

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

P40V

Orange peel grab with 4 or 5 tines and 600 l or 800 l volume for the handling of bulky scrap with excavators from 26t to 40t operating weight.

- Available with 5 tines in (3 or) 4 different profiles F, H, W, T or with 4 tines in 2 different profiles W, T (see technical 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 37 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 F273-70 with high nominal maximum moment of deflection of 50000 Nm.



Orange Peel Grabs P40V-800-4 and P40V-600/-800-5

| Type | Width (closed) (mm) | Opening range (mm) | Height (closed) (mm) | Volume (litre) | Number of tines | Self weight (kg) | Load capacity (kg) |
|--------------|---------------------|--------------------|----------------------|----------------|-----------------|------------------|--------------------|
| P40V-600-5-H | 1420 | 2200 | 2075 | 600 | 5 | 1665 | 10000 |
| P40V-600-5-W | 1420 | 2200 | 2075 | 600 | 5 | 1595 | 10000 |
| P40V-600-5-T | 1420 | 2200 | 2075 | 600 | 5 | 1560 | 10000 |
| P40V-800-4-W | 1585 | 2200 | 2075 | 800 | 4 | 1340 | 10000 |
| P40V-800-4-T | 1585 | 2200 | 2075 | 800 | 4 | 1310 | 10000 |
| P40V-800-5-F | 1585 | 2200 | 2075 | 800 | 5 | 1935 | 10000 |
| P40V-800-5-H | 1585 | 2200 | 2075 | 800 | 5 | 1720 | 10000 |
| P40V-800-5-W | 1585 | 2200 | 2075 | 800 | 5 | 1635 | 10000 |
| P40V-800-5-T | 1585 | 2200 | 2075 | 800 | 5 | 1600 | 10000 |

Package consists of: orange peel grab, **KINSHOFER** rotator, head plate, 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 F273-70 | 180 x Ø 70 | 2000 | 50000 |

Accessories

| Type | Description |
|-------------------------------|---|
| KM 501 19t-60t | upper suspension without pendulum damper |
| KM 511 19t-60t | upper suspension with pendulum damper |
| SW25 cardanic | adapter for Lehnhoff grapple exchange system SW/MS25 without suspension – up to 40t |
| | adapter for quick exchange systems of different manufacturers available on request |
| KM 685 06 bolt-on lifting eye | bolt-on bottom plate with welded lifting eye |
| KM 206P | hose guard incl. motor pin |

Excavator Requirements

| | | |
|---------------------|-----------------------------------|-------------------------------------|
| 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

