Orange Peel Grabs with 4/5 tines up to 22t / *48,400lbs* P22V

Orange peel grab with 4 tines or 5 tines for the handling of bulky scrap with excavators from 16t / 35,200lbs to 22t / 48,400lbs 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.
- **Non-return valve** is optionally available.

Request? exc@kinshofer.com

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-450-4T	1,370 / 53.9	1,910 / 75.2	1,545 / 60.8	1,240 / 48.8	450 / 0.6	4	810 / 1,782	7,000 / 15,400
P22V-450-5F	1,370 / 53.9	1,910 / 75.2	1,545 / 60.8	1,240 / 48.8	450 / 0.6	5	1,145 / 2,519	7,000 / 15,400
P22V-450-5H	1,370 / 53.9	1,910 / 75.2	1,545 / 60.8	1,240 / 48.8	450 / 0.6	5	1,035 / 2,277	7,000 / 15,400
P22V-450-5W	1,370 / 53.9	1,910 / 75.2	1,545 / 60.8	1,240 / 48.8	450 / 0.6	5	970 / 2,134	7,000 / 15,400
P22V-450-5T	1,370 / 53.9	1,910 / 75.2	1,545 / 60.8	1,240 / 48.8	450 / 0.6	5	950 / 2,090	7,000 / 15,400

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 2.36	2,000 / 1,475	14,000 / 10,325

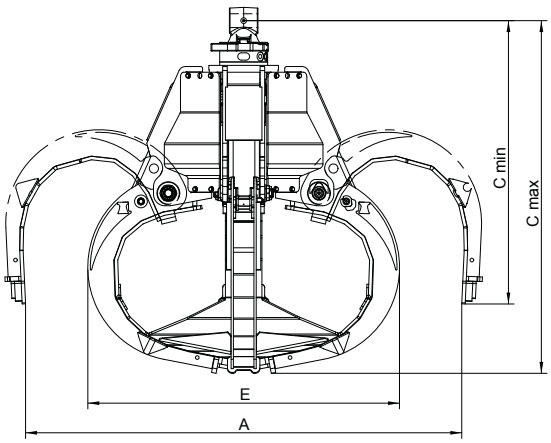
Accessories

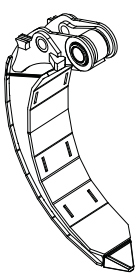
Type	Description
KM 501 13t-25t	upper suspension without pendulum damper
KM 511 13t-25t	upper suspension with pendulum damper
KSW10 cardanic	adapter for system L-Lock KMS10L/KHS10L incl. cardan link excl. pendulum damper - up to 19t/ 41,800lbs.
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / 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

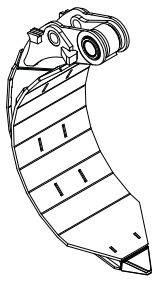
Operating pressure (open/close):	**max. 35 MPa (350 bar) / 5,070 psi**
Pump capacity (open/close):	50 - max. 150 l/min / 13 - max. 40 GPM
Operating pressure (rotate):	**max. 32 MPa (320 bar) / 4,640 psi**
Pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13 GPM

Technical drawing

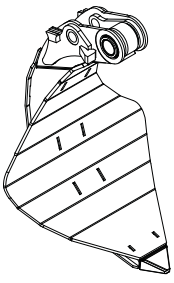




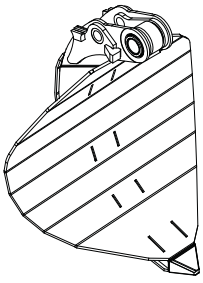
T: small tines



W: wide tines



H: half closing tines



F: fully closing tines

We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, 83607 Holzkirchen, Germany