

# P30V Orange Peel Grabs with 4/5 Tines and 600 l / 800 l Volume

Orange peel grab with 4 or 5 tines and 600 l or 800 l volume for the handling of bulky scrap with excavators from 22t to 30t operating weight.

- With 4 or 5 tines available - in 4 different profiles (see drawings below).
- Hydraulic cylinders are fitted with replaceable piston rod protection and are hydraulically cushioned.
- Oil distributor with integrated non-return valve mounted directly underneath the rotator.
- Oil distribution and hydraulic hoses are protected in the carrier.
- Greasing points are easily accessible.
- Reinforced tines made of wear-resistant steel HB 400.
- Weld-on tips made of high resistant forged and tempered steel HB 500.
- Closing force 27 kN at an operating pressure of 35 MPa.
- Accurate fittings eliminate tine distortion, solid end stops (open & close).
- Reinforced bolts, large bearing surface for bolts, specially coated solid steel bushings.
- Carrier features a wide opening at the bottom to accommodate a radiation detector.
- Flat rotator KM 15 F273-60 with high nominal maximum moment of deflection of 50000 Nm.



P30V-600-5

### Orange Peel Grab P30V

Type	Width (closed) (mm)	Opening range (mm)	Height (closed) (mm)	Volume (litre)	Number of tines	Self weight (kg)	Load capacity (kg)
P30V-600-4-F	1520	2130	1860	600	4	1290	7000
P30V-600-4-H	1520	2130	1860	600	4	1180	7000
P30V-600-4-W	1520	2130	1860	600	4	1075	7000
P30V-600-4-T	1520	2130	1860	600	4	1050	7000
P30V-600-5-F	1520	2130	1860	600	5	1460	7000
P30V-600-5-H	1520	2130	1860	600	5	1360	7000
P30V-600-5-W	1520	2130	1860	600	5	1285	7000
P30V-600-5-T	1520	2130	1860	600	5	1260	7000
P30V-800-5-F	1530	2290	1950	800	5	1510	7000
P30V-800-5-H	1530	2290	1950	800	5	1400	7000
P30V-800-5-W	1530	2290	1950	800	5	1315	7000
P30V-800-5-T	1530	2290	1950	800	5	1275	7000

Package consists of: orange peel grab, **KINSHOFER** rotator, head plate and non-return valve

### 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)	Moment of deflection max. (Nm)
KM 15 F273-60	125 x 60	2000	50000

### Accessories

Type	Description
KM 501 13t-25t	upper suspension without pendulum damper
KM 511 13t-25t	upper suspension with pendulum damper
SW10 cardanic	adapter for Lehnhoff grab exchange system SW/MS10 without suspension – up to 19t
SW21 cardanic	adapter for Lehnhoff grab exchange system SW/MS21 without suspension – up to 28t
	adapter for quick exchange systems from other manufacturers available
KM 685 06 bolt-on lifting eye	bolt-on bottom plate with welded lifting eye
KM 206P	hose guard incl. motor pin

### Requirements of Excavator

Operating pressure:	Open/ Close max. 35 MPa (350 bar)	Rotator 15 - 32 MPa (150 - 320 bar)
Pump capacity:	50 - 200 l/min	25 - 95 l/min

### Technical Drawings

