

# Honeycomb production machine

HONEYCOMB TECHNOLOGY for nonwoven materials



Price depending of project extend starting at EURO €350.000,-

## Technical Specification

### Base Material:

- No woven of Polypropylene,
- Nylon or mixed fibre, with content of 50 - 250 gr./m<sup>2</sup>
- Film Polypropylene 80 - 300 μ
- Polyester 80 - 200 μ

### Dimension for base material:

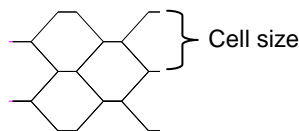
- reel width 100 mm
- reel Ø max. 800 mm
- core i. D. from 70 mm

### Finished product (hc. sheet):

- Width 1200 mm
- Height 100 mm
- (Corresponding to base material)
- Length endless or defined

### Honey comb cell size:

- 11 mm
- 22 mm
- 44 mm
- 55 mm
- 110 mm
- (other sizes as well possible)



### Machine capacity:

- at cell size 11 mm = 0,65 m<sup>3</sup> / h
- at cell size 22 mm = 1,3 m<sup>3</sup> / h

### Compressed air:

max. 6 bar

### Air consumption

ca. 7 Nm<sup>3</sup> / h

### Power:

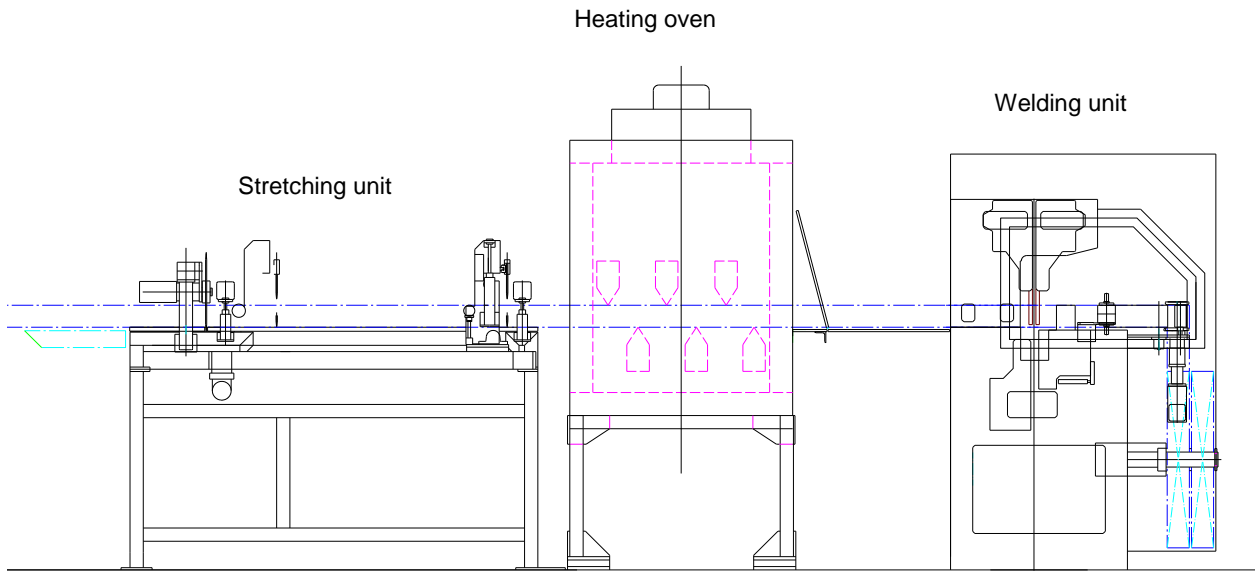
400 V - 3 Phase - 50 Hertz



### Control Voltage:




24 V DC

### Total power consumption:

25 KVA



Sample image	Material	Application
	<p>polycarbonate honeycomb</p>	<p>air vents</p>
	<p>tytar PP honeycomb core small cell size</p>	<p>for air filters</p>
	<p>Foam or Styrofoam filled/polyester honeycomb core with OSB/chipboard as structural insulated panel</p>	<p>construction and building separation walls, light weight structure</p>
	<p>laminated flooring with Mylar honeycomb core</p>	<p>wood replacement doors, furniture, floors</p>

	<p>coated non woven core resistant to 500C</p>	<p>fire doors</p>
	<p>sandwich panel of nomex / carbon coated</p>	<p>marine, aircraft sandwich constructions</p>
	<p>2mm thin typar (PP) small cell size</p>	<p>Carpet underlay, more stability and moist resistant</p>
	<p>coated typar PP/foam filled panel</p>	<p>furniture</p>
	<p>DuPont corian/tyvek</p>	<p>kitchen top</p>
	<p>polyester honeycomb core sprayed with urethane resin simultaneous glued on steel sheet</p>	<p>recreational uses surfboards, caravans, holiday houses</p>

- automotive applications head & arm rests, side impact
- agro industries seedlings, soil less culture
- construction and building separation walls, light weight structure
- wood replacement doors, furniture, floors
- packaging industry damage protection, displays
- marine, aircraft sandwich constructions
- medical support
- recreational uses surfboards, caravans, holiday houses
- industrial filters separation filters, cleaning air & liquids
- bedding/carpet energy absorption, isolation
- soil stabilisation access roads
- sound absorption air curtains
- trucks, boats light weight bodies