

CMC AUTOMATIC MEASUREMENT AND CUTTING CARRIAGE

AUTOMATED EQUIPMENT WITH CONTROLLER BY PROGRAMMER

The CMC measurement and cutting carriages are automated devices which are controlled by a programmer. Through just one hydraulic unit and with the help of an operator, they pull, measure, cut and classify steel bars. Said bars are subsequently distributed, by electromechanical movement, onto different transport tables or directly onto bending lines.

- High outputs with potential production of up to 3600 tonnes/month.
- Cutting capacity: 40 mm.
- Minimum maintenance.
- Rollers covered with polyurethane to reduce the noise of the falling of the bars.
- Blades with 8 interchangeable cutting edges.
- 100% manufacturing process is completed at our own facilities, which allows us to maximize the quality and service life of the product.



SYSTEMS

BAR FEEDING

Once the carriage is situated in front of the store where the bars are going to be elaborated, the operator must place the bars he wants to cut into the feed opening.

BAR HAULING

- CMC 25 - 4 driving-rollers.
- CMC 32 et CMC 40 - 6 driving-rollers, 2 of them motor-operated. 2 hydraulic drums clamp the bars.

BAR MEASUREMENT

With an incremental encoder with a resolution of ± 1 mm.

CUT

Hydraulic, with fixed and moveable blades of 8 cutting edges each one. There are inductive detectors that control the position of the blades.

RELEASE

Of the seared bars with an hydraulic operation.

OPERATION OF THE ROUTE/3 ROUTES

- CMC 25 - with 1 route.
- CMC 32 & CMC 40 - with 3 routes. With motor-operated rollers, of electromechanical drive. The rollers are polyurethane-coated (max. acoustic level when the bars fall onto it 100 dB).

TRAVERSE OF THE CARRIAGE

On 2 routes, with electromechanical drive:

- CMC 25 - 2 routes placed at 6 m.
- CMC 32 & CMC 40 - 2 routes placed at 9 m.

CUTTING PROGRAMME

With assisted programming on the LCD liquid crystal screen. Capacity of 9 cutting programs, with 6 access screens.

OPTIONAL (CMC 32 & CMC 40)

With conveyer for cutted bars to be classified on 3, 6 or 9 areas for complet elements.