

## THE IMPORTANCE OF ORIGINAL SPARE PARTS

It is completely normal for some parts of a machine to age before others, especially if the use is very intense for load and daily hours. Some consumable parts must be replaced during time to maintain performance.

And this is not a small matter, these problems must be held in high regard and resolved as soon as possible: every hour or day of plant shutdown means a lack in waste treatment, with related disposal problems and unforeseen extraordinary costs.

For this reason, correct programming of the spare parts warehouse is essential: this allows to program the maintenance of the machines, guaranteeing excellent and constant performance, reducing the possibility of unexpected plant downtime and, in any case, always being ready in case of emergency .

The original spare parts are always the safest answer. Coming directly from Teknofanghi, the original pieces ensure the inalterability of the performances and are covered by the further guarantee both in terms of quality and duration. The original spare parts are designed specifically for the unit that requires maintenance, thus guaranteeing perfect and therefore immediate assembly, to optimize intervention times and, ultimately, the operation of the machine.

## THE EFFICIENCY OF THE WASHING SYSTEM

Our filter cloths are kept clean with an automatic washing system, **using special Teknofanghi designed spray nozzles**, which use less water and rapidly maintained without the use of any tools.

Yes, because the **maintenance of the washing system** is something that seems banal but **should not be underestimated**. Do you know what happens without a correct maintenance of the washing system?

Let's have a look: washing water contains salts and solid particles that, in the long run, can **abrade and deteriorate the nozzles**, reducing the efficiency of the washing system and consequently the efficiency of the filtering cloths.

How can the situation be solved? With a **very simple and rapid replacement of the damaged nozzles**. A small investment for a great result:

DAMAGE NOZZLES



DAMAGE NOZZLE



NEW NOZZLE



- EASY PROCEDURE FOR NOZZLE REPLACEMENT: NO TOOLS ARE NEEDED
- GREAT EFFICIENCY GUARANTEE IN WASHING OPERATIONS
- GREAT EFFICIENCY GUARANTEE IN FILTRATION AND DEWATERING
- SCHEDULED MAINTENANCE WITH NO EMERGENCY SITUATION



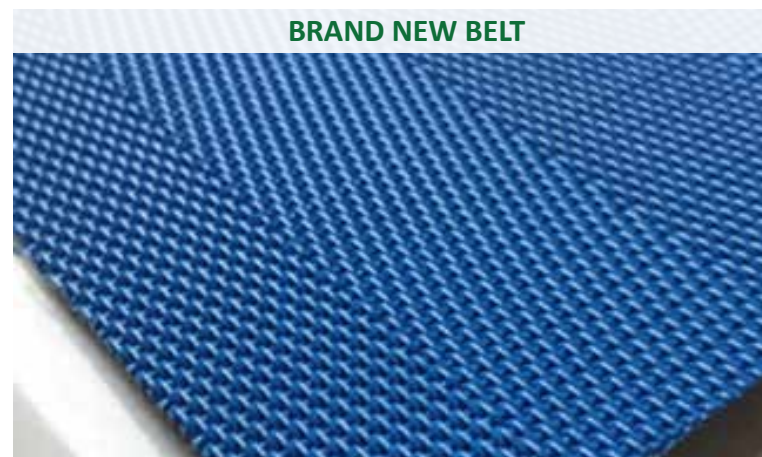
## WHEN a BELT MAKES the DIFFERENCE: did you get a CHECK-UP to your SCRUDRAIN®?

The belts used for our SCRUDRAIN® are realized with the best materials and technologies, which allow us to guarantee it for 3 years against technical defects.

**But what happens during years of operation?** You can see it immediately: with rotation, pressure and abrasion, the **texture** of the belt **deteriorates and gradually flattens**, with a **reduction of the porosity and the permeability**.

The consequence is a **reduction of the efficiency** and an **increase of costs** for the dewatered and thickened sludge final disposal.

What to do? **SIMPLE: A CHANGE OF THE BELT.**



Why?

- GREAT EFFICIENCY GUARANTEE IN FLOW AND DRYNESS
- REDUCTION IN COSTS FOR SLUDGE FINAL DISPOSAL
- SCHEDULED MAINTENANCE WITH NO EMERGENCY SITUATION
- REDUCTION OF ALARM SITUATION AND MACHINE STOP

## THE CARTRIDGE DISK FILTER

Washing water is an important component for the maintenance of the operating efficiency of Teknofanghi machines. For this reason, our units are fitted with a **cartridge disk filter** (optional on SCRUDRAIN®).

**DISK FILTER**



This disk filter has a filtering capacity up to 200 micron and it is useful to **avoid the clogging of the washing nozzles** and, in presence of a **solenoid valve**, it also **avoids blocking problems**.

Which are the consequences in case of **deteriorated or completely clogged disk filter**? These problems can cause a **reduction of the pressure of the washing water**, with a **reduction of the efficiency of the washing operation** and consequently of **dewatering and filtering process**.

If your machine is not equipped with this disk filter, we suggest you install it; if you already have it, please always make a good maintenance and **have a spare pack element for it**.

**CLOGGED DISK FILTER**



With this little shrewdness you have lot of advantages:

- **GREAT EFFICIENCY GUARANTEE IN WASHING OPERATIONS**
- **GREAT EFFICIENCY GUARANTEE IN DEWATERING AND FILTERING PROCESS**
- **NO PROBLEM IN THE OPERATION OF THE SOLENOID VALVE**
- **QUICK MAINTENANCE WITH NO EMERGENCY SITUATIONS**