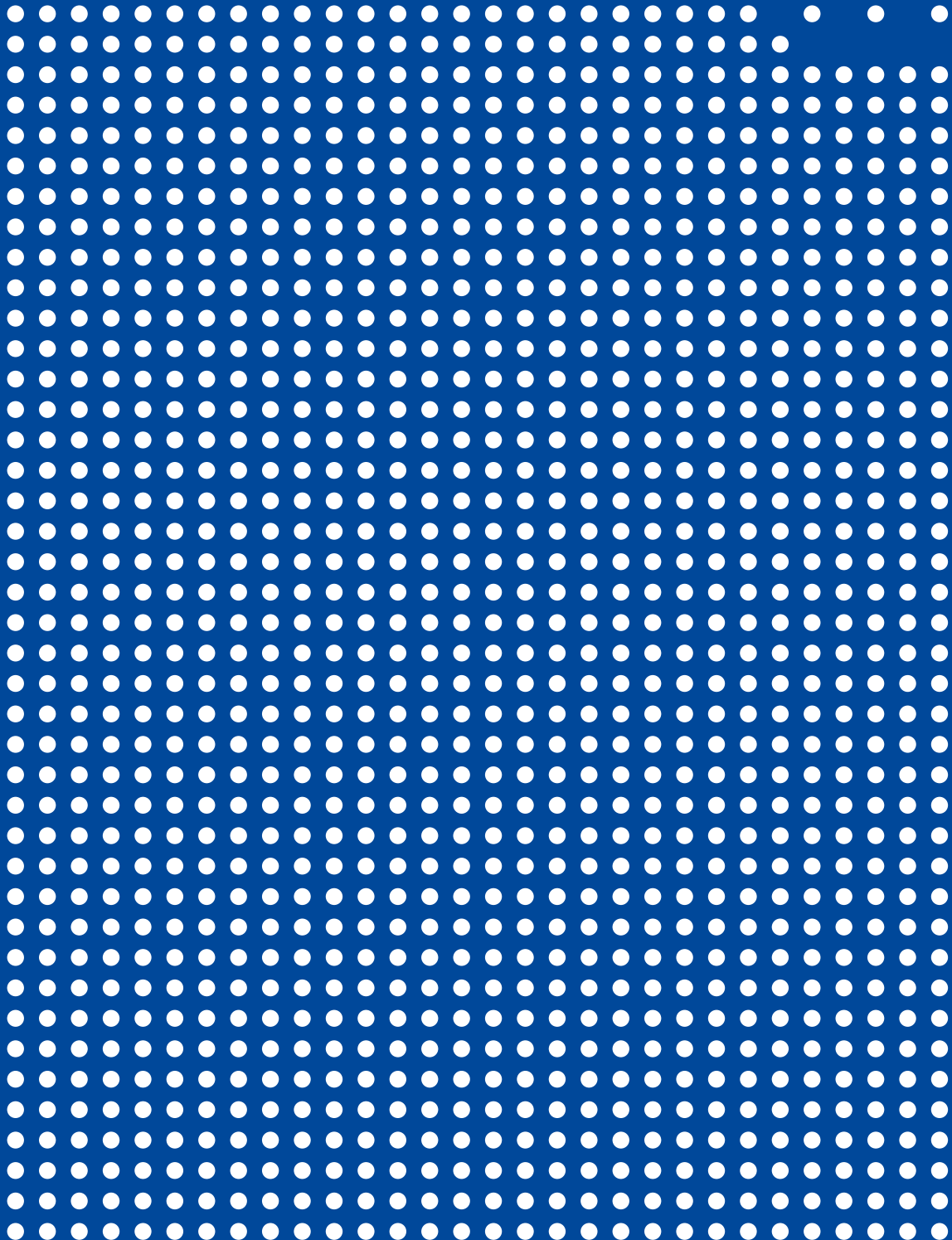




EPS MACHINERY  
CATALOGUE





**SLICING MACHINES WITH INTERCHANGEABLE FRAMES AND MANUAL WIRE SETTING**

FIT FOR THE PRODUCTION OF HIGH QUALITY SHEETS AND PADS IN VARIOUS THICKNESS BY HOT WIRE CUTTING OF EPS / XPS BLOCKS.

