Orange Peel Grabs Heavy Duty with 4/5 tines — P30VHD

Orange peel grab with 4 or 5 tines and 600l / 0.78c.y. or 800l / 1.05c.y. volume for the handling of bulky scrap with excavators from 20t / 44,000lbs to 30t / 66,000lbs operating weight - for heavy duty tasks.

- Available in **two different volumes and diverse tine profiles**.
- Hydraulic cylinders are fitted with **replaceable piston rod protection** and are **hydraulically cushioned**.
- **Oil distribution and hydraulic hoses are protected** in the carrier.
- **Reinforced tines** made of wear-resistant steel 400HB.
- **Weld-on tips** made of high resistant forged and tempered steel 500HB.
- **Accurate fittings** eliminate tine distorsion, **solid end stops** (open & close).
- **Robust, fully integrated rotation** with sturdy slewing ring with internal hoses guarantees optimum force transmission and prevents hose break. The **integrated pressure relief valve** protects against overcharge.
- **Swivel and bevel sealed**. Rotary feedthrough and motor accessible directly.
- **Non-return valve** is optionally available.
- **High closing force.**

Orange Peel Grab P30VHD

Type	Width E (closed) (mm/in)	Opening A (mm/in)	Height C max. (closed) (mm/in)	Volume (liter/c.y.)	Number of tines (pcs.)	Weight (kg/lbs)	Load capacity (kg/lbs)
P30VHD-600-4F	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	4	1,600 / 3,520	7,000 / 15,400
P30VHD-600-4H	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	4	1,490 / 3,278	7,000 / 15,400
P30VHD-600-4W	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	4	1,420 / 3,124	7,000 / 15,400
P30VHD-600-4T	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	4	1,310 / 2,882	7,000 / 15,400
P30VHD-600-5F	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	5	1,780 / 3,916	7,000 / 15,400
P30VHD-600-5H	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	5	1,660 / 3,652	7,000 / 15,400
P30VHD-600-5W	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	5	1,630 / 3,586	7,000 / 15,400
P30VHD-600-5T	1,520 / 59.8	2,130 / 83.9	1,980 / 78.0	600 / 0.78	5	1,490 / 6,278	7,000 / 15,400
P30VHD-800-5F	1,525 / 60.0	2,290 / 90.2	2,065 / 81.3	800 / 1.05	5	1,830 / 4,026	7,000 / 15,400
P30VHD-800-5H	1,525 / 60.0	2,290 / 90.2	2,065 / 81.3	800 / 1.05	5	1,730 / 3,806	7,000 / 15,400
P30VHD-800-5W	1,525 / 60.0	2,290 / 90.2	2,065 / 81.3	800 / 1.05	5	1,670 / 3,674	7,000 / 15,400
P30VHD-800-5T	1,525 / 60.0	2,290 / 90.2	2,065 / 81.3	800 / 1.05	5	1,520 / 3,344	7,000 / 15,400

Package consists of: orange peel grab, integrated rotation with sturdy slewing ring, head plate, hose guard, bolt-on bottom plate with welded lifting eye

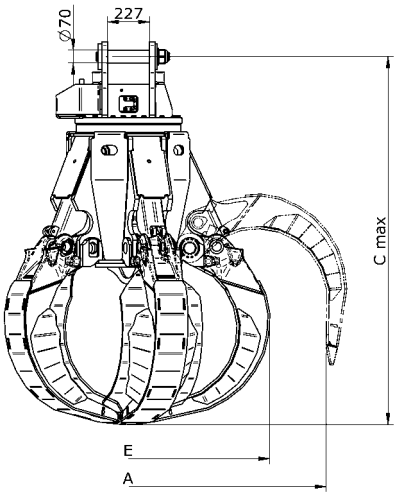
Accessories

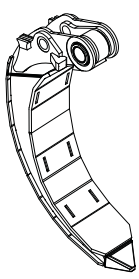
Type	Description
KM 501 RD50	upper suspension without pendulum damper
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. pendulum damper
	adapters for quick change systems from other manufacturers or different sizes on request

Requirements of carrier machine

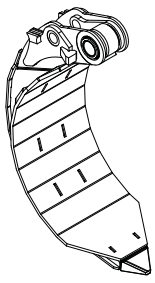
Operating pressure (open/close):	**max. 35 MPa (350 bar) / 5,070 psi**
Pump capacity (open/close):	120 - max. 200 l/min / 32 - max. 53 GPM
Hydraulic connection (open/close / rotate):	1" / 1/2"
Operating pressure (rotate):	**17 MPa (170 bar) / 2,460 psi**
Pump capacity (rotate):	20 - max. 30 l/min / 5 - max. 8 GPM

Technical drawing

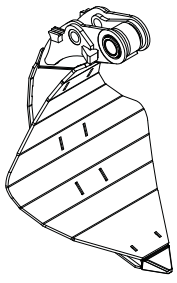




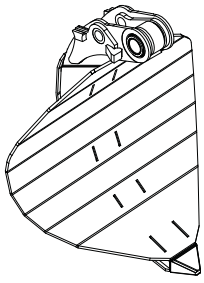
T: small tines



W: wide tines



H: half closing tines



F: fully closing tines

Request? exc@kinshofer.com

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