

Orange Peel Grabs Heavy Duty up to 50t / 110000lbs

P51VHD

Orange peel grab with 4 or 5 tines and 1000l/1.31c.y. , 1250l/1.64c.y. or 1500l/1.96c.y. volume for the handling of bulky scrap with excavators from 36t/79200lbs to 50t/110000lbs operating weight - for heavy duty tasks.

- ▷ With 4 or 5 tines in different forms F, 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.



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-1000-4-W	1630 / 64.2	2440 / 96.1	2200 / 86.6	1000 / 1.31	4	1755 / 3861	10000 / 22000
P51VHD-1000-4-T	1630 / 64.2	2440 / 96.1	2200 / 86.6	1000 / 1.31	4	1715 / 3773	10000 / 22000
P51VHD-1000-5-F	1630 / 64.2	2440 / 96.1	2200 / 86.6	1000 / 1.31	5	2165 / 4763	10000 / 22000
P51VHD-1000-5-H	1630 / 64.2	2440 / 96.1	2200 / 86.6	1000 / 1.31	5	2110 / 4642	10000 / 22000
P51VHD-1000-5-W	1630 / 64.2	2440 / 96.1	2200 / 86.6	1000 / 1.31	5	2050 / 4510	10000 / 22000
P51VHD-1000-5-T	1630 / 64.2	2440 / 96.1	2200 / 86.6	1000 / 1.31	5	1830 / 4026	10000 / 22000
P51VHD-1250-5-H	1835 / 72.2	2665 / 104.9	2415 / 95.1	1250 / 1.64	5	2195 / 4829	10000 / 22000
P51VHD-1250-5-W	1835 / 72.2	2665 / 104.9	2415 / 95.1	1250 / 1.64	5	2185 / 4807	10000 / 22000
P51VHD-1500-4-H	1870 / 73.6	2840 / 111.8	2500 / 98.4	1500 / 1.96	4	2000 / 4400	10000 / 22000
P51VHD-1500-4-W	1870 / 73.6	2840 / 111.8	2500 / 98.4	1500 / 1.96	4	1830 / 4026	10000 / 22000
P51VHD-1500-5-F	1870 / 73.6	2840 / 111.8	2500 / 98.4	1500 / 1.96	5	2360 / 5192	10000 / 22000
P51VHD-1500-5-H	1870 / 73.6	2840 / 111.8	2500 / 98.4	1500 / 1.96	5	2305 / 5071	10000 / 22000
P51VHD-1500-5-W	1870 / 73.6	2840 / 111.8	2500 / 98.4	1500 / 1.96	5	2245 / 4939	10000 / 22000
P51VHD-1500-5-T	1870 / 73.6	2840 / 111.8	2500 / 98.4	1500 / 1.96	5	1995 / 4389	10000 / 22000

Package consists of: orange peel grab, integrated rotation with sturdy slewing ring, head plate, hose guard, non-return valve 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) / 5070psi
Pump capacity (open/close):	120 - max. 200 l/min/ 32.0 - max. 53.0GPM
Operating pressure (rotate):	max. 17 MPa (170 bar) / 2460psi
Pump capacity (rotate):	20 - max. 30 l/min/ 5.0 - max. 8.0GPM

Technical drawing

