
PunchBend - Prima Power fabrication solution for cut to size material

PunchBend is a new, compact and economical fabrication solution for cut to size materials, which processes pre-cut material automatically into ready-bent, high-quality components. The essential characteristic of the concept is tight integration of everything needed: software, punching and bending technology as well as automation.

Both punching and bending technology are servo-electric thus making the new product part of the Prima Power Green Means® offering.

The high-end Prima Power servo-electric is included. As the punching stroke is NC-controlled, in addition to high-performance punching outstandingly accurate forming capacity is available. High repeatability facilitates forming, roll forming, marking etc. and shortens set-up times.

Prima Power's automatic servo-electric bending technology offers major benefits through excellent bending quality and accuracy as required by e.g. design products and a low overall operation cost due to low energy consumption, low maintenance cost and very fast operation.

The PunchBend process is fully automatic:

- 1) Automatic loading of cut-to-size material to punching unit, automatic clamp setting is simultaneous
- 2) Material is processed (punching and forming) with punching unit
- 3) Processed part is transferred to bending unit and prepared for bending process, new material is loaded to punching unit
- 4) Part is processed by bending unit; the next sheet is punched simultaneously
- 5) Removal of ready-bent component



For more information please contact:

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