

PL XY SERIES

FLEXIBLE MESH WELDING LINES FOR THE PRODUCTION OF CUSTOMIZED MESH SHEETS



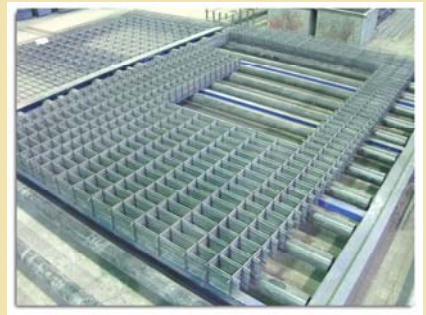
- The PL XY series are designed to cover every application in the production of engineering, construction, customized mesh and mesh with openings for prefabricated concrete elements.
- Any type of mesh can be produced instantly without any adjustments.
- Different models are available for both the economic 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 fully automatic from two multi-line hyperbolic rotor straightening and cutting machines with automatic convergence diameter changing system, in less than 3 seconds (Patented), or from pre-cut bars.
- Single or double Y-axis programmable, servo-motor driven welding head configuration with 4 or 8 welding points or multi-head configuration with up to 81 fixed welding heads, depending on the output demand, eliminate idle and change over times.



PL XY SERIES



- Cold or hot rolled materials up to 20mm from coil and 25mm from pre-cut bars can be processed automatically by the machine.
- Different line and cross wire diameters can be welded in the same mesh.
- Due to programmable cross wire placement, different cross wire spacing is possible within the same mesh.
- 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.
- Compact system Lay-Out with minimum floor demand requirements.
- Ergonomic operator interface with user friendly software.
- Remote access via Internet for troubleshooting and routine maintenance.



PL XY SERIES Working Range		XY M	XY E
Welding width	mm	3.000, 3.600, 4.000	
Mesh length	mm	6.000, 9.000, 12.000	
Line wire feeding		Fully Automatic from Coils	From Pre-cut bars
Cross wire feeding		Fully Automatic from Coils	Coil or Pre-cut
Line wire spacing	mm	100, above in steps of 50	100, above adjustable
Welding Points*	Max.	4 or 8 Programmable	4 Programmable
Cross wire spacing	mm	50 above stepless	
Line wire diameters	mm	5-12, 6-16, 8-20	4-12, 4-16, 6-20, 8-25
Cross wire diameter	mm	5-12, 6-16	5-12, 6-16, 6-20
Mesh with openings		YES	-
Working speed*	WELDING POINTS / MIN	Up to 200 or 400	Up to 200
Space demand	For Machine Producing Mesh up to 4 x 9 meters	12,5 x 37 m	6 x 28 m

*PLC welding head configuration with up to 81 welding heads and working speed of 3200 welding points/min upon request.

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

EUROBEND GmbH
ADVANCED TECHNOLOGY PRODUCTS

Allersberger Str. 185, Geb. G-3
D-90461, Nürnberg GERMANY

TEL: +49-911-9498980

TEL: +30-210-8077775

WEBSITE: www.eurobend.com

FAX: +30-210-6206567

e-mail: info@eurobend.com

