THE WORLD’S FASTEST PANEL BENDING LINE FOR STEEL DOORS

www.wemomachines.com
ABOUT WEMO
PBL-2550 FOR STEEL DOORS
ADD-ON: 4-SIDED BENDING
ADD-ON: SHEET PUNCHING
ADD-ON: SHEET CUTTING
ADD-ON: AUTOMATED UNLOADING
ADD-ON: SHEET METAL STORAGE SYSTEM
ADD-ON: ANGLE CORRECTION SYSTEM
ADD-ON: MACHINE DESIGN
ADD-ON: LEAN 4.0 SOFTWARE
ADD-ON: REMOTE ASSISTANCE
STEEL DOORS PRODUCTS
WEMOCARE
ABOUT WEMO

WEMO is a family owned company in The Netherlands with more than 55 years of experience. We design, build and install tailor configured production lines for punching, bending, and joining of sheet metal for customers all over the world. We provide the complex realization of production lines using the product design of the customer. We have developed various techniques for sheet metal working, enabling us to provide an appropriate WEMO solution to virtually any problem. We have been able to achieve good global coverage for our services thanks to our extensive and reliable agents’ network. We can work all material types, from metals with a high tensile strength to extremely thin aluminum, both untreated and treated (pre-painted, with or without film, etc.).
PBL-2550
FOR STEEL DOORS

TECHNICAL SPECIFICATIONS

Production speed 6 - 15 sec / prod
Bending width 70 - 1500 mm / 2.75" - 60.00"
Bending length 320 - 2550 mm / 12.60" - 100.00"
Type of material Pre-painted (stainless) steel
Material thickness 0.5 - 2 mm / .020" - .078"
Drive Fully electric CNC-bending

KEY BENEFITS

The highest production of parts per shift
Starting from batch size 1
No changeover time due to integrated auto tool changer
High flexibility for future product types
Produce Steel Doors with embossing

BENDING FORM EXAMPLES
Head
CNC-bending
(with auto tool changer)

Loading

Longitudinal
CNC-bending

Turning

Unloading
ADD-ON:

4-SIDED BENDING

4-sided bending of your Steel Doors
Head and Tail
CNC-bending
(with auto tool changer)
ADD-ON:

SHEET PUNCHING / BENDING

Sheet punching is applied when flexibility plays an important part in the production process. Punching starts with the cut sheet and is carried out with the aid of standard thick turret tooling or special tools.
ADD-ON:

CUTTING SHEET

Perfect straight cutted sheets, fully automated.
ADD-ON:

AUTOMATED UNLOADING

Automated unloading process with Automated Guided Vehicles for your Steel Doors.
ADD-ON:

SHEET METAL STORAGE SYSTEM

Sheet Metal Storage System perfect for Batch size 1 production.
ADD-ON:
ANGLE
CORRECTION SYSTEM

This Angle Correction System guarantees first time right production and perfect repeatability thanks to precise optical angle measurement.
The WEMO sheet metal production lines stand for high quality, optimum ease of use and high and efficient production. Our production lines can be fitted with a fantastic design. A modern, colorful and extremely strong housing for correct protection, security and presentation.
ADD-ON:

LEAN 4.0
SOFTWARE

WEMO software provide a clear and user-friendly visualisation of all relevant information regarding primary processes within production and the technical department.
Optimisation software

WEMO modules below gives you full insight into different facets of your production process:

- OEE calculation & reporting
- Production planning & ERP link
- Real-time operator link
- Instructions & quality management
- Traceability
- Monitoring of production parameters
- Maintenance

What's the afford?

WEMO modules below gives you full insight into different facets of your production process:

- Increasing delivery reliability
- Reducing the production costs per product
- Managing changeover times
- Ensuring that quality requirements are met
- Insight into energy consumption
- Predicting staffing needs
- Easy-to-read flexible planning
- Control of material use
- Paperless production environment
- Insight into production parameters
- Significant increase in production output
ADD-ON:
REMOTE ASSISTANCE

WEMO believes in the further cooperation of humans and machines. With the arrival of the industrial ‘Internet of Things’ we will add intelligence to our tools, our machines and their operators. We will do that via Augmented Reality, a real step forwards. This will connect all available and useful data directly to our machines and their operators. Tomorrow’s digital workplace? That is being generated today at WEMO.
STEEL DOORS

Steel Entry Doors, Fire Rated Doors and Industrial Doors: with the WEMO sheet metal processing lines you can produce Steel doors your own way. We offer you the option of Steel Doors with or without embossing. The perfect bending tolerance enables the production lines to process steel and stainless steel effortlessly.
To ensure the required operational performance throughout the entire lifecycle, WEMOCARE delivers all kinds of life-cycle services to support over 100 customers worldwide.
**PREVENTIVE MAINTENANCE**
A long service life with as few breakdowns as possible.

**WARRANTY EXTENSION**
In order to optimise this warranty, we offer you a supplementary warranty extension.

**INSPECTION**
A carefully conducted machine inspection gives an exact picture of the condition of your machine.

**SPARE PARTS**
Fast and expert delivery of our high quality machine parts.

**UPGRADE & CONVERSION**
Smart upgrade and conversion packages with which you can optimise your machine.

**TRAINING & EDUCATION**
Effective training for new employees will significantly increase the output and life of your machine.

**PREVENTIVE MAINTENANCE**
A long service life with as few breakdowns as possible.
Trusted by the best brands in the world

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