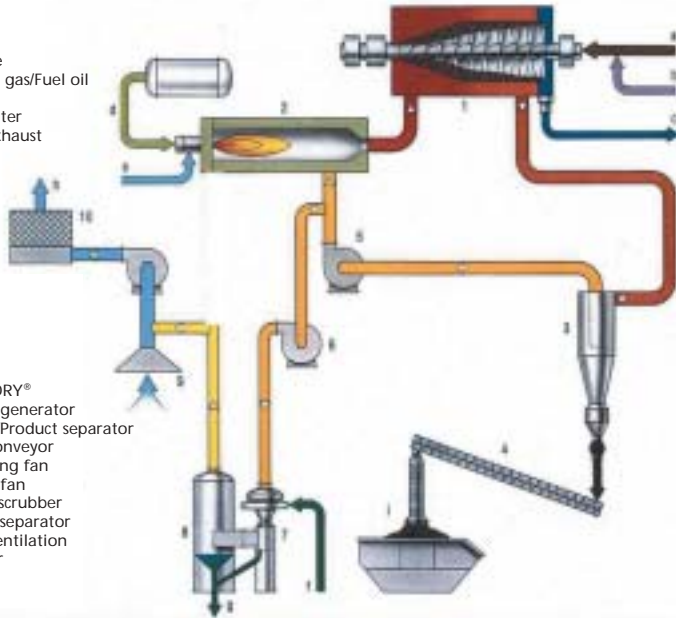




Specialists in Sludge Drying

a Sludge
b Polymer
c Centrate
d Digester gas/Fuel oil
e Air
f Washwater
g Clean exhaust
h Product



1 CENTRIDRY®
2 Hot-gas generator
3 Cyclone/Product separator
4 Screw conveyor
5 Circulating fan
6 Exhaust fan
7 Venturi scrubber
8 Droplet separator
9 Room ventilation
10 Bio filter



CENTRIDRY®

- Dewatering and drying in a single machine.
- Water evaporation capacity from 500 to 2,000 kg/h.
- DS content between 65 and 90 %
- No back-mixing of dried product, simple plant design based upon proven Centrifuge technology with minimal peripheral equipment
- Short start-up and shut-down time
- Thermal stage can be fuelled by oil, natural gas, bio-gas or waste heat
- Requires relatively small building
- Low manning level, automatic operation

The Centridry® combines centrifuge dewatering with a thermally efficient flash drying stage in one unit. A conventional centrifuge has been modified to include an additional thermal jacket into which the dewatered cake is discharged. Hot gas, driven by a re-circulating fan, dries and pneumatically transports the sludge to the cyclone where the dried product is separated from the vapour stream and discharged to the product outloading stage. The product free vapour is returned to the hot gas generator for re-heating with excess vapour being drawn off via a condenser stage prior to discharge to atmosphere. The final product can be pelletised and is suitable for agriculture or thermal utilisation.

Euroby Drying Technology Ltd

Columbia House, Columbia Drive, Worthing, West Sussex BN13 3HD

T - 01903 69 44 00 F - 01903 69 44 77 E - sales@euroby.com www.euroby.com



Specialists in Sludge Treatment Dewatering and Drying

Products and Services

- Centrifuge Sales & Rental
- Maintenance of all centrifuges (24hr callout)
- Dryer Sales for municipal sludge, chemicals, foods & fodder, plastics minerals and soils
- Lime and Chemical Pathogen Kill
- Filter press sales
- Maintenance of filter presses
- Sales of filter cloths, plates and spares
- Operational Services
- Belt Conveyor Sales
- Odour Control Systems
- Cake handling systems and lorry live bottom discharge/transfer equipment
- Lagoon clearing and emptying
- Ultrasonic disintegration systems

Visit www.euroby.com

Euroby Ltd

Columbia House, Columbia Drive, Worthing, West Sussex BN13 3HD

T - 01903 69 44 00 F - 01903 69 44 77 E - sales@euroby.com www.euroby.com