



JET GROUTING SPRITZ BETON CEMENT SPOIL

Getech Srl is born following the footsteps of Gennaretti S.p.A. and today it can count on a consolidated experience, thanks to over 35 years of research, development and application in the field.

We manufacture centrifugal systems and plants in order to improve production processes and the solid-liquid treatment techniques.

Thanks to a unique project and to the use of the best raw materials and components, our centrifugal systems can be employed in different processes of slurry treatment, from the drilling and mining sector to the chemical industry, from the environmental sector to the food one.

Passion and research of continuous improvement has led us to a gradual but constant growing, becoming one of the most important manufacturing companies as well as an appreciated business partner both in Italy and overseas.





THE CONSTRUCTION of today's infrastructures requires a significant commitment by new techniques concerning the ground and structural improvement.

The main technologies used for such works are **jet grouting** or **spritz beton**. However, they present management problems of the generated slurry.

Gennaretti centrifugal plants are the ideal solution for the treatment of cement slurries and spoil.

The decanter centrifuge can treat the material, separating it into dry solid and clarified water.

*Two logistical and environmental advantages derive from the treatment process: both the dry solid and the water can be disposed of, thus **accelerating the disposal processes** and **reducing costs**. Alternatively, they can be recycled and reused in construction site activities; therefore, the consumption of raw materials is limited, mainly of water.*

Moreover, **it is possible to carry out the pH correction of the material**, by means of some settings and rapid regulations of the plant.

The GHT decanter centrifuge is suitable for the treatment of slurries as abrasive as spoil.

The main components are casted in stainless steel and in HARDOX 450, anti-wear and anti-abrasiveness.



Our centrifugal systems can treat from 5 m³/h to 130 m³/h.

Therefore, Gennaretti plants separates volumes of slurry that varies depending on the needs of the customers and on the installed machine.

The dry solid quantity that will be discharged depends on the density of the incoming slurry.



APPLICATIONS

- Dewatering of cement slurries and spoil from ground improvement works with **jet grouting** techniques;
- Dewatering of cement slurries and spoil from structural improvement works with **spritz beton** techniques;
- pH correction of the treated spoil.

ADVANTAGES OF GENNARETTI TECHNOLOGY

The plant is supplied "turnkey" and it is designed for the optimisation of:

- recovery of cement slurries, producing dry solid easy to transport, allowing the reduction of clean water consumption and disposal costs;
- start-up time and automatic work;
- ratio between treated volume and occupied space;
- manpower, in fact one operator can manage the whole system in automatic mode, by means of Gennaretti software;
- high volume treatment;
- continuous and automatic adjustment of the screw in order to maintain the throughput;
- slurry disposal and transport;
- work of abrasive slurries.



GETECH s.r.l.

60035 JESI (An) ITALY
Via Roncaglia, 10

Tel +39.0731.200200
Fax +39.0731.218724

sales@gennaretti.com
www.gennaretti.com

MADE IN ITALY

100 % designed and
manufactured in Italy