

# SPECS SHEET



New automatic CNC cutting Line Mod. NEW LINE 350 for 90° cuts, suitable for cutting hollow or solid bars with round, square or rectangular sections, featuring automatic loading and unloading of pieces. The “CI” type automatic loader with inclined worktable is designed for loading hollow bars with round, square or rectangular sections; rapid centralized adjustment of bar dimensions by means of just two handwheels.

## MAXIMUM CUTTING CAPACITIES:

### Round Tube

- Straight Cut: 4" O.D.

### Square Tube

- Straight Cut: 3.125" Square

### Rectangular Tube

- Straight Cut: 2.25"H x 3.125"W

## TECHNICAL DATA & FEATURES:

- Bar Stop with Digital Instrument Displaying Bar Cutting Measurements.
- Cutting Head with 2-speed Electric Motor.
- Motor Amperometric Absorption Control.
- Tempered and Ground Oil-Bathed Reducing Gears.
- Cutting Head Downstroke Speed Adjustment.
- Blade Double Lubrication System.
- Bar Locking with Double Vice.
- New Programming Instrument with 5" Backlit Graphic Display.
- Instruction Manual and Exploded view of spare parts.
- **Blade Size:** 350 x 2.5 x 32mm Bore HSS Blade
- **Minimum Cutting Capacity:** 0.63"Ø / 0.63" x 0.63" (16mm Ø / 16mm x 16mm)
- **Minimum Cutting Length:** 0.80" (20.3mm)
- **Maximum Cutting Length:** 118" (2,997mm)
- **Maximum Vice Opening:** 4.4" (112mm)
- **Worktable Height:** 43.7" (1,110mm)
- **Unloading Height (Front / Rear):** 27.5"(700mm)
- **Vice Jaw Height:** 2.75" (70mm)
- **Machine Weight:** 4,410 lbs. (2,000 kg.)
- **Blade Rotation:** 50 - 100 R.P.M.
- **Bar Feed Speed:** 32'- 295' per Minute (10 - 90 Meters per Minute)

## **NEW LINE 350 CUTTING LINES FEATURES:**

"CI" type automatic loader with inclined worktable designed for loading hollow or solid bars with round, square or rectangular section; rapid centralized adjustment of bar dimensions by means of just two hand wheels, or "CF" type automatic bundle loader with anti-overlapping device for hollow or solid bar loading with round, square or rectangular section; rapid centralized adjustment of bar dimensions by means of just two hand wheels.

Bar feed unit supplied with rollers and driven by a gear motor assisted by an inverter controlling rapid feed speed and the associated acceleration and deceleration ramps for bar feeding.

Cutting head with 2-speed electric motor, motor amperometric absorption control, tempered and ground oil-bathed reducing gears, cutting head downstroke speed adjustment, blade double lubrication system (with emulsifiable oil or oil microlubrication).

Bar locking with double vice and pressure adjustment of bar feed rollers and double vice.

Bar stop with digital instrument displaying bar cutting length, vertically movable stop retainer providing maximum accuracy of cutting repeatability.

Automatic unloader provided with inclinable table for the selection of the side from which faced, cut or end-trimmed pieces are unloaded.

New programming instrument with 5" backlit graphic display for the management and optimization of cutting parameters and settings.