



CARICATORI AUTOMATICI DI BARRE

AUTOMATIC BAR LOADERS

Automatic bar loader

FOR FIXED AND SLIDING HEAD LATHES

Model MONO



New technological solution developed by Cucchi Giovanni for feeding fixed and sliding head lathes



New rotating bar centering device, adaptable to different diameters. The guide channel is lubricated by recirculation of the same emulsion/oil used by the lathe



320 mm internal bar magazine with surface projecting from the loader for continuous bar feed, without excessive force



Bar diameters from Ø 3 up to Ø 20-32-42; Useful bar length (max) 3300/4100 mm; Different lengths on request

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Model MONO

BAR HOLD/SUPPORT

The bars are supported and guided, inside the loader, by lubricated polyurethane guide channel. This guide channel is composed of sections with a quick-coupling and pneumatic closing system and opening sequentially with bar feed.

With our new system, the guide channel is lubricated by recirculation of the same emulsion/oil used by the lathe.

LOADABLE BAR DIAMETERS

This can range from 3 mm up to 42 mm, depending on the model.

BAR LENGTH (max)

Standard 3300, 4100 mm. Different lengths on request.

BAR CENTERING DEVICE

New rotating bar centering device.

BAR MAGAZINE

The internal bar magazine is an inclined plane, projecting outside from the upper part of the bar loader. This bar storage offers 320mm in width capacity. Furthermore, there is a setting that allows to rapidly pick up each single bar from the magazine.

BAR INSERTION INTO THE SPINDLE

Bar movement by brushless motor with gearmotor equipped with electronic synchronisation axis for position self-learning.

Self-centering bar extractor/pusher, in the collet of the loader.

ELECTRONIC CONTROL SYSTEM

Electronic control system with 4.0 technology.

Siemens PLC and color touch panel.

DIMENSIONS

Reduced overall dimensions thanks to the double bar feed system.

ACCESSORIES

Possibility to install toolholders inside the loader.

