

Tetra Pak

Tetra Pak Processing Components AB

Technical Data for homogenizer

Model: Tetra Alex 30	Machine No.: 5856838087	Customer:
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General:

Capacity: 3000-8000 l/h	Working pressure: 250 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: 3230 kg	Centre of gravity (a=): 1424 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"/> Tungsten carbide <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: 18/24	Size of 2nd stage: 18/24	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: M3AA280SMA 4	Revolution: 1475 rpm	Protection: IP55	Thermistor: <7.5 V DC
Power: 75 kW	Voltage: 380 V	Frequency: 50 Hz	Full load current: 139 Amp.	Starting current: 986 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: 380 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: 300 mm	Gearbox pulley diameter: 560 mm	V-belt length 2800 mm
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Reduction Gear:

Manufacture: Benzlers	Model: TV151	Reduction: 5,890
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Valves:

Cooling water valve: Solenoid <input type="checkbox"/> Pneumatic <input checked="" type="checkbox"/> Voltage: V DC VA Compressed air supply: 4-7 bar	Steam valve: Solenoid <input type="checkbox"/> Pneumatic <input type="checkbox"/> Voltage: V DC VA Compressed air supply: bar	Press. relief valve: 1st Stage <input checked="" type="checkbox"/> 2nd Stage <input checked="" type="checkbox"/> Voltage: 24 V DC 0.75 Amp. Voltage: 24 V DC 0.75 Amp.
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Cooling water supply:

Pressure: 2-4 bar	Consumption: 455 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 DC W	Crankshaft speed sensor: <input type="checkbox"/> Feed: V DC mA
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Date: 2008-05-15	Sign: TC	Revision: 1
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