



HUBER

Screenings Compactor Ro7

A combination of screw conveyor and screenings press

- ▶ Optional with screenings washing system

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Design and function

HUBER Screenings Compactor Ro7 units are used for the compaction, dewatering, and volume reduction of screenings and a large variety of waste materials from industrial processes.

The screenings to be treated enter the machine directly from the screen through an inlet hopper. A sturdy conveying and compacting screw transports the solids inside the closed rising pipe into the compaction and dewatering zone. The Ro 7 is fully enclosed thus eliminating odour nuisance. At the end of the compaction and dewatering zone the dewatered and compacted material is discharged into a container.

The carbon-rich press liquor is discharged into the channel. Automatic cleaning via a solenoid valve is provided for the collection trough below the machine and the press zone chamber in the area of the compaction and dewatering zone.

Optional automatic addition of wash water exposes the screenings to heavy turbulences thus achieving efficient separation of organic particles and washout of screenings. The washing intensity and washing cycle are adjustable.

The benefits of the HUBER Screenings Compactor Ro7 at a glance:

- ▶ Compaction of up to 35 % DS
- ▶ Reduced disposal costs
- ▶ Easy to remove press zone chamber and collection trough
- ▶ Completely made of stainless steel and acid treated in a pickling bath
- ▶ Carbon is returned to the wastewater
- ▶ Insensitive to coarse material
- ▶ Variable installation angle
- ▶ Optional bagging unit for fully enclosed, odour-free screenings disposal
- ▶ Optional screenings washing
- ▶ Optional heating and insulation for outdoor installation



HUBER Screenings Compactor Ro7 – compact design, with optional screenings washing.

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