

TECHNICAL DATA



Mobile Processing & Regeneration Unit HYBRID - 1

Nominal flow rate:	6000 ltr/h
Minimum flow rate:	2500 ltr/h
Energy requirement:	300 KVA – integrated generator or with external generator 400V, 3 phase, 200A, 5x Power Lock
Supply pump:	Suction head 0 m
Outgoing pump:	Delivery height 18 m (max.)
Heating power total:	180 KW
Max. temperature rise:	40°C
Normal temperature range:	30-80°C
Filter - coarse:	150 µm
Filter - fine:	0.5 µm
Particle removal:	98% >0.5 µm
Number of columns:	8 (2 rows of 4 columns each)
Amount of bauxite per column:	320 kg

Flow rates (before saturation state of the bauxite material)

DBDS:	20.000 ltr.
Acidity:	50.000 ltr.

Vacuum pumps:

Transformer draining

Vakuum pump:	280 m ³ /h
Vakuum Booster:	1.000 m ³ /h
Final vacuum in the transformer:	0,5 mbar (allowed leakage loss rate/tank)

Degassing system:

Vakuum pump:	280 m ³ /h
Vakuum Booster:	1.000 m ³ /h
Final vacuum in degassing tank:	0,05 mbar

Dimensions:

Length:	13,5 m (total) + approx. 3.0 m with tractor unit
Height:	4,00 m
Width:	2,55 m
Max. Gross weight:	38 Tons (permanent 25 tons)
Axle weight:	8 Tons x 3

Further details:

Temperature range:	30-80°C
Heating capacity:	180 KW
Noise level:	60-100 dB(A) inside 40-60 dB(A) outside
Exhaust emissions:	On request

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Further information: www.electricaloilservices.com