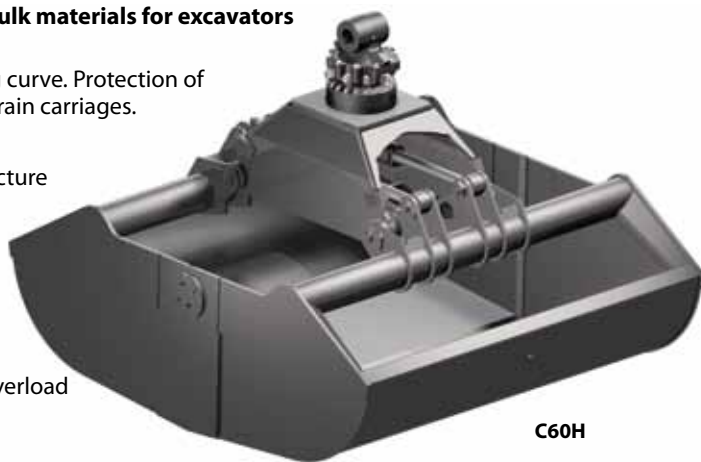


# Re-handling Clamshell Buckets

# C60H / C80H

**Durable Re-handling Clamshell Bucket, especially for loading bulk materials for excavators from 40t to 60t (C80H: 80t) operating weight.**

- Maximum volume due to widely spaced pivots with a flat closing curve. Protection of the ground surface is guaranteed, e.g. discharge from boat and train carriages.
- Precise positioning with an integrated rotorator.
- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges. Shell back walls (8 mm, HB 400) also resist highly abrasive materials. Bearing points with specially coated bushings and hardened pins.
- C60H: equipped with 15t-rotator KM 15 F273-70 with high bending moments of 50000 Nm.
- C80H: robust, fully integrated rotorator that is fixed at 4 points to withstand external forces, with pressure relief valve to ensure overload protection, with connecting hoses located inside the hub.
- Integrated non-return valve guarantees security of the load.
- Excellent digging characteristics are the result of high closing forces (74 kN at an operating pressure of 35 MPa. For C80H even 95 kN).



C60H

## Re-handling Clamshell Buckets C60H / C80H

Type	Opening (mm)	Width B (mm)	Height C (mm)	Volume (litre)	Self weight (kg)	Load capacity (kg)	Torque (Nm)
C60H-125	2735	1250	1650	1875	1670	9000	2000
C60H-150	2735	1500	1650	2250	1730	9000	2000
C60H-175	2735	1750	1650	2625	1810	9000	2000
C60H-200	2735	2000	1650	3000	1930	9000	2000
C60H-250	2735	2500	1650	3750	2270	9000	2000
C80H-125	3050	1250	1960	2500	2400	10000	3000
C80H-150	3050	1500	1960	3000	2500	10000	3000
C80H-175	3050	1750	1960	3500	2600	10000	3000
C80H-200	3050	2000	1960	4000	2700	10000	3000
C80H-250	3050	2500	1960	5000	3000	10000	3000

**Package consists of:** re-handling clamshell bucket, C60H: **KINSHOFER** rotator / C80H: integrated **KINSHOFER** rotator with 4 fixing points (pin-Ø 70/width 180 mm) and non-return valve

## KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper connection (width x pin-Ø) (mm)	Torque (Nm)	Moment of deflection max. (Nm)
C60H: KM 15 F273-70	180 x 70	2000	50000

## Accessories

Type	Description
KM 501 19t-60t	upper suspension without pendulum damper
KM 511 19t-60t	upper suspension with pendulum damper
SW40 cardanic	adapter for Lehnhoff grab exchange system SW/MS40 without suspension – up to 70t adapter for quick exchange systems from other manufacturers available

## Requirements of Excavator

	C60H	C80H
<b>Operating pressure (open/close):</b>	<b>max. 35 MPa (350 bar)</b>	<b>max. 35 MPa (350 bar)</b>
<b>Operating pressure (rotate):</b>	<b>max. 15 MPa (170 bar)</b>	<b>max. 17 MPa (170 bar)</b>
<b>Pump capacity (open/close):</b>	75 - 150 l/min	100 - 300 l/min
<b>Pump capacity (rotate):</b>	max. 60 l/min	25 - 60 l/min

## Technical Drawings

