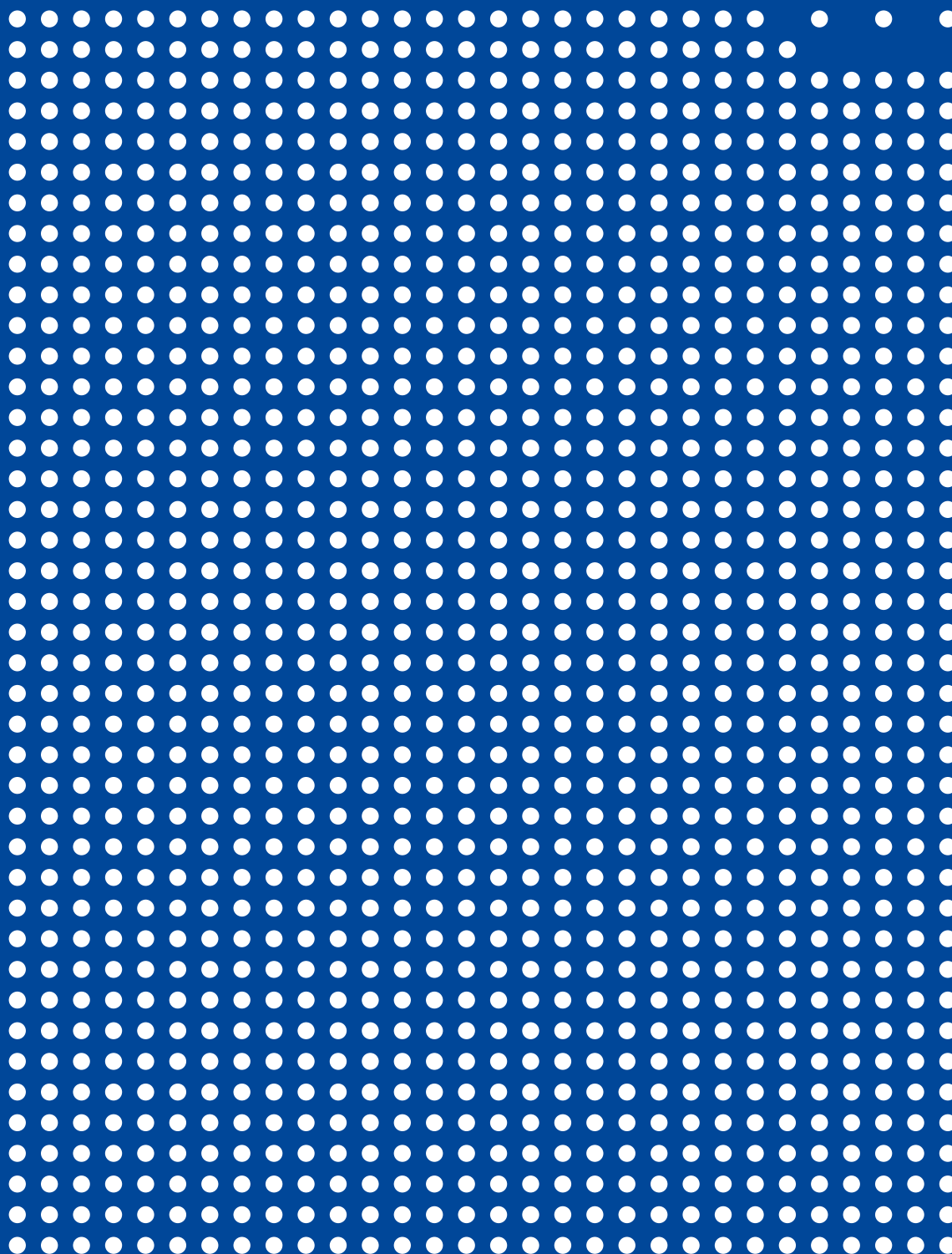




MACCHINE EPS  
CATALOGUE





## DOWN CUTTERS ON BELT WITH MANUAL WIRE SETTING

EXCELLENT SOLUTION BOTH FOR CROSS CUTTING AND SLICING EPS / XPS BLOCKS BY MEANS OF HOT WIRES.

### ADVANTAGES

#### MANUFACTURING OF EXCELLENCE

- In-house start-up and test
- Prevention of fire ignition: hot wires automatically switch off when working axis remain inactive for longer than a set time-limit
- Solid and compact structure, built to guarantee maximum resistance, stability and safety for operators
- Designed to facilitate access to all components

#### SUPERVISION AND CONTROL

- Indicators positioned on the graphic layout of the machine for a rapid resolution of failures/stops
- Broken wire detection system with automatic stop of the machine
- Updated machine library containing all relevant diagnostic messages

