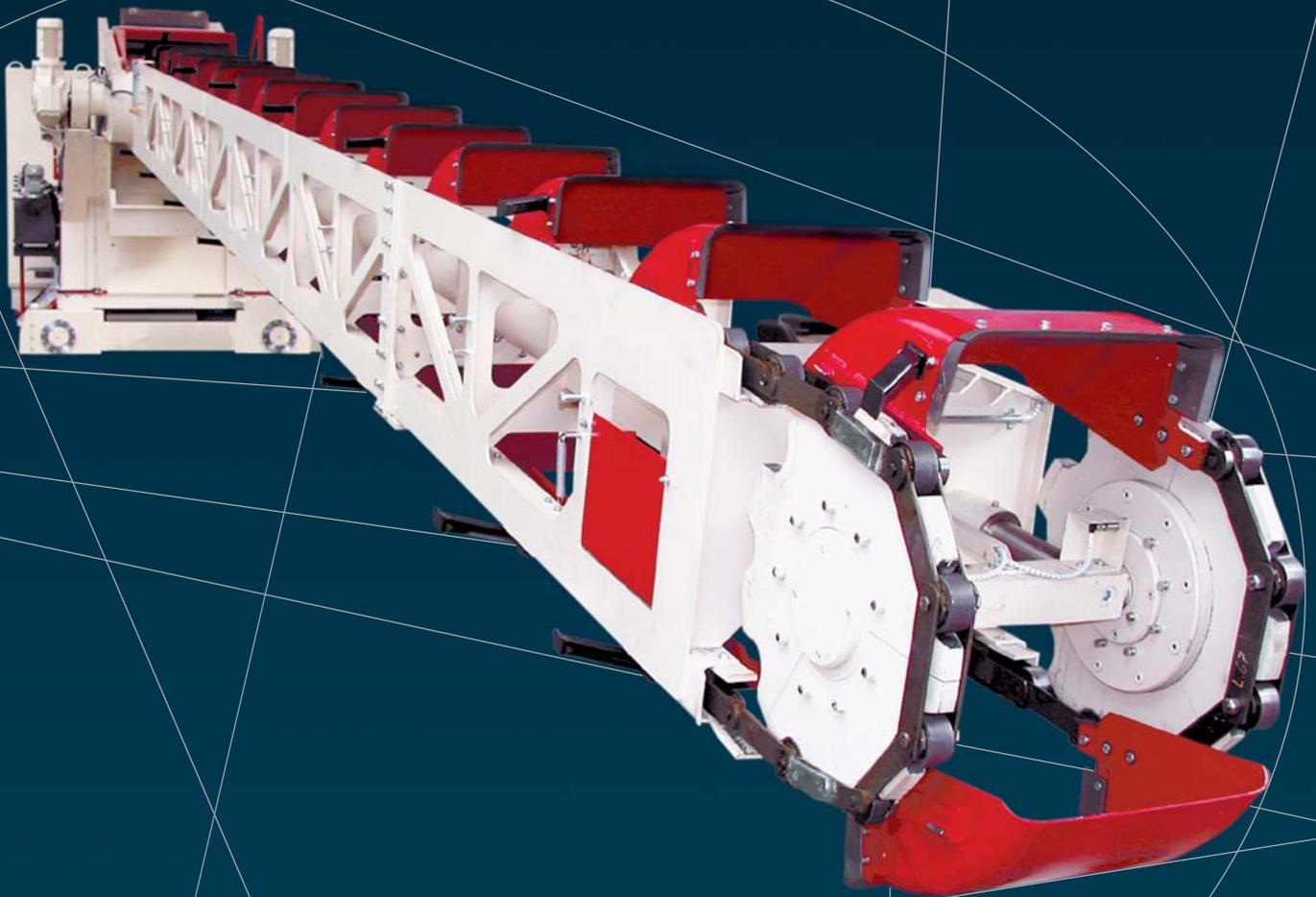


HÄNDLE souring plant excavators for cross and longitudinal dredging - efficient system for storing and retrieving raw materials

Souring plant excavators for cross and longitudinal dredging

EKBL/ EKBQ



The HÄNDLE souring plant excavator series

HÄNDLE's line of souring plant excavators includes a series of type-EKBL longitudinal-dredging excavators and a collection of type-EKBQ cross dredgers. Both type series are available with 30-, 45-, 60-, 75- or 100-liter buckets corresponding to discharge capacities of 45, 60, 80, 100 or 130 m³/h. Custom-sized buckets can be provided with volumetric capacities of up to 200 l. Longitudinal souring plants are the most-used type of dredging retrieval system. They offer

storage capacities ranging from roughly 1000 to 15000 m³. Longitudinal-dredging excavators come with ladder lengths ranging from 7 m to 18 m and a maximum swivel range of 90° (+45° to -45°).

Cross-dredging souring plants enable optimal blending. Their storage capacities range between 3000 and 35000 m³. The cross dredger and its excavator traverser are designed for basin widths of 10 to 30 m and basin depths of 6 to 11 m.

Defining characteristics

- Sturdy, heavy weldment, as required for smooth operation of dredger and traverser
- Bucket-position detection via inclination sensor
- Ladders raised and lowered by hydraulic action and two-stage lifting speed control
- Tapered buckets with curve transitions between bottom and sides for optimal emptying
- Plastic wear plates providing lateral guidance for the bucket chain
- Automatic bucket-chain lubrication with sprayed oil/ air (on-chain sensing of lube points)



Efficient system for storing and retrieving raw materials: HÄNDLE's new longitudinal-dredging excavator program

Technical data

TYPE	Bucket capacity Liter	Bulk excavator capacity m ³ /h	Ladder length m	Ladder swivel range ¹ max. °degrees	Basin depth / width m	Power requirement excavator chain kW
EKBL	30 - 150	45 - 170	7 - 18	+45° bis -45°	-	1 x 18.5 bis 2 x 30.0
EKBQ	30 - 150	45 - 170	11 - 18	0° bis -45°	6 - 11/ 10 - 30	1 x 18.5 bis 2 x 30.0

¹ Any arbitrary increment is possible within this range

Subject to technical modification due to ongoing development.