

ML 101/M

MACCHINA AUTOMATICA A TRE TESTE
PER LA FRESATURA DEI TUBI.



HIGH-PRECISION TRIPLE-HEAD AUTOMATIC
TUBE MITRING MACHINE

(I) ML 101/M

High-precision triple-head automatic tube mitring machine. Combining flexibility of operation with linearity of design and engineering, the ML 101/M is a heavy-duty unit for tolerance mitring of all and tig welded mtb frame diamonds. Double mitres executed simultaneously, with third mitre in sequence. Wide-ranging mitring profiles can be effected with angles $-15^\circ / 0 / 40^\circ$ on the fixed horizontal head and $-40^\circ / 0 / +40^\circ$ on the mobile horizontal head. A third, vertical head offers lateral adjustment. Besides straight tubes, the unit effects mitres on curved and bent tubes. The machine may be set up on the basis of drawing or with sample tubing. A chart system facilitates in building up a file.

MAIN CHARACTERISTICS :

- Output : 1 80 - 240 pieces / hour (steel tubing)
- 240 - 360 pieces / hour (aluminium tubing)
- Mitring of tubes with oval or square cross-sections
- Off-axis mitring
- Wide range of rotation speed (8) and feed speed
- Easy and rapid setting-up: approx. 10 mins.
- Convenient loading & unloading of workpieces
- Expulsion of core of mitred piece
- Control panel conforming to safety standards
- Safety valve when power off
- All main parts in hardened & ground high-strength materials
- High-speed and long-live special cutters
- Heavy duty electrical pumps

MAIN SPECIFICATIONS :

- Mitring dia. range : min \varnothing 20 - max \varnothing 50
- Clamp lock range : min \varnothing 17 - max \varnothing 50
- Tube length (centre-to-centre) : min. 345 - max. 710
- Mitring of curved or bent tubes
- Voltage : 220/380/440 (as per request)
- Installed power : 3 Kw
- Compressed air pressure : min 6 Bar - max 8 Bar
- Max air consumption per cycle : 30 NL
- Overall dimensions : 115 x 160 x 170 H CM
- Weight : 870 Kg

