

Clamshell Bucket

C03H

Robust clamshell bucket in compact form for mini excavators from 2t / 4400 lbs to 3t / 6600 lbs operating weight.

- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges.
- Reduced wear resulting from generously dimensioned bearing system.
- Maximum loading height is achieved through the compact design.
- Excellent digging characteristics are the result of high closing forces (26 kN / 5720 lbf at an operating pressure of 26 MPa / 3744 psi).
- Cylinder protection included (starting at width 350 mm / 13.78 in).



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Type	Width E (mm/in)	Opening A (incl. teeth) (mm/in)	Height C max. (incl. teeth) (mm/in)	Volume (litre/c.y.)	Number of teeth	Self weight (kg/lbs)	Load capacity (kg/lbs)
C03H-25	250 / 9.84	880 / 34.65	850 / 33.46	45 / 0.06	3	130 / 286	1500 / 3300
C03H-30	300 / 11.81	880 / 34.65	850 / 33.46	55 / 0.07	3	135 / 297	1500 / 3300
C03H-35	350 / 13.78	880 / 34.65	850 / 33.46	65 / 0.09	4	145 / 319	1500 / 3300
C03H-40	400 / 15.75	880 / 34.65	850 / 33.46	75 / 0.10	4	150 / 330	1500 / 3300
C03H-45	450 / 17.72	880 / 34.65	850 / 33.46	85 / 0.11	4	160 / 352	1500 / 3300
C03H-50	500 / 19.69	880 / 34.65	850 / 33.46	95 / 0.12	4	165 / 363	1500 / 3300

Package consists of: clamshell bucket, bolt-on teeth, **KINSHOFER** rotator, cylinder protection (starting at the width of 350mm/13.78in), non-return valve and hose guard

KINSHOFER Rotator

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

Type	Upper connection (width x pin-Ø) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 04 F	84 x 30 / 3.31 x 1.18	850 / 625	3000 / 2215

Accessories

Type	Description
KM 501 1t-8t	upper suspension without pendulum damper
KM 511 1t-8t	upper suspension with pendulum damper
SW01 cardanic	adapter for Lehnhoff grab exchange system SW/MS01 without suspension – up to 2t / 4400 lbs
SW03 cardanic	adapter for Lehnhoff grab exchange system SW/MS03 without suspension – up to 5t / 11000 lbs
	adapter for quick exchange systems from other manufacturers available
KM 680 1t-4t	scraper

Requirements of Excavator

Operating pressure (open/close):	max. 26 MPa (260 bar) / 3744 psi
Pump capacity (open/close):	25 - 75 l/min / 6.61 - 19.82 GPM
Operating pressure (rotation):	max. 32 MPa (320 bar) / 4608 psi
Pump capacity (rotation):	15 - 50 l/min / 3.96 - 13.21 GPM

Technical Drawings