**ADVANTAGES**

**MANUFACTURING OF EXCELLENCE**

- In-house start-up and test
- Prevention of fire ignition: hot wires automatically switch off when working axes 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**

- Automatic notification system for a rapid resolution of failures/stops
- Broken wire detection system with automatic stop of the machine

**CONNECTIVITY**

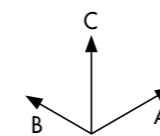
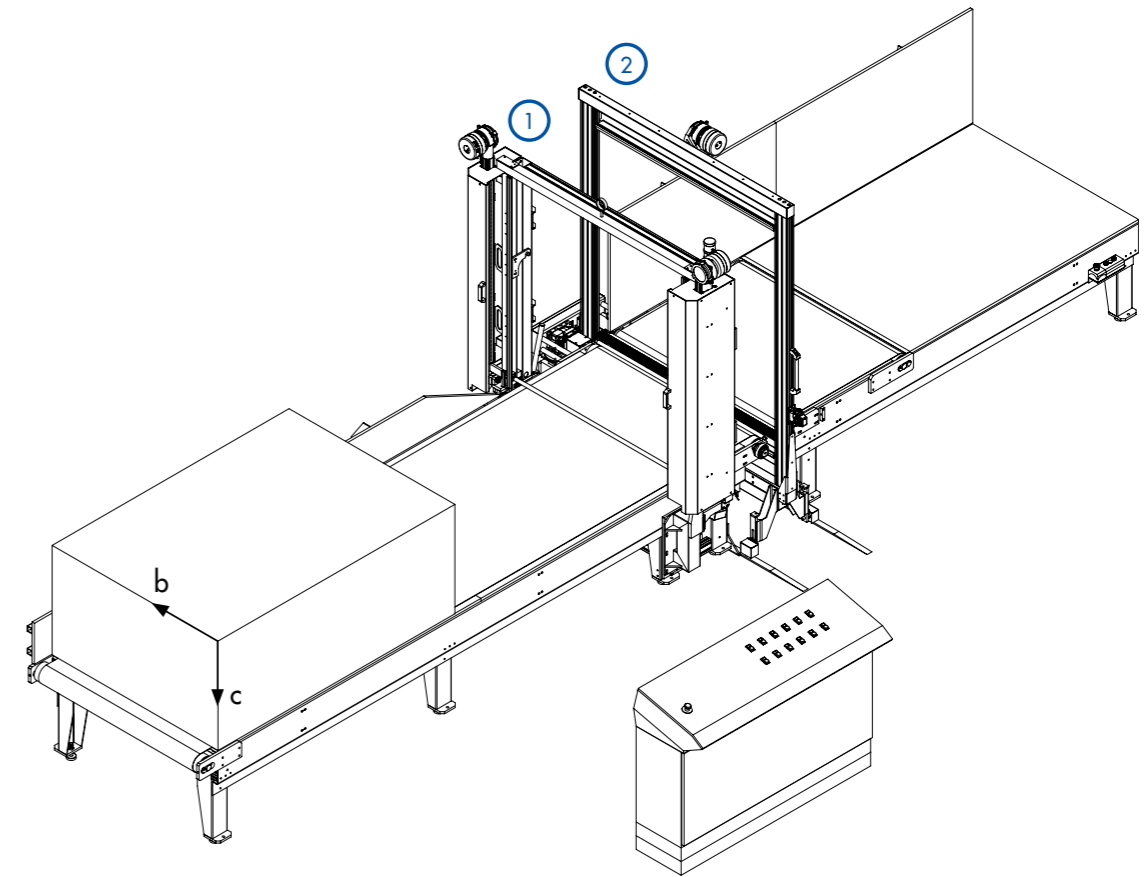
- Remote assistance system available on request

**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
- Quick change over of interchangeable frames
- Electronic frame inclination for the adjustment of cutting thickness



INTERCHANGEABLE FRAMES – HORIZONTAL CUTTING					
	Frame No.1	Frame No.2	Frame No.3	Frame No.4	Frame No.5
PITCH (mm)	8	18	42	97	1
THICKNESSES (mm)	3 - 8	8 - 18	18 - 42	42 - 97	Various



**COMPONENTS UPON REQUEST**

1. INTERCHANGEABLE FRAMES in addition to standard supply
2. VERTICAL CUTTING STATION for side cutting and trimming of blocks (version TV)

Model	Overall dimensions (mm)			Cutting dimensions (mm)		Frame wires (No.)	
	A	B	C max	b	c	Horizontal	Vertical
SM460	6.400	2.050	2.500	1.400	1.400	101	/
SM480	8.400	2.050	2.500	1.400	1.400	101	/
SM460TV	8.000	2.400	2.600	1.400	1.400	101	30

Overall dimensions do not include perimeter protection systems



## SLICING MACHINES WITH AUTOMATIC WIRE SETTING

FIT FOR THE PRODUCTION OF HIGH QUALITY SHEETS AND PADS IN VARIOUS THICKNESS BY HOT WIRE CUTTING OF EPS/XPS BLOCKS.  
AUTOMATIC WIRE SETTING SYSTEM ALWAYS ENSURE MAXIMUM PERFORMING EFFICIENCY AND ACCURATE PRECISION.

