



**HILLER**<sup>®</sup>

*Applied Physics of Life.*

# Generational Change of **HILLER**<sup>®</sup> -Decaners in Tunneling



With their **DDF**<sup>®</sup> technology **HILLER**<sup>®</sup> now also supply high-grade dewatering decaners for substantially larger tonnages of accumulating drilling mud at a continuously high dewatering performance level.



**HILLER® decanters** have been used for 'drilling mud' in vertical exploration drilling for the development of oil and gas fields for more than 20 years.

For over 10 years **HILLER® decanters** have not only been used in horizontal drilling for the development of traffic routes and the construction of roads, railroads, and metro lines but also for drilling supply and disposal tunnels for the management of water, waste water and energy to clean bentonite, barite, and drilling polymer scavengings when so-called hydro-shield driving techniques are applied.

The separating methods regard

- the conditioning of scavengings
- the disposal of scavengings
- the recovery of bentonite or barite

**NEW development for processing scavengings from the heading basin:**

### Product line of the DecaDrillingFluid® series

|                             |       |       |                 |       |       |       |
|-----------------------------|-------|-------|-----------------|-------|-------|-------|
| Type                        | DDF45 | DDF51 | DDF58           | DDF66 | DDF76 | DDF84 |
| Processing performance from | ←     |       | 4 t/h to 50 t/h |       | →     |       |

**HILLER® decanters** with hydraulic drives for working with high torque are successfully applied for the construction of large-scale tunnels and micro-tunneling.

**HILLER® decanters** using the **DECAPRESS®** high-grade dewatering technology are successfully applied WORLDWIDE for loads of 1 to 20 t/h.

**HILLER® DDF® decanters** represent our **state-of-the-art** technology and are **IMMEDIATELY** available for loads of **30 to 50 t/h**.

Even with changed slurry input and flowing conditions in the decanter, new hydraulic drives with a wider speed range and higher oil output allow for the processing of slurry quantities 20% to 50% higher than usual.

We keep working on the optimum performance maximization of the **HILLER® decanter technology**.



- High-grade dewatering performance, like in scavenging disposal
- High load processing, like in scavenging conditioning
- High processing performance, like in bentonite recovering are our standard.

Contact us and tell us about the requirements at your construction site.

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