



## Tetra Pak Processing Components AB

### Technical Data for homogenizer

Model: Tetra Alex 25	Machine No.: T5845522235	Customer: (
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#### General:

Capacity: 10000 l/h	Working pressure: 200 bar	Inlet pressure: 3-10 bar	Noise reduction: <input type="checkbox"/>	Sound effect level (acc. to ISO 3746): B(A)
Altitude: <1000 m	Ambient temperature: <40 °C	Total mass: 2095 kg	Centre of gravity (a=): 1114 mm	Sound pressure level (distance=1m): dB(A)

#### Wetend design:

Valve design: Cone <input type="checkbox"/> Mushroom <input checked="" type="checkbox"/> Ball <input type="checkbox"/>	Piston diameter: 50 mm	Piston design: Stainless steel <input checked="" type="checkbox"/> Chromium plated <input type="checkbox"/> Ceramic coated <input type="checkbox"/> Ceramic solid <input type="checkbox"/>	Piston packing: Grooved <input checked="" type="checkbox"/> V-packing <input type="checkbox"/>	Remote ind. of product pressure: <input type="checkbox"/> Feed: V DC Signal: mA
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#### Homogenising device design:

Size of 1st stage: 53/62	Size of 2nd stage: 53/62	Remote indication of hydraulic pressure: 1st stage <input type="checkbox"/> 2nd stage <input type="checkbox"/> Feed: V DC Signal: mA	Remote continuous setting: 1st stage <input type="checkbox"/> 2nd stage <input type="checkbox"/> Feed: V DC Control signal: mA Amp.
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#### Drive Motor:

Manufacture: ABB	Model: M2CA280SA 4	Revolution: 1481 rpm	Protection: IP55	Thermistor: <7.5 V DC
Power: 75 kW	Voltage: 380 V	Frequency: 50 Hz	Full load current: 142 Amp.	Starting current: 1014 Amp.

#### Hydraulic Unit:

Manufacture: Bosch	Model: 4722-5471-81
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#### Hydraulic Motor:

Manufacture: ABB	Model: M2AA71B 6	Revolution: 920 rpm	Protection: IP55
Power: 0.25 kW	Voltage: 380 V	Frequency: 50 Hz	Rated current: 0.9 Amp.

#### Pressure Lubrication Motor:

Manufacture:	Model:	Revolution: rpm	Protection:
Power: kW	Voltage: V	Frequency: Hz	Rated current: Amp.

#### Drive Unit:

V-belt type: SPC	Number of tracks: 3	Motor pulley diameter: 375 mm	Gearbox pulley diameter: 355 mm	V-belt length 2360 mm
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#### Reduction Gear:

Manufacture: Benzler	Model: TV111	Reduction: 5,560
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#### Valves:

Cooling water valve: Solenoid <input checked="" type="checkbox"/> Pneumatic <input type="checkbox"/> Voltage: 220 V AC Compressed air supply: bar	Steam valve: Solenoid <input type="checkbox"/> Pneumatic <input type="checkbox"/> Voltage: Compressed air supply: bar	Press. relief valve: 1st Stage <input type="checkbox"/> 2nd Stage <input type="checkbox"/> Voltage: Voltage:
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#### Cooling water supply:

Pressure: 2.4 bar	Consumption: 175 l/h	Temperature: <25 °C	Hardness: <10 °dH
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#### Steam supply:

Pressure: bar	Consumption: kg/h	Temperature: °C
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#### Condensate:

#### Other:

Fluorescent tube: <input type="checkbox"/> Voltage: V AC	Door safety lock: <input type="checkbox"/> Voltage: V AC W	Crankshaft speed sensor: <input type="checkbox"/> Feed: V DC mA
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Date: 2002-10-14	Sign: LGO	Revision: 2
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