

Orange Peel Grabs Heavy Duty up to 50t

P51VHD

Orange peel grab with 4 or 5 tines and 1000 l, 1250 l or 1500 l volume for the handling of bulky scrap with excavators from 36t to 50t 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 HB 400.
- ▷ **Weld-on tips** made of high resistant forged and tempered steel HB 500.
- ▷ **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)	Opening A (mm)	Height C max. (closed) (mm)	Volume (liter)	Number of tines (pcs.)	Weight (kg)	Load capacity (kg)
P51VHD-1000-4-W	1630	2440	2200	1000	4	1755	10000
P51VHD-1000-4-T	1630	2440	2200	1000	4	1715	10000
P51VHD-1000-5-F	1630	2440	2200	1000	5	2165	10000
P51VHD-1000-5-H	1630	2440	2200	1000	5	2110	10000
P51VHD-1000-5-W	1630	2440	2200	1000	5	2050	10000
P51VHD-1000-5-T	1630	2440	2200	1000	5	1830	10000
P51VHD-1250-5-H	1835	2665	2415	1250	5	2195	10000
P51VHD-1250-5-W	1835	2665	2415	1250	5	2185	10000
P51VHD-1500-4-H	1870	2840	2500	1500	4	2000	10000
P51VHD-1500-4-W	1870	2840	2500	1500	4	1830	10000
P51VHD-1500-5-F	1870	2840	2500	1500	5	2360	10000
P51VHD-1500-5-H	1870	2840	2500	1500	5	2305	10000
P51VHD-1500-5-W	1870	2840	2500	1500	5	2245	10000
P51VHD-1500-5-T	1870	2840	2500	1500	5	1995	10000

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)
Pump capacity (open/close):	120 - max. 200 l/min
Operating pressure (rotate):	max. 17 MPa (170 bar)
Pump capacity (rotate):	20 - max. 30 l/min

Technical drawing

