Processing Experts

Polyfloat® Plastics Separation

Manufacturer:	SICON GmbH, Leiblein GmbH, etc.
Type:	Polyfloat®
Required Space:	ca. 75m²
Throughput:	500 – 1.500 kg/h
Separation principle:	Density based Swim-Sink-Separation
Possible Densities:	0,9 - 1,3 g/cm³
Inputmaterial:	Plastics, ideal ‹ 15 mm
Prior Use:	PVC-Separation from ASR-Plastics
Condition:	pre-owned, dismantled, stored, new painting necessary
Age:	6 / 8 years
Operational Time:	ca. 2.000 hours
Power:	400 V, 50 Hz, 188 kW
Components:	1 Washing centrifuge 1 Filtration box for water from washing centrifuge 1 Mixing tank for mix of material in separation media 1 Separation tank with lamellarprinciple and 2 outputs 2 Dewatering Screws (light fraction and heavy fraction each) 1 Drying centrifuge including filter 1 Dewatering screen 1 Control cabinet Various pumps Various flex-tubes Various pneumatic pipes incl. fans and cyclones Various fixing material
Function principle:	The material (e.g. plastics) is washed by a washing centrifuge, dirt is separated. The clean material will be transported pneumatically into the mixing tank, where it will be mixed with the separation media (e.g. magnesium sulphate) and subsequently pumped in the separation tank sideways. The lightfraction is discharged by flex-tube and dried trough dewatering screen, - screw and drying centrifuge. The heavy fraction is dried through dewatering screw and also by thermal drying. The Drying functions can be arranged differently, depending on which quantities arise in which fractions.
Separation results:	Density Accuracy up to 99,8% Yield up to 98,6 %

› Contact:

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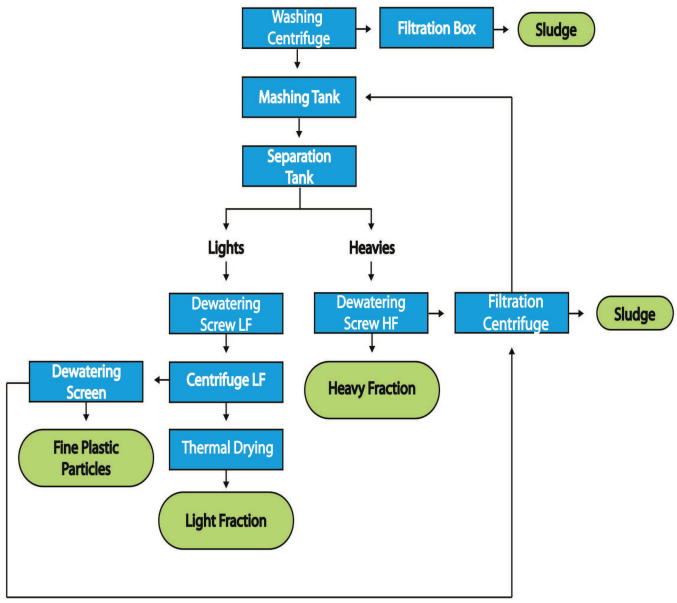
Price: 290.000 EUR net (excl. VAT)

(269.000 EUR for Universities)
Financing for max. 12 months possible



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