

Orange peel grab with 4 or 5 tines and 1500l/1.96c.y., 2000l/2.62c.y. or 3000l/3.92c.y. volume for the handling of bulky scrap with excavators from 50t/110000lbs to 80t/176000lbs operating weight - for heavy duty tasks.

- ▷ With **3 different volumes and shell forms H, W and 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 P80VHD Heavy Duty

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)
P80VHD-1500-4-T	2010 / 79.1	2770 / 109.1	2770 / 109.1	1500 / 1.96	4	2500 / 5500	10000 / 22000
P80VHD-2000-5-H	2070 / 81.5	3180 / 125.2	2970 / 116.9	2000 / 2.62	5	3200 / 7040	10000 / 22000
P80VHD-2000-5-W	2070 / 81.5	3180 / 125.2	2970 / 116.9	2000 / 2.62	5	3000 / 6600	10000 / 22000
P80VHD-2000-5-T	2070 / 81.5	3180 / 125.2	2970 / 116.9	2000 / 2.62	5	2780 / 6116	10000 / 22000
P80VHD-2500-5-H	2200 / 86.6	3360 / 132.3	3065 / 120.7	2500 / 3.27	5	3310 / 7282	10000 / 22000
P80VHD-2500-5-W	2200 / 86.6	3360 / 132.3	3065 / 120.7	2500 / 3.27	5	3110 / 6842	10000 / 22000
P80VHD-2500-5-T	2200 / 86.6	3360 / 132.3	3065 / 120.7	2500 / 3.27	5	2890 / 6358	10000 / 22000
P80VHD-3000-5-H	2325 / 91.5	3540 / 139.4	3155 / 124.2	3000 / 3.92	5	3420 / 7524	10000 / 22000
P80VHD-3000-5-W	2325 / 91.5	3540 / 139.4	3155 / 124.2	3000 / 3.92	5	3220 / 7084	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 RD120	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):	max. 350 l/min / 92.5GPM
Operating pressure (rotate):	max. 20 MPa (200 bar) / 2900psi
Pump capacity (rotate):	20 - max. 60 l/min / 5.0 - max. 16.0GPM

Technical drawing

