

Robust clamshell bucket in compact form for mini and compact excavators from 3t/6600lbs to 6t/13200lbs 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 (21kN/4620lbf at 26MPa/3770psi operating pressure; varies depending on width).
- ▷ **Cylinder protection** (from width 350mm/13.7in).



Clamshell Bucket C05H							
Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Load capacity (kg/lbs)
C05H-25	250 / 9.8	1090 / 42.9	930 / 36.6	70 / 0.09	3	140 / 308	2000 / 4400
C05H-30	300 / 11.8	1090 / 42.9	930 / 36.6	85 / 0.11	3	150 / 330	2000 / 4400
C05H-35	350 / 13.7	1090 / 42.9	930 / 36.6	100 / 0.13	4	160 / 352	2000 / 4400
C05H-40	400 / 15.7	1090 / 42.9	930 / 36.6	115 / 0.15	4	165 / 363	2000 / 4400
C05H-45	450 / 17.7	1090 / 42.9	930 / 36.6	130 / 0.17	4	170 / 374	2000 / 4400
C05H-50	500 / 19.6	1090 / 42.9	930 / 36.6	140 / 0.18	4	180 / 396	2000 / 4400
C05H-60	600 / 23.6	880 / 34.6	825 / 32.4	115 / 0.15	5	175 / 385	2000 / 4400

Package consists of: clamshell bucket, bolt-on teeth, **KINSHOFER** rotator, cylinder protection (from width 350mm / 13.7in), non-return valve and hose protection

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)	Bending moment max. (Nm/ft.lbs)
KM 04 F	84 x 30 / 3.3 x 1.1	850 / 626	3000 / 2212

Accessories

Type	Description
KM 501 1t-8t	upper suspension without pendulum damper
KM 511 1t-8t	upper suspension with pendulum damper
KM 510 1t-8t	single pendulum damper to upgrade the upper suspension KM 501 1t-8t / 2200-17600lbs
KSW03 cardanic	adapter for system L-Lock KMS03L/KHS03L incl. cardan link excl. pendulum damper – up to 6t / 13200lbs
KSW03 cardanic-P	adapter for system L-Lock KMS03L/KHS03L incl. cardan link incl. pendulum damper – up to 6t / 13200lbs
KM 680 5t-8t	scraper

Requirements of carrier machine

Operating pressure (open/close):	max. 26 MPa (260 bar) / 3770 psi
Recommended pump capacity (open/close):	25 - max. 75 l/min / 6.5 - max. 20 GPM
Operating pressure (rotate):	max. 32 MPa (320 bar) / 4640 psi
Recommended pump capacity (rotate):	15 - max. 50 l/min / 4 - max. 13 GPM

Technical drawing

