Orange Peel Grabs Heavy Duty up to 50t / *110,000lbs* P51VHD

Orange peel grab with 4 or 5 tines and 1,000l / 1.31c.y. up to 1,500l / 1.96c.y. volume for the handling of bulky scrap with excavators from 36t / 79,200lbs to 50t / 110,000lbs operating weight - for heavy duty tasks.

- **With 4 or 5 tines in different forms** H, W, T.
- 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.
- **Non-return valve** is optionally available.

Orange Peel Grab P51VHD

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)
P51VHD-1000-4W	1,610 / 63.4	2,410 / 94.8	2,200 / 86.6	1,000 / 1.31	4	1,740 / 3,828	10,000 / 22,000
P51VHD-1000-4T	1,610 / 63.4	2,410 / 94.8	2,200 / 86.6	1,000 / 1.31	4	1,570 / 3,454	10,000 / 22,000
P51VHD-1000-5H	1,630 / 64.2	2,440 / 96.1	2,200 / 86.6	1,000 / 1.31	5	2,100 / 4,620	10,000 / 22,000
P51VHD-1000-5W	1,630 / 64.2	2,440 / 96.1	2,200 / 86.6	1,000 / 1.31	5	2,050 / 4,510	10,000 / 22,000
P51VHD-1000-5T	1,630 / 64.2	2,440 / 96.1	2,200 / 86.6	1,000 / 1.31	5	1,830 / 4,026	10,000 / 22,000
P51VHD-1250-5H	1,830 / 72.0	2,650 / 104.3	2,415 / 95.1	1,250 / 1.64	5	2,200 / 4,840	10,000 / 22,000
P51VHD-1250-5W	1,830 / 72.0	2,650 / 104.3	2,415 / 95.1	1,250 / 1.64	5	2,150 / 4,730	10,000 / 22,000
P51VHD-1500-4H	1,870 / 73.6	2,830 / 111.4	2,500 / 98.4	1,500 / 1.96	4	1,980 / 4,356	10,000 / 22,000
P51VHD-1500-4W	1,870 / 73.6	2,830 / 111.4	2,500 / 98.4	1,500 / 1.96	4	1,880 / 4,136	10,000 / 22,000
P51VHD-1500-5H	1,870 / 73.6	2,830 / 111.4	2,500 / 98.4	1,500 / 1.96	5	2,300 / 5,060	10,000 / 22,000
P51VHD-1500-5W	1,870 / 73.6	2,830 / 111.4	2,500 / 98.4	1,500 / 1.96	5	2,200 / 4,840	10,000 / 22,000
P51VHD-1500-5T	1,870 / 73.6	2,830 / 111.4	2,500 / 98.4	1,500 / 1.96	5	1,970 / 4,334	10,000 / 22,000

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

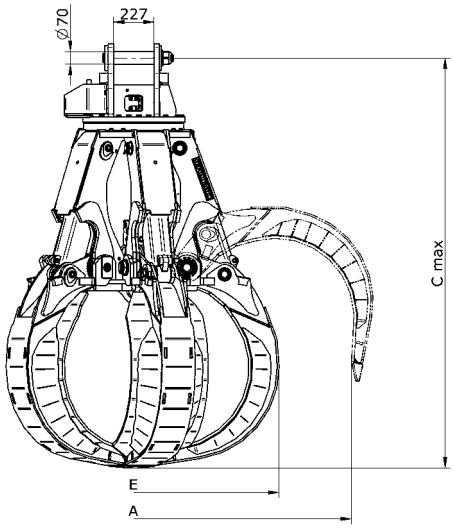
Accessories

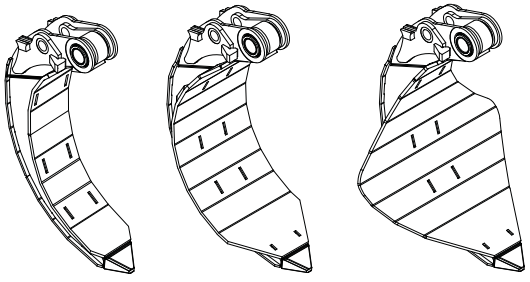
Type	Description
KM 501 RD50	upper suspension without pendulum damper
	adapters for quick change systems from other manufacturers or different sizes on request

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
Operating pressure (rotate):	**14 - max. 25 MPa (140 - max. 250 bar) / 2,030 - max. 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**

Request? exc@kinshofer.com