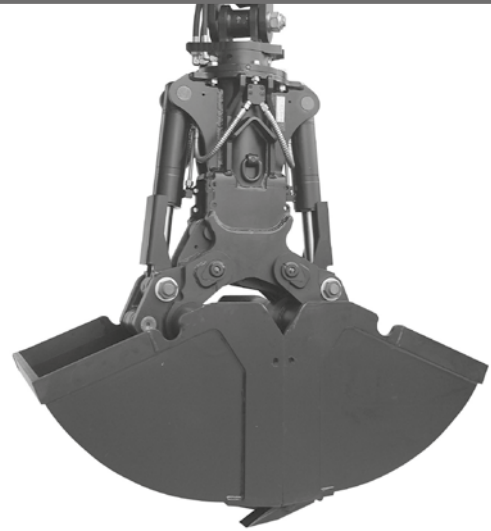


# C25VE

# Clamshell Bucket with Exchangeable Shells

Clamshell bucket with exchangeable shells and two vertical cylinders for excavators up to 25t / 55000 lbs operating weight. The shells can be changed in less than four minutes.

- An economic solution as only the shells have to be exchanged to suit application – bucket carrier, hydraulics and bearings are integrated in the unit.
- Long life is ensured due to the use of 500 HB in the manufacture of cutting edges.
- Reduced wear resulting from generously dimensioned bearing system with special coating.
- Excellent digging characteristics are the result of high closing forces (60 kN / 13200 lbf at an operating pressure of 35 MPa / 5040 psi).



Clamshell Bucket C25VE								
Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Length F (mm/in)	Volume (litre/c.y.)	Number of teeth	Self weight (kg/lbs)	Load capacity (kg/lbs)
C25VE-42	425 / 16.73	1650 / 64.96	1595 / 62.80	1360 / 53.54	210 / 0.27	3	1080 / 2376	6000 / 13200
C25VE-50	500 / 19.69	1650 / 64.96	1595 / 62.80	1360 / 53.54	250 / 0.33	4	1115 / 2453	6000 / 13200
C25VE-60	600 / 23.62	1650 / 64.96	1595 / 62.80	1360 / 53.54	305 / 0.40	5	1150 / 2530	6000 / 13200
C25VE-80	800 / 31.50	1650 / 64.96	1595 / 62.80	1360 / 53.54	410 / 0.54	7	1220 / 2684	6000 / 13200
C25VE-100	1000 / 39.37	1650 / 64.96	1595 / 62.80	1360 / 53.54	520 / 0.68	7	1290 / 2838	6000 / 13200
C25VE-120	1200 / 47.24	1650 / 64.96	1595 / 62.80	1360 / 53.54	625 / 0.82	9	1360 / 2992	6000 / 13200

Package consists of: clamshell bucket, bolt-on teeth, **KINSHOFER** rotator, non-return valve and hose guard, 2 welded eyes \* incl. teeth

Exchangeable Shells C25VE-S					
Type	Width E (mm/in)	Volume (litre)	Number of teeth	Self weight (kg/lbs)	Load capacity (kg/lbs)
C25VE-42S	425 / 16.73	210 / 0.27	3	370 / 814	6000 / 13200
C25VE-50S	500 / 19.69	250 / 0.33	4	405 / 891	6000 / 13200
C25VE-60S	600 / 23.62	305 / 0.40	5	440 / 968	6000 / 13200
C25VE-80S	800 / 31.50	410 / 0.54	7	510 / 1122	6000 / 13200
C25VE-100S	1000 / 39.37	520 / 0.68	7	580 / 1276	6000 / 13200
C25VE-120S	1200 / 47.24	625 / 0.82	9	650 / 1430	6000 / 13200

Please note: exchangeable shells for special applications

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 15 F340/220	180 x 70 / 7.09 x 2.76	3000 / 2215	25000 / 18435

Accessories	
Type	Description
KM 501 19t-60t	upper suspension without pendulum damper
KM 511 19t-60t	upper suspension with pendulum damper
SW21 cardanic	adapter for Lehnhoff grab exchange system SW/MS21 – up to 28t / 61600 lbs adapter for quick exchange systems from other manufacturers available
KM 680 C25VE	scraper

Requirements of Excavator	
Operating pressure (open/close):	max. 35 MPa (350 bar) / 5040 psi
Pump capacity (open/close):	75 - 150 l/min / 19.82 - 39.63 GPM
Operating pressure (rotation):	max. 32 MPa (320 bar) / 4608 psi
Pump capacity (rotation):	20 - 50 l/min / 5.28 - 13.21 GPM

### Technical Drawings

