

Clamshell bucket with exchangeable shells and vertical cylinders for excavators with 13t / 28600 lbs to 18t / 39600 lbs operating weight. Ideal for the versatile use in construction, landscaping, canal building, forestry etc. due to the fast and easy exchange of shells within only 4 minutes.

- ▷ Economic solution as only the shells are exchanged.  
Shell carrier, hydraulics and bearings remain unchanged.
- ▷ Long life lifespan thanks to the use of cutting edge material 500 HB.
- ▷ Low wear due to generously dimensioned steel bearings with special coating.
- ▷ Excellent digging behaviour thanks to high closing forces.
- ▷ Shells with width 280 mm / 11 in: reinforced version with 15 mm / 0.6 in strong Hardox side walls.



C18VE-28-Rail

### Clamshell Bucket C18VE-Rail

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liters/c.y.)	Number of teeth	Weight (kg/lbs)	Capacity (kg/lbs)
C18VE-28-Rail	280 / 11.0	1330 / 52.4	1500 / 59.0	60 / 0.08	3	540 / 1188	4500 / 9900
C18VE-40-Rail	400 / 15.7	1330 / 52.4	1500 / 59.0	100 / 0.13	3	560 / 1232	4500 / 9900
C18VE-50-Rail	500 / 19.7	1330 / 52.4	1500 / 59.0	125 / 0.16	5	575 / 1265	4500 / 9900
C18VE-60-Rail	600 / 23.6	1330 / 52.4	1500 / 59.0	150 / 0.19	5	605 / 1331	4500 / 9900
C18VE-80-Rail	800 / 31.5	1330 / 52.4	1500 / 59.0	200 / 0.26	7	655 / 1441	4500 / 9900
C18VE-100-Rail	1000 / 39.4	1330 / 52.4	1500 / 59.0	250 / 0.32	9	705 / 1551	4500 / 9900

**Package consists of:** clamshell bucket, bolt-on teeth, KINSHOFER rotator with head plate Kinshofer, hose guard, two welded hooks, shell exchange kit and non-return valve

### Clamshell Bucket C18VE-Rail Version Atlas

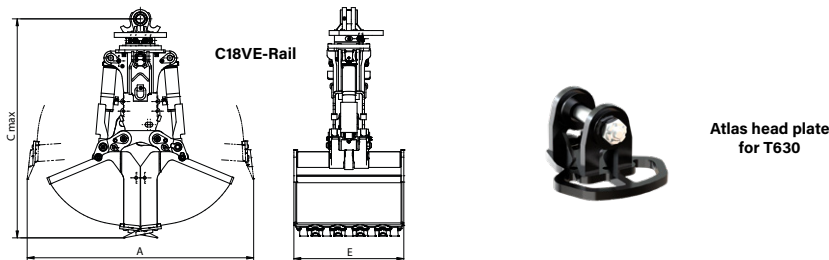
Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liters/c.y.)	Number of teeth	Weight (kg/lbs)	Capacity (kg/lbs)
C18VE-28-Rail Atlas	280 / 11.0	1330 / 52.4	1500 / 59.0	60 / 0.08	3	540 / 1188	4500 / 9900

**Package consists of:** clamshell bucket, bolt-on teeth, KINSHOFER rotator with head plate for Atlas T630, hose guard, two welded hooks, shell exchange auf and non-return valve

**Note:** other versions on request.

### Accessories

Type	Description
KM 501 13t-25t	upper suspension without pendulum damper
KM 511 13t-25t	upper suspension with pendulum damper
T630 cardanic	upper suspension with pendulum damper for "Atlas"
KM 680 C18VE-Rail	scraper



Atlas head plate for T630

### 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 10 F275-60	125 x 60 / 4.9 x 2.4	1500 / 1105	14000 / 10325

### Requirements of Excavator

Operating pressure (open/close)	Operating pressure (rotate)	Recommended oil flow (open/close)	Recommended oil flow (rotate)
max. 35 MPa (350 bar) / 5040 psi	max. 32 MPa (320 bar) / 4608 psi	40 - max. 120 l/min / 10.6 - max. 31.7 GPM	20 - max. 50 l/min / 5.3 - max. 13.2 GPM