### ADVANTAGES

#### MANUFACTURING OF EXCELLENCE

- In-house start-up and test
- Prevention of fire ignition: hot wires automatically switch off when working axes 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
- 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

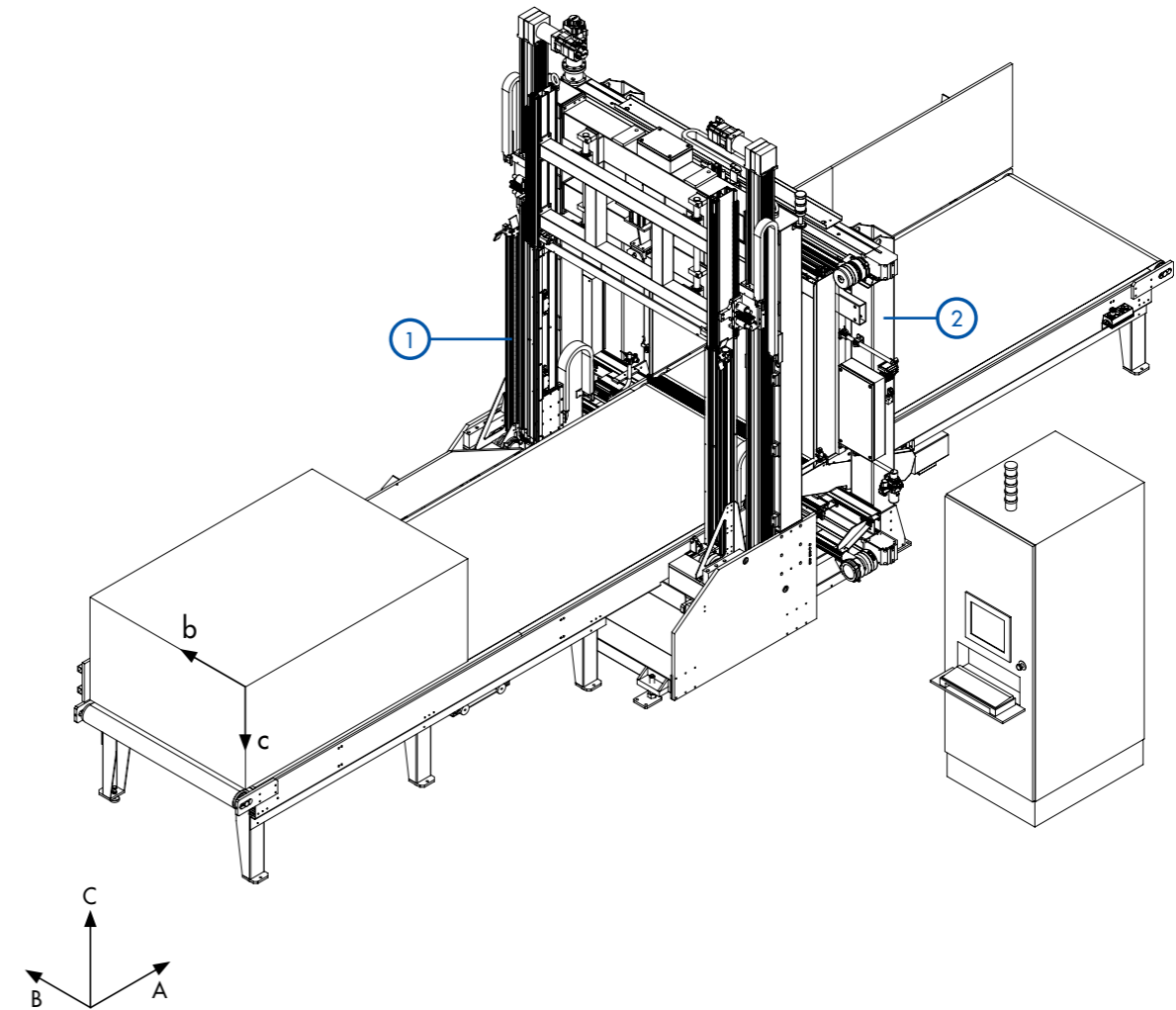
- Possibility of connection to local network and interface with enterprise management system
- Download and export of process data in the main commercial formats
- Remote control and monitoring
- Remote assistance software

#### OUTSTANDING PERFORMANCE

- **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
- Fully automatic working cycle with possibility of realtime variation of parameters
- Possibility of manual control of movements



### COMPONENTS UPON REQUEST

1. AUTOMATIC INCLINATION OF FRAMES to achieve cutting thicknesses down to 5 mm (version I)
2. VERTICAL CUTTING STATION for side cutting and trimming of blocks (version TV), which is available alternatively:
  - With manual wire setting
  - With automatic wire setting (series AA)



Model	Overall dimensions (mm)			Cutting dimensions (mm)		Frame wires (No.)	
	A	B	C max	b	c	Horizontal	Vertical
SM460A	6.400	2.600	4.100	1.400	1.450	101	/
SM460AI	6.400	2.300	3.950	1.400	1.450	101	/
SM480A	8.400	2.600	4.100	1.400	1.450	101	/
SM480AI	8.400	2.600	3.950	1.400	1.450	101	/
SM460AAITV	8.500	2.900	3.950	1.400	1.450	101	30

Overall dimensions do not include perimeter protection systems

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