

Clamshell Bucket with exchangeable shells 19-25t / 41800-55000lbs C25VE

Clamshell Bucket with exchangeable shells and vertical cylinders for excavators from 19t/41800lbs to 25t/55000lbs operating weight - through quick and easy exchange of shells, the C25VE is ideal for different applications, for excavation operations, landscaping, trench digging, handling of logs and more. 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 500HB 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 (60kN/13200lbf at 35 MPa/5070psi operating pressure, varies depending on width).

Clamshell Bucket C25VE

Type	Width E (mm/in)	Opening A (mm/in)	Height C max.(mm/in)	Length F (mm/in)	Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Load capacity (kg/lbs)
C25VE-42	420 / 16.5	1940 / 76.4	1940 / 76.4	1700 / 66.9	210 / 0.27	3	950 / 2090	6000 / 13200
C25VE-50	500 / 19.7	1940 / 76.4	1940 / 76.4	1700 / 66.9	250 / 0.33	4	980 / 2156	6000 / 13200
C25VE-60	600 / 23.6	1940 / 76.4	1940 / 76.4	1700 / 66.9	305 / 0.40	5	1010 / 2222	6000 / 13200
C25VE-80	800 / 31.5	1940 / 76.4	1940 / 76.4	1700 / 66.9	410 / 0.54	7	1080 / 2376	6000 / 13200
C25VE-100	1000 / 39.4	1940 / 76.4	1940 / 76.4	1700 / 66.9	520 / 0.68	7	1180 / 2596	6000 / 13200
C25VE-120	1200 / 47.2	1940 / 76.4	1940 / 76.4	1700 / 66.9	625 / 0.82	9	1250 / 2750	6000 / 13200

Package consists of: clamshell bucket, bolt-on teeth, **KINSHOFER** rotator with hose guard, 2 weld-on eyes, shell exchange aid kit and non-return valve

Exchangeable Shells C25VE-S

Type	Width E (mm/in)	Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Load capacity (kg/lbs)
C25VE-42S	420 / 16.5	210 / 0.27	3	350 / 770	6000 / 13200
C25VE-50S	500 / 19.7	250 / 0.33	4	390 / 858	6000 / 13200
C25VE-60S	600 / 23.6	305 / 0.40	5	420 / 924	6000 / 13200
C25VE-80S	800 / 31.5	410 / 0.54	7	490 / 1078	6000 / 13200
C25VE-100S	1000 / 39.4	520 / 0.68	7	580 / 1276	6000 / 13200
C25VE-120S	1200 / 47.2	625 / 0.82	9	650 / 1430	6000 / 13200

Package consists of: exchangeable shells, exchange aid kit and extraction tool for pin

Note: special shells available on request

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 15 F340-70	180 x 70 / 7.1 x 2.8	3000 / 2212.5	25000 / 18437.5

Accessories

Type	Description
KM 501 19t-60t	upper suspension without pendulum damper
KM 511 19t-60t	upper suspension with pendulum damper
KM 510 19t-60t	single pendulum damper
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. pendulum damper - up to 40t/88000lbs adapters for quick change systems from other manufacturers or different sizes on request
KM 680 C25VE	scraper

Requirements of carrier machine

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5070psi
Pump capacity (open/close):	75 - max. 150 l/min / 20 - max.40GPM
Operating pressure (rotate):	max. 32 MPa (320 bar) / 4640psi
Pump capacity (rotate):	20 - max. 50 l/min / 5 - max.13GPM

Technical drawing

