

# ***PLC SERIES***

## ***FLEXIBLE MESH WELDING LINES***



- The PLC series are designed to cover every application in the production of standard and special engineering and construction mesh.
- Different models are available for both the economic and high output production of mesh, offering maximum flexibility without changeover adjustments, due to unique design and operation of the welding module.
- Depending on the machine version, line and cross wires are fed either from pre-cut wires or coils.
- On pre-cut wire feeding machines, line wires are fed through double servo-driven carrier advance system, allowing the pre-loading and feeding of the wires during production, where the cross wires are fed through a high capacity precision hopper type feeder.
- On coiled wire feeding machines, line wires are fed through a precision servo-driven multi-roller advance system where the cross wires are fed either through a high capacity hopper type feeder from pre-cut wires or through a high speed roller straightening and cutting machine from coils.

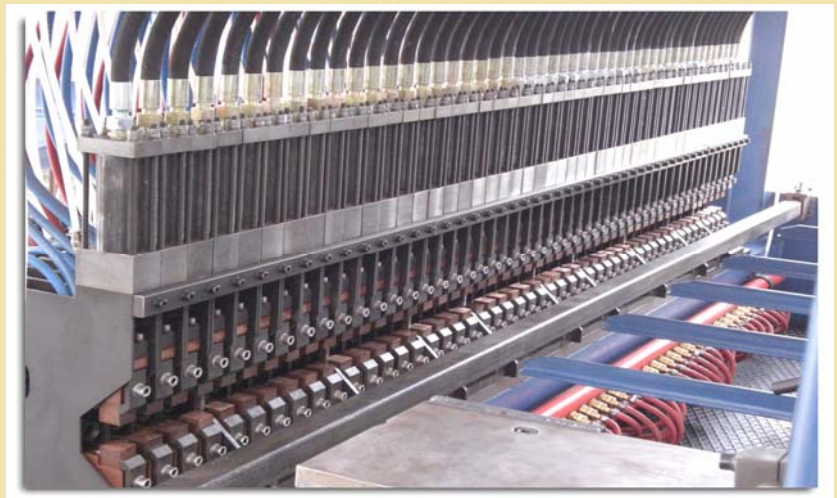


# PLC SERIES

## FLEXIBLE MESH WELDING LINES



- The PLC series equipped with independent heavy duty hydraulic welding heads, guarantee the welding of wires with diameters of up to 16mm at small spacing (50mm and upwards).
- Due to programmable cross wire placement, different cross wire spacing is possible within the same mesh
- Mesh handling and advancing is done either through a servo-driven carrier offering exceptional accuracy, or through a compact layout servo-driven roller system.
- Every mesh produced is placed automatically on an intermediate run-off table either for turning or stacking.
- The in-line roller conveyors or laterally discharging chain conveyors are located below the run-off table and are equipped with adjustable mesh aligning devices for perfectly aligned mesh batches.
- Software includes fault detection and supervision of all machine operations/movements for efficient and accurate production.
- Remote access via an Internet connection for troubleshooting and routine maintenance.



PLC SERIES		ET	KT	KK
Working Range				
Welding width	mm	2.400, 3.200 4.000	2.400, 3.200 4.000	2.400, 3.200 4.000
Line wire feeding		PRE-CUT	COIL	COIL
Cross wire feeding		PRE-CUT	PRE-CUT	COIL
Line wire spacing	mm	50	50	(50) 100-150
Cross wire spacing	mm	50	50	(50) 100
Line wire diameters	mm	4-10, 4-12 4-16	4-10, 4-12	4-10, 4-12
Cross wire diameter	mm	4-10, 4-12 4 - 16	4-10, 4-12	4-10, 4-12
Working speed	CROSS WIRES/MIN.	120	120	140

For a free video CD and your nearest EUROBEND representative, please, contact:

**EUROBEND S.A.**

ADVANCED TECHNOLOGY PRODUCTS  
350, TATOIOU AVE. AHARNES 13677  
ATHENS - GREECE

TEL: ++30-210-8077775

FAX: ++30-210-6206567

WEBSITE: [www.eurobend.com](http://www.eurobend.com)

e-mail: [info@eurobend.com](mailto:info@eurobend.com)

