

**UIN 201132**

## 11 Technical Data

### 11.1 General

operating voltage	3 ~ 460 V
control voltage	230 V
frequency	60 Hz
container volume	125 l and 45 l

### 11.2 Hydraulic Pressing System

hydraulic pump type	BHT - 25 - RV
oil type	USDA 4 UH
hydraulic pressure	70 bar
low limit set-point interlock (adjustable at the hydraulic aggregate)	60 bar

### 11.3 Filter

#### 11.3.1 Filter mounted in the Inlet air handler by GAT

#### 11.3.2 Product retaining filter mounted in the filter housing

filter type	WECO T15E
material	Polyester
filter area each	2,51 m <sup>2</sup>
mesh size	48 µm
density	0,305 kg/m <sup>3</sup>
max. temperature	150 °C

### 11.4 Gaskets

#### 11.4.1 Profile gaskets

material	silicone rubber
type	ST-EC-60-001
hardness	60 ±5° Shore (DIN 53505)
density	1,16 ±0,02g/m <sup>3</sup> (DIN 53479A)
resistance to extension	10,7 N/mm <sup>2</sup> (DIN53504-S1)
elongation at tear	475% (DIN 53504-S1)

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resistance to tear propagation 32 N/mm (ASTM D 624 B)  
rebound resilience 34% (DIN 53512)  
compression set (22h/175°C) 35% (DIN53517)  
heat resisting 200°C  
suitable for steam strilization at 135°C  
physiological thoughtless  
corresponds to FDA § 177.2600  
USP XXII  
BGA XV  
  
suitable for use at medico-technical and food industry

**11.4.2 Inflatable gaskets**

material silicone rubber  
type ST-EE-30-101  
hardness 33 ±5° Shore (DIN 53505)  
density 1,11 +/-0,02g/m³ (DIN 53479A)  
resistance to extension 9,2 N/mm² (DIN53504-S1)  
elongation at tear 735% (DIN 53504-S1)  
resistance to tear propagation 16 N/mm (ASTM D 624 B)  
rebound resilience 50% (DIN 53512)  
compression set (22h/175°C) 40% (DIN53517)  
temperature resisting -60° ...200°C  
physiological thoughtless  
corresponds to FDA § 177.2600  
USP XXII  
BGA XV

**11.4.3 Compressed Air**

compressed air pressure 6 bar (g)  
compressed air quality (oil, water and dust-free)  
Residual moisture content: < 5,5 g/m³  
particle size: 0,1 µm  
Residual oil: < 1 ppm  
  
pressure of the inflatable gaskets max. 3,5 bar  
(adjustable at the pressure controller in the control panel)

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**11.5 Construction material**

**11.5.1 Machine tower**

machine tower	AISI 316 L $\Delta$ 1.4435
- outside	pickled and brush finished Ra<1,2 $\mu$ m
- inside	industry polished Ra<0,3 $\mu$ m
lateral supports	pickled and brush finished 1.4301
inlet- and exhaust air ducts	by customer/GAT
quick action stop valve	1.4301

**11.5.2 Control box, E/P box**

housing	1.4301 $\Delta$ AISI 304
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