading

The X-Files-s can be equipped with 3 different floor loading bar storage systems:

1. Multi-level magazine - 3 different levels each with 300mm capacity
2. 700mm deep floor-mounted magazine with access for forklift loading
3. For extra-large capacity, a bundle loader to use with forklift loading

Front mounted external steady block

Providing additional stability for smaller diameter bars.

Steady block for hexagons

The X-Files-s can be equipped with a dedicated steady block that enables a stronger grip for hexagon bars.

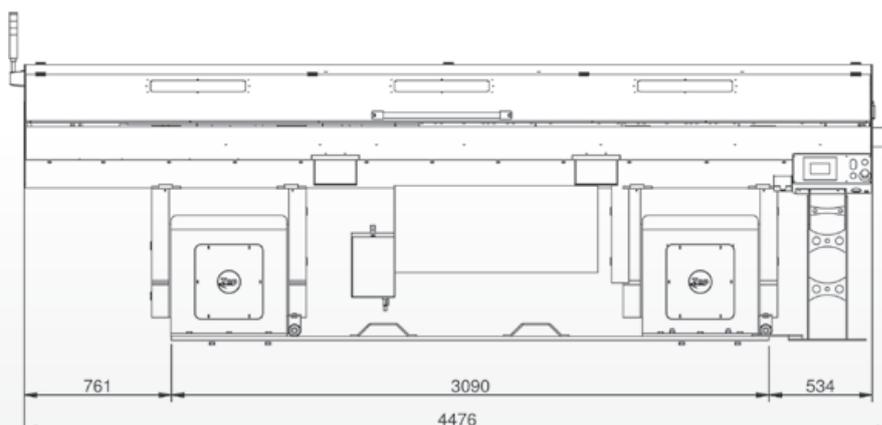
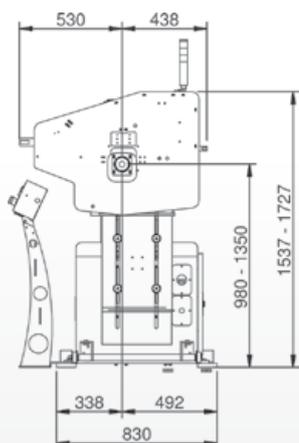
For additional and bespoke options please contact the Hydrafeed support team

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Technical Specifications

Bar Diameter Range	Min Ø 10mm – Max Ø 100mm
Operating Voltage	230 V; 50 Hz Three Phase
Feeding Speed	0 – 627 mm/second
Guide Channel Lubricant	ISO VG 100
Required Air Pressure	8 bar
Weight	2,200kg – 2,500kg
Maximum Bar Length	2.1m, 3.2m, 4.1m, 6.1m



All dimensions shown are in millimetres



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