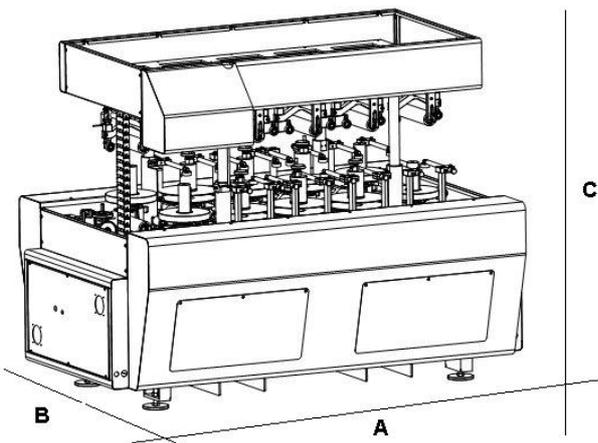


**BLOK T2**



Roll-forming machine with controlled axis positioning



| A(mm) | B(mm) | C(mm) | Kg    |
|-------|-------|-------|-------|
| 2.665 | 1.700 | 2.175 | 4.000 |

### Technical characteristics:

This process consists of clamping the upper and lower alu-profiles and the strips through gradual tightening of the motor rollers on the profile alu-teeth.

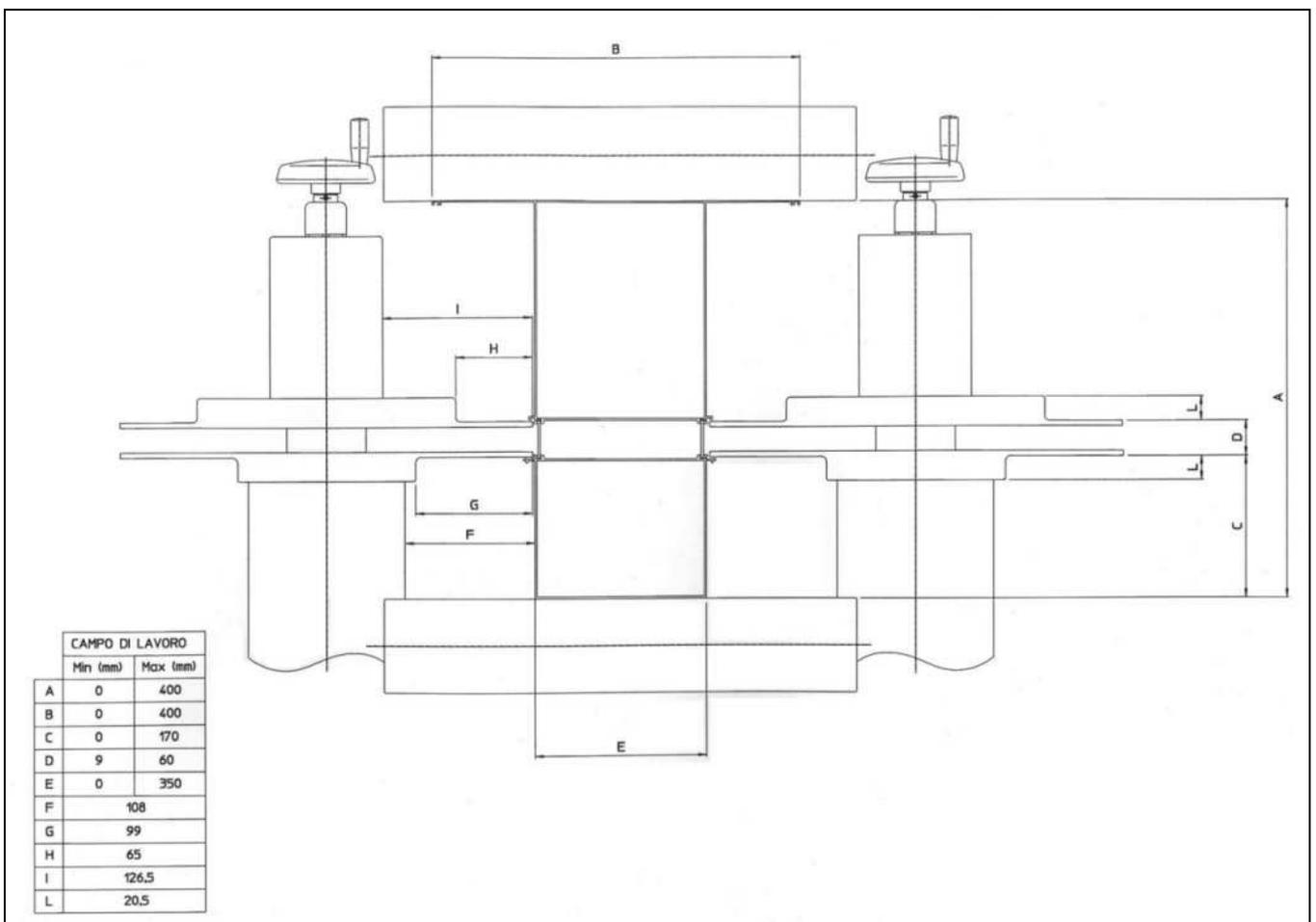
- Bar advance power: 6.6Kw - 9HP
- Diameter of pressure rollers: 250mm - 350mm
- Feeding speed with Ø350 rollers: from 10 m/ min' to 140 m/min'
- Feeding speed with Ø250 rollers: from 7 m/ min' to 100 m/ min'
- Reversible machining speed
- The machine is equipped with 19 numerically controlled axes
- Integral traction. The six pressure rollers are driven independently to guarantee a more uniform speed for the bar being machined
- The pressure rollers rotate on precision conical roller bearings
- Pressure rollers advance on linear guide-ways and recirculating ball screws
- Pressure rollers with controlled advance and raising
- Controlled positioning of vertical and horizontal guide rollers at machine in-feed
- Controlled positioning of correction rollers at machine out-feed
- Adjustable height on each axis between the pressure rollers
- Adjustable guide rollers on all four profile faces (upper, lower, sides) and intermediate between the pressure rollers
- All guide rollers are quick released to leave ample scope for customised applications
- Machine already set up for the addition of customised pressure rollers
- Centralised lubrication for raising pressure rollers
- Control of vertical and horizontal shearing strain of the bar
- Constant control of clamping pressure
- Uniform pressure on the entire bar
- Separated control console with option of location on any side of the machine to suit the customer's loading needs
- Remote control to aid in positioning the machine for new profiles
- Guided operator interface

