

Clamshell Bucket with exchangeable shells and vertical cylinder for excavators from 4t / 8,800lbs to 9t / 19,800lbs operating weight – through quick and easy exchange of shells ideal for different applications, for excavation operations, landscaping, trench digging, handling of logs etc. The shells can be changed in less than four minutes.



- ▷ **Economic solution** as only the shells have to be exchanged for another application – bucket carrier, hydraulic cylinder and bearings are integrated into the unit.
- ▷ **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.
- ▷ **Excellent digging characteristics** are the result of high closing forces (26 kN / 5,720 lbf at an operating pressure of 32 MPa / 4,640 psi; varies depending on width).

Clamshell Bucket C08VE

Type	Width	Opening	Height		Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Capacity (kg/lbs)
	E (mm/in)	A (mm/in)	C max. (mm/in)	C min. (mm/in)				
C08VE-32	325 / 12.7	1,330 / 52.3	1,520 / 59.8	1,380 / 54.3	115 / 0.15	3	330 / 726	3,000 / 6,600
C08VE-40	400 / 15.7	1,330 / 52.3	1,520 / 59.8	1,380 / 54.3	145 / 0.19	3	335 / 737	3,000 / 6,600
C08VE-50	500 / 19.6	1,330 / 52.3	1,520 / 59.8	1,380 / 54.3	185 / 0.24	5	345 / 759	3,000 / 6,600
C08VE-60	600 / 23.6	1,330 / 52.3	1,520 / 59.8	1,380 / 54.3	220 / 0.29	5	355 / 781	3,000 / 6,600
C08VE-80	800 / 31.4	1,330 / 52.3	1,520 / 59.8	1,380 / 54.3	300 / 0.39	9	390 / 858	3,000 / 6,600

Package consists of: clamshell bucket, bolt-on teeth, **KINSHOFER** rotator with hose guard, shell exchange aid kit and non-return valve

Exchangeable Shells C08VE-S

Type	Width E (mm/in)	Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Load capacity (kg/lbs)
C08VE-32S	325 / 12.7	115 / 0.15	3	130 / 286	3,000 / 6,600
C08VE-40S	400 / 15.7	145 / 0.19	3	135 / 297	3,000 / 6,600
C08VE-50S	500 / 19.6	185 / 0.24	5	145 / 319	3,000 / 6,600
C08VE-60S	600 / 23.6	220 / 0.29	5	155 / 341	3,000 / 6,600
C08VE-80S	800 / 31.4	300 / 0.39	9	190 / 418	3,000 / 6,600

Note: special shells on request

KINSHOFER Rotator

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

Type	Upper dimension (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)
KM 04 F140-30USE	84 x 30 / 3.31 x 1.18	1,000 / 737	8,500 / 6,268

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 / 2,200-17,600lbs
KSW03 cardanic	adapter for system L-Lock KMS03L/KHS03L incl. cardan link excl. pendulum damper – up to 6t / 13,200lbs
KSW03 cardanic-P	adapter for system L-Lock KMS03L/KHS03L incl. cardan link incl. pendulum damper – up to 6t / 13,200lbs
KSW08 cardanic	adapter for system L-Lock KMS08L/KHS08L incl. cardan link excl. pendulum damper – up to 12t / 26,400lbs
KSW08-1t-8t cardanic-P	adapter for system L-Lock KMS08L/KHS08L incl. cardan link incl. pendulum damper
KM 680 5t-8t	adapters for quick change systems from other manufacturers or different sizes on request
KM 680 5t-8t	scraper

Requirements of carrier machine

Operating pressure (open/close):	max. 32 MPa (320 bar) / 4,640 psi
Recommended pump capacity (open/close):	40 - max. 90 l/min / 10.5 - max. 24 GPM
Operating pressure (rotate):	max. 32 MPa (320 bar) / 4,640 psi
Recommended pump capacity (rotate):	15 - max. 50 l/min / 4 - max. 13 GPM

Technical drawing

