

Clamshell Bucket

C05H

Robust clamshell bucket in compact form for mini and compact excavators from 3t / 6600 lbs to 5t / 11000 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 (21 kN / 4620 lbf at an operating pressure of 26 MPa / 3744 psi).
- Cylinder protection included (starting at width 350 mm / 13.78 in).



Clamshell Bucket C05H							
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)
C05H-25	250 / 9.84	1090 / 42.91	930 / 36.61	70 / 0.09	3	140 / 308	2000 / 4400
C05H-30	300 / 11.81	1090 / 42.91	930 / 36.61	85 / 0.11	3	150 / 330	2000 / 4400
C05H-35	350 / 13.78	1090 / 42.91	930 / 36.61	100 / 0.13	4	160 / 352	2000 / 4400
C05H-40	400 / 15.75	1090 / 42.91	930 / 36.61	115 / 0.15	4	165 / 363	2000 / 4400
C05H-45	450 / 17.72	1090 / 42.91	930 / 36.61	130 / 0.17	4	170 / 374	2000 / 4400
C05H-50	500 / 19.69	1090 / 42.91	930 / 36.61	140 / 0.18	4	180 / 396	2000 / 4400
C05H-60	600 / 23.62	880 / 34.65	825 / 32.48	115 / 0.15	5	175 / 385	2000 / 4400

Package consists of: clamshell bucket, bolt-on-teeth, **KINSHOFER** rotator, cylinder protection (starting at the width of 350mm), 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
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 5t-8t	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

