

DecaPress Mining



The HILLER DecaPress Mining - an example of how the highest process engineering standards and operational stability can be combined without compromise, even under dynamic operating conditions.

Since its invention, the solid bowl centrifuge has established itself as an efficient and reliable technology in many market segments of solid/liquid separation.

The decanter centrifuge for separation consists of the rotating assembly, housing, base frame and the drive system for the bowl and scroll. The rotating assembly consists of the feed tube, the scroll, the cylindrical bowl in which the separation takes place and the conical bowl into which the scroll presses the solids and then discharges them.

Applications:

- Industrial wastewater
- Tailings
- Tunnelling
- Soil remediation
- Gravel & sand washing
- Oil & gas drilling
- Acid mine drainage
- Precious metall processing
- Lithium
- Phosphate

ADVANTAGES - HILLER Technology:

HILLER DecaPress Mining centrifuges offer an optimal combination of robustness, efficiency and flexibility.

■ Maximum dewatering performance: Reduced residual moisture minimises the costs of processing and increases the efficiency of the projects. This ensures better material handling and lower disposal expenses.

- **Robust design:** HILLER centrifuges are designed for use under the most demanding conditions. They offer effective wear protection thanks to resistant materials that ensure a long service life even in abrasive applications.
- **Easy operation and maintenance:** With our SEE-Control Pro technology, we enable intuitive control and ma-

ximum operational reliability. A continuous process and fully automated operation reduces labour costs.

- **Small footprint:** Compared to other technologies, HILLER decanter centrifuges require less space and have an excellent footprint-to-throughput ratio.



TECHNICAL DATA

	DP48*	DP57*	DP66*	DP76*
Length* (mm)	3700	4100	5000	5400
Width* (mm)	1550	1550	1900	1900
Height* (mm)	1150	1150	1450	1550
Weight* (kg)	3900	4500	9000	10500
Power Consumption (kW)	37 + 45	75 + 75	90 + 110	132 + 160
Max. Solids Load (t/h)**	9	15	22	30
Max. Hydraulic Capacity (m³/h)**	25	50	75	110

* Dimensions and weight refer to the decanter only.

** The throughput rates are guide values and must be considered individually for each project.

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