#### CONNECTIVITY

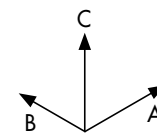
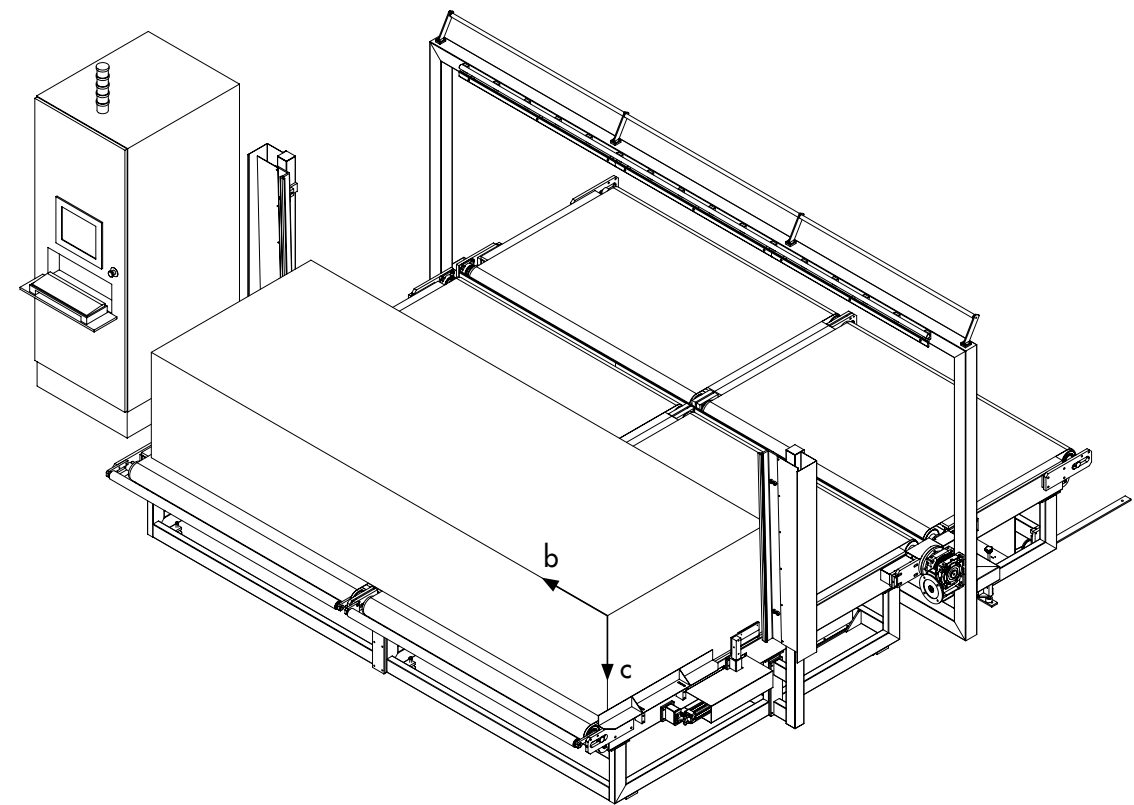
- Possibility of connection to local network and interface with enterprise management system
- Download and export of process data in the main commercial formats
- Remote control and monitoring
- Remote assistance software

#### OUTSTANDING PERFORMANCE

- **Optimized cutting performance:** availability of pre-installed process parameters fine-tuned based on different block features
- **Fast cutting process without interruptions** thanks to the unique cooling system designed to maximize working speed and avoid wire breaking
- **Production accuracy and repeatability:** precision mechanics and the use of ultimate components available guarantee fluid and effective synchronism and movements over time
- **Reduced cycle time and energy consumption:** optimized auto-adjustment of belt speed and cutting wires temperature

#### FLEXIBILITY

- Wide range of configurations of process parameters such as cutting speed, wires temperature and on/off time
- Fully automatic working cycle with possibility of real time variation of parameters
- Possibility of manual control of movements



| Model | Overall dimensions (mm) |       |       | Cutting dimensions (mm) |       | Frame wires (No.) |          |
|-------|-------------------------|-------|-------|-------------------------|-------|-------------------|----------|
|       | A                       | B     | C max | b                       | c     | Horizontal        | Vertical |
| TD550 | 4.500                   | 4.900 | 2.500 | 4.100                   | 1.400 | 15                | 10       |

Overall dimensions do not include perimeter protection systems



## DOWN CUTTERS ON BELT WITH AUTOMATIC WIRE SETTING

EXCELLENT SOLUTION BOTH FOR CROSS CUTTING AND SLICING EPS / XPS BLOCKS BY MEANS OF HOT WIRES. AUTOMATIC WIRE SETTING SYSTEM ALWAYS ENSURE MOST PERFORMING EFFICIENCY AND ACCURATE PRECISION.

