



## Gamma 333 PC Leadmaker

### Fast Facts

- Ultra short conversion times thanks to integrated processing modules
- Comfortable and convenient to operate thanks to graphic-based TopWin software
- Crimp force analyzer with statistic analysis
- Integrated good/bad sorting
- Optimum accessibility to the processing stations and contact rolls
- Maintenance-free step and servo motor of top quality
- Encoder measurement system with ACS anti-slip monitoring
- Compact wire gripper with high level of holding force
- Ink jet marking integrated into the user interface

The fully-automatic PC-controlled Gamma 333PC Lead Maker can be equipped with up to three processing stations enabling the crimping of both ends of the wire, double-crimp connections with three different contacts, single-ended seal applications, tinning or ink-jet marking. Features include ultra-short conversion times, easy-to-use graphic-based TopWin interface with multiple-language capability, crimp force analyzer with statistical analysis, seal monitoring, and integrated good/bad sorting.

The costs of running and acquiring the Gamma 333 PC are incredibly low in relation to the benefits it offers, making this machine ideal for just-in-time production. Thanks to the programmable CNC axes and storable wire and processing parameters, conversion times are minimal, so even small batches can be produced efficiently.

**A superior wire processing value!**

# Gamma 333 PC Leadmaker

## Processing Possibilities

The Gamma 333 is ideal for closing the gap between the gamma 311 and the automatic high-capacity alpha 411. Process monitoring units can also be integrated to provide unsurpassed quality control.

## Ingenious Crimping Tool Holder

The ingenious tool quick-change system supports all crimping tools common to the market. The quick-change clamping device enables quick and convenient changing of tooling and reduces machine down time.

## Optimal Access

The brackets for the terminal reels are positioned in the lower part of the machine which insures optimal handling. The safety cover opens upward to provide easy access to the machine parts and tooling.

## Minimal Space Requirement

Thanks to its small dimensions, the gamma 333 requires only minimal floor space. Furthermore, it can be moved easily with the help of its fixed-mounted transport rollers.

## Highest Performance and Precision

The high torque and dynamic three-phase stepping motors guarantee absolute precision and maximum production outputs. The triggered cutting head takes over all stripping data and the two swiveling units turn to the stations in a quick and precise way.

## Crimping Press - MCI 711

The biggest possible benefit you can achieve in using the MCI 711 crimp module is with the Gamma 333. The new dereelers and presses are developed using the latest state of the art technology and offer enormous advantages in setup and handling.

## State of the Art Software

The interactive software is impressive with its simple handling, graphic display and capability of on-line changes in eight different languages. With a system memory that accommodates up to 200 wires and their processing parameters, the conversion time required is minimal. This feature makes production highly economical, even with small batches.

## Flawless Quality

The wire transport with two rollers guarantees safe processing, even on very small wire cross-sections. A measurement encoder system with integrated slip monitoring insures excellent repeatability regardless of the type of packing drums. The optional stripping and crimping monitoring systems, as well as the knot and splice monitoring units, provide high processing quality. Defective wires are detected, removed and reproduced automatically.

Cutting to length/stripping	
Crimping	
Crimp force check	
Splice check	
Tinning	
Good-bad separating	
Deposit with conveyor belt	
Batch size separating	

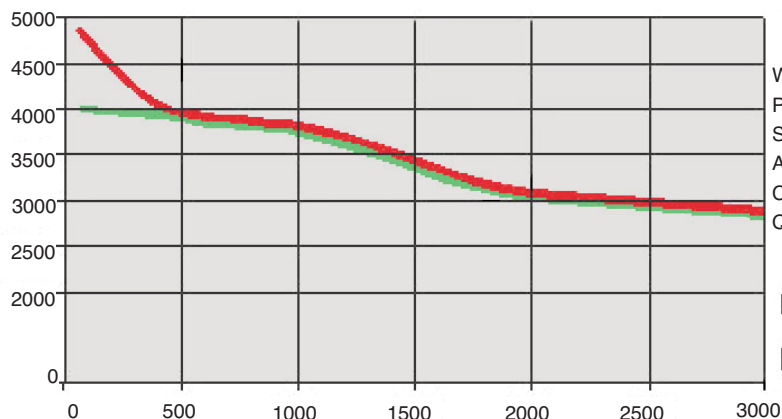
## Accessories

Stations	Crimp module mci 711 Tinning Station
Accessories for presses	Height adjustable terminator pedestals Contact feed units with paper take-up units Carrier strip cutter
Wire Stockage	Conveyor belt extensions
Monitoring Units	Splice Monitoring unit Knot and wire end monitoring unit Crimp force monitoring unit

## Technical Data

Height with cover closed	1790mm [70.5"]
Height with cover open	2670mm [105.1"]
Length Range	60mm - 50m optional from 36mm
Length Accuracy	<0,2% or max. +/- 1mm
Stripping Lengths	0.1 - 15mm on side 1 0.1 - 15mm on side 2
Cross Sections	0.125 - 5mm <sup>2</sup> / AWG 26-10
Wire Feed Rate	max. 6 m/2
Electrical Power	3x208 - 480V / 50-60 Hz
Operating Pressure	5 - 6 bar
Weight	840 kg with two crimp terminators

## Standard values for production capacity



Wire: FLK-R 0.75mm<sup>2</sup>  
 Pressure: 6 bar  
 Speed: 6 m/s  
 Acceleration: 40 m/s<sup>2</sup>  
 Crimp-Termin.: komax mci711  
 Quality Monitoring: inactive

