Orange Peel Grabs Heavy Duty with 4/5 tines — P40VHD

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 with up to 40t/88,000lbs 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).
- **Reinforced bolts**, large bearing surface for bolts, specially coated **solid steel bushings**.
- **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 P40VHD

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)
P40VHD-600-5H	1,430 / 56.3	2,200 / 86.6	2,170 / 85.4	600 / 0.78	5	1,870 / 4,114	10,000 / 22,000
P40VHD-600-5W	1,430 / 56.3	2,200 / 86.6	2,170 / 85.4	600 / 0.78	5	1,900 / 4,180	10,000 / 22,000
P40VHD-600-5T	1430 / 56.3	2,200 / 86.6	2,170 / 85.4	600 / 0.78	5	1,730 / 3,806	10,000 / 22,000
P40VHD-800-4W	1,545 / 60.8	2,165 / 85.2	2,170 / 85.4	800 / 1.05	4	1,680 / 3,696	10,000 / 22,000
P40VHD-800-4T	1,545 / 60.8	2,165 / 85.2	2,170 / 85.4	800 / 1.05	4	1,530 / 3,366	10,000 / 22,000
P40VHD-800-5F	1,560 / 61.2	2,190 / 86.2	2,170 / 85.4	800 / 1.05	5	2,140 / 4,708	10,000 / 22,000
P40VHD-800-5H	1,560 / 61.2	2,190 / 86.2	2,170 / 85.4	800 / 1.05	5	1,965 / 4,323	10,000 / 22,000
P40VHD-800-5W	1,560 / 61.2	2,190 / 86.2	2,170 / 85.4	800 / 1.05	5	1,965 / 4,323	10,000 / 22,000
P40VHD-800-5T	1,560 / 61.2	2,190 / 86.2	2,170 / 85.4	800 / 1.05	5	1,775 / 3,905	10,000 / 22,000

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

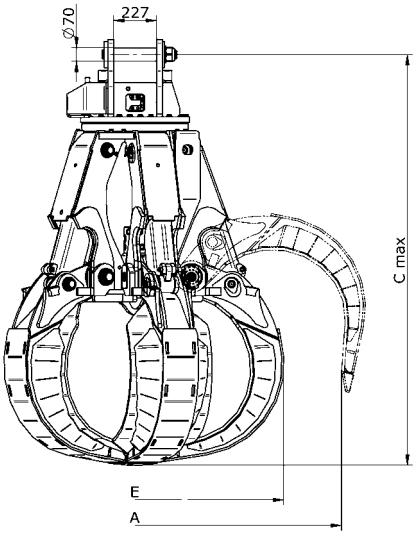
Accessories

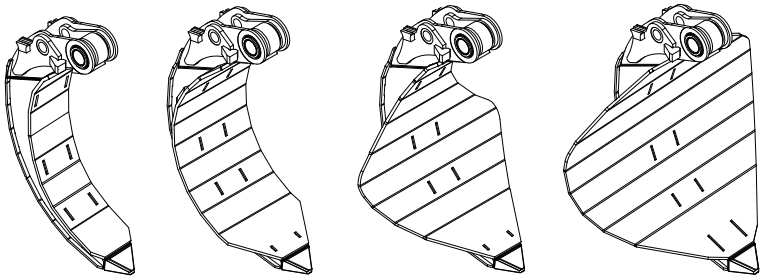
Type	Description
KM 501 RD50	upper suspension without pendulum damper
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. pendulum damper
	adapters for quick change systems from other manufacturers or different sizes on request

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):	**14 MPa (140 bar) / 2030 psi - max. 25 MPa (250 bar) / 3,620 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**

Request? exc@kinshofer.com

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