



## TECHNICAL SPECIFICATIONS: ALDRUM G3 Mega Duo

DIMENSIONS	
Length incl. Motor (mm)	6425
Width (mm)	2679
Height (mm)	1744
Weight dry/empty (kg)	2600
Weight wet/full (kg)	4400
Drum weight (kg)	2 x 420*
Drum length (mm)	5650
Drum diameter (mm)	968
Filter cloth (m2)	2 x 13.4*
Approx. Casing volume (m3)	2 x 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)	2 x 63.5*
Washing intervals (s)	15-30
Cleaning pause intervals (s)	15-45
Min. Wash water pressure (bar)	5-7
Spray nozzles (no.)	2 x 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)	2 x 0.7-2.2*
Wash water, continuous (m3/h)	2 x 6.8*
Power consumption (kW)	0.55-0.83*
ISO 9001	Yes

COMPONENTS	
<b>Gear</b>	
Country of origin	Germany
Gear Ratio	214.83:1
Colour (RAL)	RAL 5010
<b>Motor</b>	
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
<b>Solenoid valve</b>	
Brand	Bürkert
Kv (m3/h)	10
Voltage (V)	24
Protection class	IP65
Material casing	NBR
<b>Spray nozzles</b>	
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)	2 x 6626*
Width (mm)	2 x 1200*
Height (mm)	2 x 1890*
Weight (kg)	2 x 1300*

\*Note that 1 x G3 Mega Duo consists of 2 x G3 Mega