



## Tetra Pak Processing Components AB

### Technical Data for homogenizer

Model: Tetra Alex 25	Machine No.: 5845523507	Customer: Unilever, UK
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#### General:

Capacity: 6000-8000 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: 1925 kg	Centre of gravity (a=): 1173 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 type="checkbox"/> Chromium plated <input checked="" type="checkbox"/> Ceramic coated <input type="checkbox"/> Ceramic solid <input type="checkbox"/>	Piston packing: Grooved <input type="checkbox"/> V-packing <input checked="" type="checkbox"/>	Remote ind. of product pressure: <input checked="" type="checkbox"/>
Feed: 14-30 V DC				Signal: 4-20 mA

#### Homogenising device design:

Size of 1st stage: 53/59 ABR	Size of 2nd stage 53/62	Remote indication of hydraulic pressure: 1st stage <input checked="" type="checkbox"/> 2nd stage <input checked="" type="checkbox"/>	Remote continuous setting: 1st stage <input checked="" type="checkbox"/> 2nd stage <input checked="" type="checkbox"/>
Feed: 14-30 V DC		Signal: 4-20 mA	Feed: 24 V DC <2.5 Amp. Control signal: 4-20 mA

#### Drive Motor:

Manufacture: ABB	Model: M3BP280SMA4	Revolution: 1486 rpm	Protection: IP55	Thermistor: <7.5 V DC
Power: 75 kW	Voltage: 415 V	Frequency: 50 Hz	Full load current: 132 Amp.	Starting current: Amp.

#### Hydraulic Unit:

Manufacture: Bosch	Model: 6-4722 5471 81
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#### Hydraulic Motor:

Manufacture: ABB	Model: M2VA71A 4	Revolution: 1410 rpm	Protection: IP55
Power: 0.25 kW	Voltage: 415 V	Frequency: 50 Hz	Rated current: 0.95 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: 355 mm	Gearbox pulley diameter: 425 mm	V-belt length 2500 mm
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#### Reduction Gear:

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

Cooling water valve: Solenoid <input checked="" type="checkbox"/> Pneumatic <input type="checkbox"/> Voltage: 24 V / DC	Steam valve: Solenoid <input type="checkbox"/> Pneumatic <input type="checkbox"/> Voltage: V AC / VA Compressed air supply: bar	Press. relief valve: 1st Stage <input type="checkbox"/> 2nd Stage <input type="checkbox"/> Voltage: V DC / Amp. Voltage: V DC / Amp.
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#### Cooling water supply:

Pressure: 2-4 bar	Consumption: 175 l/h	Temperature: <25 °C	Hardness: <10 °dH	Machine control opt 28
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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
Date: 2004-04-14	Sign: TP	Revision: 6