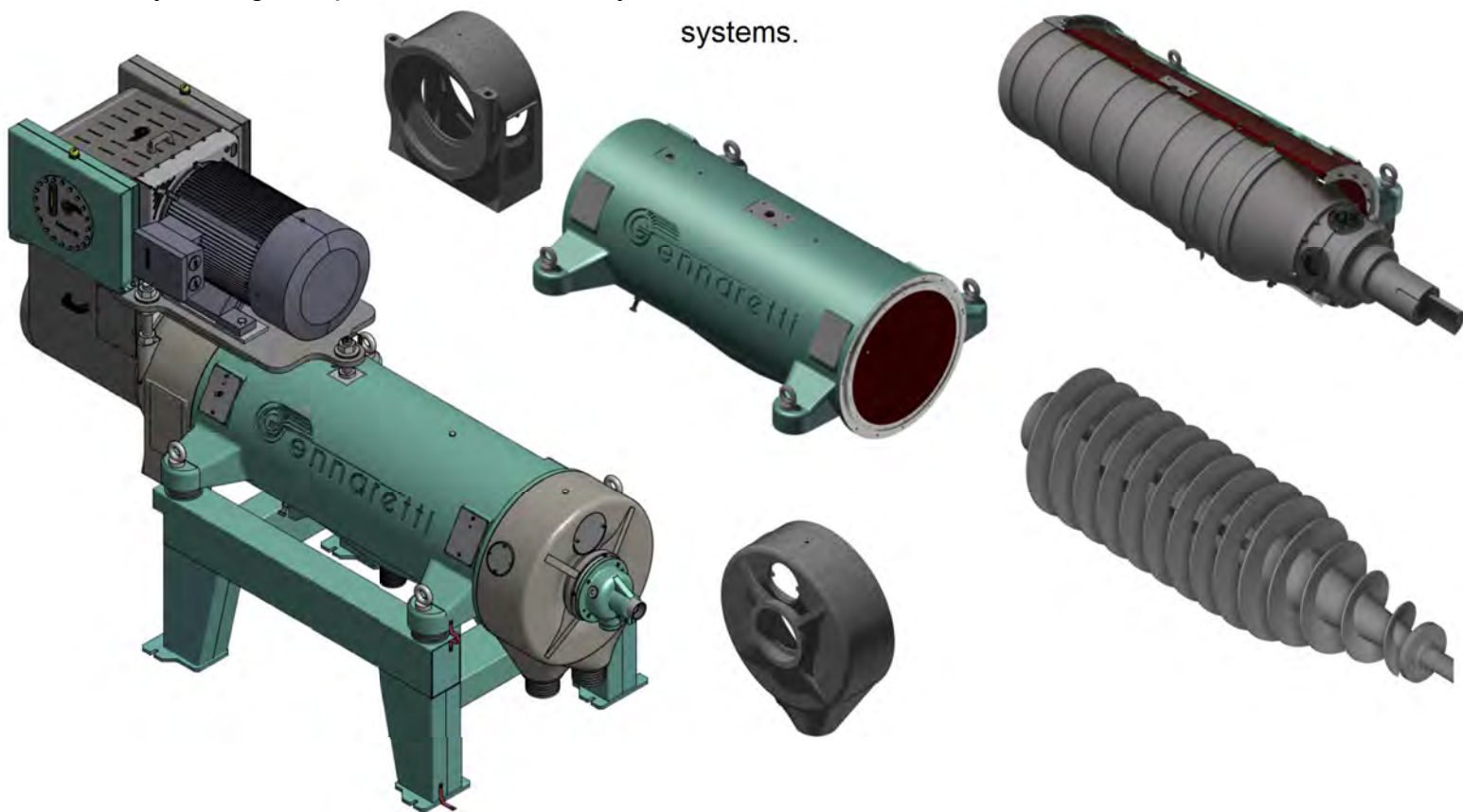


## Brief Company introduction

GETECH was founded in 1983 to build high quality / high performance centrifuge decanter systems. This brochure is the summary of our experience with, research & development into, field reliability testing and production of these systems.



We belong to a small circle of manufacturers listed in the “Decanter Centrifuge Handbook”.

In 2006 we earned ISO 9001 and ISO 14001 certifications.

Our commercial suppliers are European leaders (ABB, Siemens, Panasonic, Omron, Sumitomo, SKF, Linde, Parker, Castrol), and only commercial components are used.

Our drawing components are made of best available raw materials: the main body is an iron casting, the solid and liquid discharge are stainless steel castings, the screw shaft is fabricated from a round bar. We then cut, drill, weld, turn, mill, balance, paint and assemble all components in our manufacturing site in Jesi, Italy, so quality is continuously under our control.



Our business continues to be the design and the construction of centrifuge decanters and their containerized turn key plants (liftable on a truck/ship).

Complete plants are turn key type only, so customer will have one reference, one guarantee, an exact cost amount and a short startup time.

Our objective is to get the maximum performance in the minimum footprint area with automatic operation, without the need for an operator standing next to the machine at all times.





Our approach starts with listening carefully to the customer technical data. We then receive field mud samples, laboratory test it, choose appropriate chemicals, and then propose a technical/economical offer. After the order and the delivery, we provide complete plant commissioning.



We usually also cooperate in design and commissioning for customer plant upstream and downstream the decanter.

Finally, after many years of operation, we can revamp your decanter as a new one, or upgrade it to a current production one, both mechanically and electronically.

### **Main centrifuge features:**

Our centrifuge is an uncompromising mix of performance, reliability, components oversizing, footprint compactness and user friendly approach.

Long experience has driven us to design and produce only the state of the art solutions. Current production has a range of seven decanter sizes to fit any requirement; range can be summarized as follows:

Weight 700 to 17'000 Kg, motor power 7,5 to 315 kW, bowl diameter 250 to 750 mm, bowl length 863 to 3611 mm, dry solids flow rate 0,4 to 60 tons per hour, mud flow rate 2 to 150 cubic meters per hour.

Detailed mechanical and electric brochures are available as separate documents for each decanter type.

## Favourite fields:

We focus our efforts on fields requiring high performance, which are generally heavy industrial sectors.

### 1) Drilling and tunneling:

Our experience started in 2010 with bentonite recovery, bentonite dehydration, cement mud.

### 2) Quarry and buildings / asphalts recycling.

We began mining mud separation in 2002, and have installed many centrifuges in Italy, Europe and Australia.

### 3) Petrochemical:

Our experience started in 1995, and our products were installed for slop oil tanks, waste lagoons and refinery facilities. We provide explosion proof plants.

We can furnish your field references and videos/photos on request.

## Field test and client rental:

We have in our workshop three turn key plants:

- 1) 10' container, whose centrifuge has a 11 kW motor, and its mud capacity is 1 – 4 cubic meters per hours, depending on the physical – chemical characteristic of the sludge.



- 2) 6,2 m. x 2,2 m., height 2,7 m., mobile plant, whose centrifuge has a 30 kW motor and its mud capacity is 8 – 15 cubic meters per hours, depending on the physical – chemical characteristic of the sludge, 3 tph of dry solids.



- 3) 40' container, whose centrifuge has a 75 kW motor and its mud capacity is 20 – 50 cubic meters per hours, depending on the physical – chemical characteristic of the sludge, 12 tph of dry solids.



Those plants have worked in heavy industrial separation since 2003.

Commissioning is always performed by us.

Documents containing performance information, are in <http://www.getech.it/en/prodotti/depliant-download/>



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