



TECHNICAL SPECIFICATIONS: ALDRUM G3 Mega

| DIMENSIONS | |
|----------------------------|--------|
| Length incl. Motor (mm) | 6425 |
| Width (mm) | 1110 |
| Height (mm) | 1744 |
| Weight dry/empty (kg) | 1300 |
| Weight wet/full (kg) | 2200 |
| Drum weight (kg) | 420 |
| Drum length (mm) | 5650 |
| Drum diameter (mm) | 968 |
| Filter cloth (m2) | 13.4 |
| Approx. Casing volume (m3) | 5.3 |
| Country of origin | Poland |

| MATERIALS | |
|---------------|-----------------------|
| Cover | GRP |
| Cover Colour | RAL 7004 (Light Grey) |
| Casing (AISI) | 316 |
| Drum (AISI) | 316 |
| Legs (AISI) | 304 |
| Bearings | HDPE |
| Spray nozzles | 303 |
| Filter cloth | Polyester |

| TECHNICAL DATA | |
|---|--------------|
| Motor speed | 1395 |
| Rotating speed at 50 Hz (rpm) | 5.5 |
| Filter Cloth Type | Spiral Weave |
| Filter Cloth Mesh Size (diagonal hole, width x length mm) | 0.77 x 4.7 |
| Rec. Air changes if ventilated (m3/h) | 63.5 |
| Washing intervals (s) | 15-30 |
| Cleaning pause intervals (s) | 15-45 |
| Min. Wash water pressure (bar) | 5-7 |
| Spray nozzles (no.) | 40 |
| Noise level (dBA) | 64 |
| Noise level whilst spraying (dBA) | 69 |
| Pressure loss across mixing valve (bar) | 0.1-1 |

| CONSUMABLES | |
|-------------------------------|-----------|
| Wash water, typical (m3/h) | 0.7-2.2 |
| Wash water, continuous (m3/h) | 6.8 |
| Power consumption (kW) | 0.55-0.83 |
| ISO 9001 | Yes |

| COMPONENTS | |
|------------------------------------|------------|
| Gear | |
| Country of origin | Germany |
| Gear Ratio | 214.83:1 |
| Colour (RAL) | RAL 5010 |
| Motor | |
| Nord | SK 9033.1 |
| Country of origin | Germany |
| Voltage (V) (option: US / CUS) | 3x230/400V |
| Frequency (Hz) (option: US / CUS) | 50 |
| Thermistor (TF) (option: US / CUS) | Yes |
| Anti-condensation heater | Optional |
| Protection class | IP55 |
| Colour (RAL) | RAL 5010 |
| Solenoid valve | |
| Brand | Bürkert |
| Kv (m3/h) | 10 |
| Voltage (V) | 24 |
| Protection class | IP65 |
| Material casing | NBR |
| Spray nozzles | |
| Spraying system | Floodjet |
| Size | TK3 |
| Hole diameter (mm) | 1.4 |

| CONNECTIONS | |
|------------------------------------|----------|
| Sludge feed (universal flange) | DN200/8" |
| Sludge discharge (rectangular, mm) | 350x655 |
| Filtrate discharge | DN200/8" |
| Wash water (female) | 1" |
| Ventilation (HOSE LINER) | Ø63 |

| SHIPPING DATA (pallet and covered w plastic) | |
|--|------|
| Length (mm) | 6626 |
| Width (mm) | 1200 |
| Height (mm) | 1890 |
| Weight (kg) | 1300 |