

# Orange Peel Grabs with 4/5 Tines and 450 l Volume

**P22V**

Orange peel grab with 4 tines or 5 tines for the handling of bulky scrap with excavators from 16t to 22t operating weight.



- 4 tines version available with pointed tines.
- With 5 tines available in 4 different tine profiles:
  - F: fully closing tines
  - H: half closing tines
  - W: wide style of pointed tines
  - T: pointed tines.
- Hydraulic cylinders are fitted with replaceable piston rod protection and are hydraulically cushioned.
- Oil distribution and hydraulic hoses are protected in the centre section.
- Shell bearings with high resistant steel bushings and hardened, ground pins.
- Shell tips made of 500 HB cutting edge material, exchangeable individually as wear parts.
- Closing force 17 kN at an operating pressure of 35 MPa.
- Tines are made out of 400 HB steel.

### Orange Peel Grab P22V

Type	Width (closed) (mm)	Opening range (mm)	Height (closed) (mm)	Volume (litre)	Number of tines	Self weight (kg)	Load capacity (kg)
<b>P22V-450-4-T</b>	1370	1910	1550	450	4	810	7000
<b>P22V-450-5-F</b>	1370	1910	1550	450	5	1145	7000
<b>P22V-450-5-H</b>	1370	1910	1550	450	5	1035	7000
<b>P22V-450-5-W</b>	1370	1910	1550	450	5	970	7000
<b>P22V-450-5-T</b>	1370	1910	1550	450	5	950	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.

Typ	Upper connection (width x pin-Ø) (mm)	Torque (Nm)	Moment of deflection max. (Nm)
<b>KM 10 F275-60</b>	125 x 60	1500	14000

### Accessories

Type	Description
<b>KM 501 13t-25t</b>	upper suspension without pendulum damper
<b>KM 511 13t-25t</b>	upper suspension with pendulum damper
<b>SW10 cardanic</b>	adapter for Lehnhoff grab exchange system SW/MS10 without suspension – up to 19t
<b>SW21 cardanic</b>	adapter for Lehnhoff grab exchange system SW/MS21 without suspension – up to 28t
<b>KM 206P</b>	hose guard incl. motor pin

### Requirements of Excavator

<b>Operating pressure:</b>	<b>Open/ Close max. 35 MPa (350 bar)</b>	<b>Rotator max. 32 MPa (320 bar)</b>
<b>Pump capacity:</b>	50 - 150 l/min	25 - 75 l/min

### Technical Drawings