### MODELS

- **SERIES "A"**: vertical cutting station equipped with automatic wire setting system
- **SERIES "AA"**: vertical and horizontal cutting stations equipped with automatic wire setting system

### ADVANTAGES

#### MANUFACTURING OF EXCELLENCE

- In-house start-up and test
- Prevention of fire ignition: hot wires automatically switch off when working axis remain inactive for longer than a set time-limit
- Solid and compact structure, built to guarantee maximum resistance, stability and safety for operators
- Designed to facilitate access to all components

#### SUPERVISION AND CONTROL

- Real time control of machine operation
- Process indicators displayed over the machine's graphic layout for a rapid resolution of failures/stops
- Broken wire detection system with automatic stop of the machine
- Updated machine library containing all relevant diagnostic messages

#### CONNECTIVITY

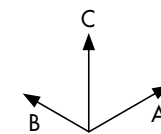
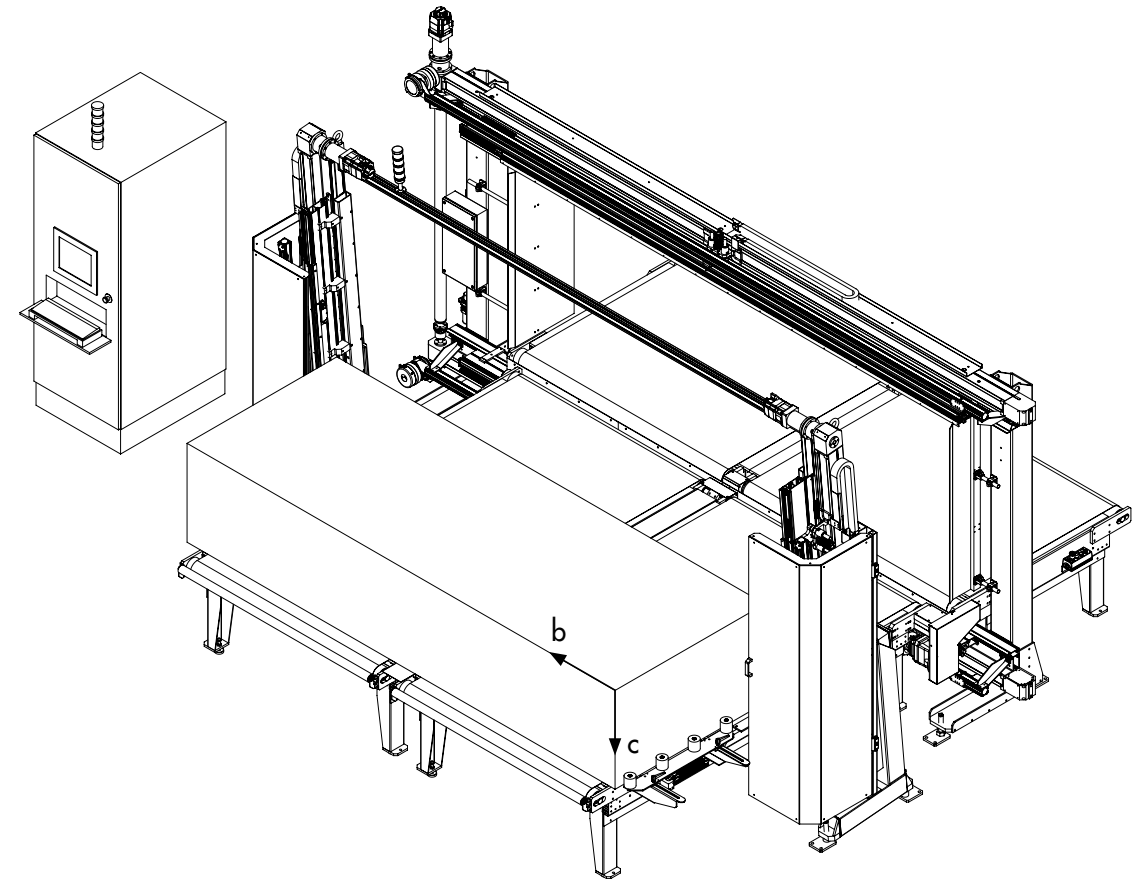
- Possibility of connection to local network and interface with enterprise management system
- Download and export of process data in the main commercial formats
- Remote control and monitoring
- Remote assistance software

#### OUTSTANDING PERFORMANCE

- **Reduced set-up** for just-in-time productions, thanks to automatic wire setting system
- **Optimized cutting performance:** availability of pre-installed process parameters fine-tuned based on different block features
- **Fast cutting process without interruptions** thanks to the unique cooling system designed to maximize working speed and avoid wire breaking
- **Production accuracy and repeatability:** precision mechanics and the use of ultimate components available guarantee fluid and effective synchronism and movements over time
- **Reduced cycle time and energy consumption:** optimized auto-adjustment of belt speed and cutting wires temperature

#### FLEXIBILITY

- Wide range of configurations of process parameters such as cutting speed, wires temperature and on/off time
- Rapid adjustment of cutting thickness by means of automatic wire setting system
- Fully automatic working cycle with possibility of real time variation of parameters
- Possibility of manual control of movements
- Possibility to manage different thickness in the same cutting process



| Model   | Overall dimensions (mm) |       |       | Cutting dimensions (mm) |       | Frame wires (No.) |          |
|---------|-------------------------|-------|-------|-------------------------|-------|-------------------|----------|
|         | A                       | B     | C max | b                       | c     | Horizontal        | Vertical |
| TD550A  | 4.800                   | 5.600 | 3.100 | 4.100                   | 1.400 | 15                | 10       |
| TD550AA | 4.800                   | 5.700 | 3.200 | 4.100                   | 1.400 | 15                | 10       |

Overall dimensions do not include perimeter protection systems

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