

# Clamshell Bucket with exchangeable shells 19 - 25t C25VE

Clamshell Bucket with exchangeable shells and vertical cylinders for excavators from 19t to 25t 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 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 (60 kN at 35 MPa operating pressure).

Clamshell Bucket C25VE								
Type	Width E (mm)	Opening A (mm)	Height C max. (mm)	Length F (mm)	Volume (liter)	Number of teeth	Weight (kg)	Load capacity (kg)
C25VE-42	425	2015	1920	1700	210	3	1080	6000
C25VE-50	500	2015	1920	1700	250	4	1115	6000
C25VE-60	600	2015	1920	1700	305	5	1150	6000
C25VE-80	800	2015	1920	1700	410	7	1220	6000
C25VE-100	1000	2015	1920	1700	520	7	1290	6000
C25VE-120	1200	2015	1920	1700	625	9	1360	6000

**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)	Volume (liter)	Number of teeth	Weight (kg)	Load capacity (kg)
C25VE-42S	425	210	3	370	6000
C25VE-50S	500	250	4	405	6000
C25VE-60S	600	305	5	440	6000
C25VE-80S	800	410	7	510	6000
C25VE-100S	1000	520	7	580	6000
C25VE-120S	1200	625	9	650	6000

**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)	Torque (Nm)	Bending moment max. (Nm)
KM 15 F340-70	180 x 70	3000	25000

## 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 adapters for quick change systems from other manufacturers or different sizes on request
KM 680 C25VE	scraper

## Requirements of carrier machine

<b>Operating pressure (open/close):</b>	<b>max. 35 MPa (350 bar)</b>
<b>Pump capacity (open/close):</b>	75 - max. 150 l/min
<b>Operating pressure (rotate):</b>	<b>max. 32 MPa (320 bar)</b>
<b>Pump capacity (rotate):</b>	20 - max. 50 l/min

## Technical drawing