Possibility of memorising the machining data for each profile containing, specifically:

- Profile dimensions
- The minimum and maximum tolerances allowed for pressure
- The minimum and maximum tolerances allowed for any eventual horizontal bar deformation, detected by control devices at the machine out-feed.
- The minimum and maximum tolerances allowed for any eventual vertical bar deformation, detected by control devices at the machine out-feed
- Any manual calibration settings required before starting the machining cycle
- An indication of the type of rollers to be used

- Dynamic detection of pressure and on-screen display of the minimum, maximum and average value with any eventual warning and relevant management in case of tolerances value exceeding.
- Dynamic detection of any horizontal and vertical bar deformation, read by the out-feed control devices, with indication of the type of horizontal and vertical deformation.
- Machined bar count function
- External dimensions in mm: 2670x1700mmx2180h; Weight 4000 Kg.

### Machining field:



**OPTIONALS:**

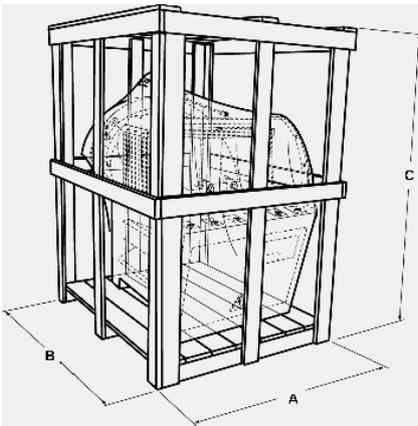
| Description  | Code        |
|--|-------------|
| Customized rollers for profile support   | On estimate |
| Customized rollers (see note)  | On estimate |
| Height adjustment support for infil knurling machine<br>Note: compulsory when used together with block t2  | PR-26317    |
| Vertical photocell barrier<br>Note: accessory available only with simple roller tables   | PR-26316    |
| Ledge and bar-presence plate<br>Note: compulsory for profile unloading with roller table pr-22367  | PR-26319    |
| Height adjustment support for simple Translation<br>Note: compulsory with Blok T2 when used together with simple Translation                           | PR-26318    |
| Additional charge for special voltage and cycles<br>(standard motor: 230/400V three-phase 50Hz and 110/230V single-phase 50 Hz)                        | ZG-79249    |
| Additional charge for plant version UL-CSA<br>(The additional charge includes the plant with cables and special components/measurement unit in inches) | ZG-79252    |

\* Installation and acceptance testing at fom's premises

**PACKING**

| Description                       | Code     |
|-----------------------------------|----------|
| Crate packing                     | FC-78673 |
| Crate packing for cabinet display | FC-78674 |

Crate packing:



|           | A (mm) | B (mm) | C (mm) | Kg |
|-----------|--------|--------|--------|----|
|           | 2.850  | 1.970  | 1.950  |    |
| equipment | 1.350  | 500    | 1.080  |    |