

C08VE

Clamshell Bucket with exchangeable shells 4-9t / 8800-19800lbs

Clamshell Bucket with exchangeable shells and vertical cylinder for excavators from 4t/8800lbs to 9t/19800lbs 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 (26kN/5720lbf at an operating pressure of 32MPa/4640psi; varies depending on width).



Clamshell Bucket C08VE

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Height C min. (mm/in)	Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Capacity (kg/lbs)
C08VE-32	325 / 12.7	1330 / 52.3	1520 / 59.8	1380 / 54.3	115 / 0.15	3	330 / 726	3000 / 6600
C08VE-40	400 / 15.7	1330 / 52.3	1520 / 59.8	1380 / 54.3	145 / 0.19	3	335 / 737	3000 / 6600
C08VE-50	500 / 19.6	1330 / 52.3	1520 / 59.8	1380 / 54.3	185 / 0.24	5	345 / 759	3000 / 6600
C08VE-60	600 / 23.6	1330 / 52.3	1520 / 59.8	1380 / 54.3	220 / 0.29	5	355 / 781	3000 / 6600
C08VE-80	800 / 31.4	1330 / 52.3	1520 / 59.8	1380 / 54.3	300 / 0.39	9	390 / 858	3000 / 6600

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	3000 / 6600
C08VE-40S	400 / 15.7	145 / 0.19	3	135 / 297	3000 / 6600
C08VE-50S	500 / 19.6	185 / 0.24	5	145 / 319	3000 / 6600
C08VE-60S	600 / 23.6	220 / 0.29	5	155 / 341	3000 / 6600
C08VE-80S	800 / 31.4	300 / 0.39	9	190 / 418	3000 / 6600

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 / 3.3 x 1.1	1000 / 737	8500 / 6268

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
KSW08 cardanic	adapter for system L-Lock KMS08L/KHS08L incl. cardan link excl. pendulum damper – up to 12t / 26400lbs
KSW08 cardanic-P	adapter for system L-Lock KMS08L/KHS08L incl. cardan link incl. pendulum damper – up to 12t / 26400lbs
KM 680 5t-8t	scraper

Requirements of carrier machine

Operating pressure (open/close):	max. 32 MPa (320 bar) / 4640 psi
Recommended pump capacity (open/close):	40 - max. 90 l/min / 10.5 - max. 24 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

