

Orange peel grab with 4 tines or 5 tines for the handling of bulky scrap with excavators from 16t/35200lbs to 22t/48400lbs 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**.
- ▷ **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 500HB cutting edge material, exchangeable individually** as wear parts.
- ▷ Closing force 17kN/3740lbf at an operating pressure of 35 MPa/5070psi, varies depending on width.
- ▷ **Non-return valve** is optionally available.



Orange Peel Grab P22V

Type	Width E (closed) (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Height C min. (mm/in)	Volume (liter/c.y.)	Number of tines (pcs.)	Weight (kg/lbs)	Load capacity (kg/lbs)
P22V-450-4-T	1370 / 53.9	1910 / 75.2	1545 / 60.8	1240 / 48.8	450 / 0.6	4	810 / 1782	7000 / 15400
P22V-450-5-F	1370 / 53.9	1910 / 75.2	1545 / 60.8	1240 / 48.8	450 / 0.6	5	1145 / 2519	7000 / 15400
P22V-450-5-H	1370 / 53.9	1910 / 75.2	1545 / 60.8	1240 / 48.8	450 / 0.6	5	1035 / 2277	7000 / 15400
P22V-450-5-W	1370 / 53.9	1910 / 75.2	1545 / 60.8	1240 / 48.8	450 / 0.6	5	970 / 2134	7000 / 15400
P22V-450-5-T	1370 / 53.9	1910 / 75.2	1545 / 60.8	1240 / 48.8	450 / 0.6	5	950 / 2090	7000 / 15400

Package consists of: orange peel grab, **KINSHOFER** rotator, head plate

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)	Bending moment max. (Nm/ft.lbs)
KM 10 F275-60	125 x 60 / 4.9 x 2.4	2000 / 1475	14000 / 10325

Accessories

Type	Description
KM 501 13t-25t	upper suspension without pendulum damper
KM 511 13t-25t	upper suspension with pendulum damper
KSW10 cardanic	adapter for system L-Lock KMS10L/KHS10L incl. cardan link excl. pendulum damper - up to 19t/ 41800lbs.
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. pendulum damper
	adapters for quick change systems from other manufacturers or different sizes on request

Requirements of carrier machine

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5070psi
Pump capacity (open/close):	50 - max. 150 l/min / 13 - max. 40GPM
Operating pressure (rotate):	max. 32 MPa (320 bar) / 4640psi
Pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13GPM

Technical drawing

