Orange Peel Grabs Heavy Duty up to 80t / *176,000lbs* P80VHD

Orange peel grab with 4 or 5 tines and 1,500l / 1.96c.y. up to 3,000l / 3.92c.y. volume for the handling of bulky scrap with excavators from 50t / 110,000lbs to 80t / 176,000lbs operating weight - for heavy duty tasks.

- With **4 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.
- **Non-return valve** is optionally available.

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-1500-4T	2,010 / 79.1	2,770 / 109.1	2,770 / 109.1	1,500 / 1.96	4	2,500 / 5,500	10,000 / 22,000
P80VHD-2000-5H	2,070 / 81.5	3,180 / 125.2	2,970 / 116.9	2,000 / 2.62	5	3,200 / 7,040	10,000 / 22,000
P80VHD-2000-5W	2,070 / 81.5	3,180 / 125.2	2,970 / 116.9	2,000 / 2.62	5	3,000 / 6,600	10,000 / 22,000
P80VHD-2000-5T	2,070 / 81.5	3,180 / 125.2	2,970 / 116.9	2,000 / 2.62	5	2,780 / 6,116	10,000 / 22,000
P80VHD-2500-5H	2,200 / 86.6	3,360 / 132.3	3,065 / 120.7	2,500 / 3.27	5	3,310 / 7,282	10,000 / 22,000
P80VHD-2500-5W	2,200 / 86.6	3,360 / 132.3	3,065 / 120.7	2,500 / 3.27	5	3,110 / 6,842	10,000 / 22,000
P80VHD-2500-5T	2,200 / 86.6	3,360 / 132.3	3,065 / 120.7	2,500 / 3.27	5	2,890 / 6,358	10,000 / 22,000
P80VHD-3000-5H	2,325 / 91.5	3,540 / 139.4	3,155 / 124.2	3,000 / 3.92	5	3,420 / 7,524	10,000 / 22,000
P80VHD-3000-5W	2,325 / 91.5	3,540 / 139.4	3,155 / 124.2	3,000 / 3.92	5	3,220 / 7,084	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

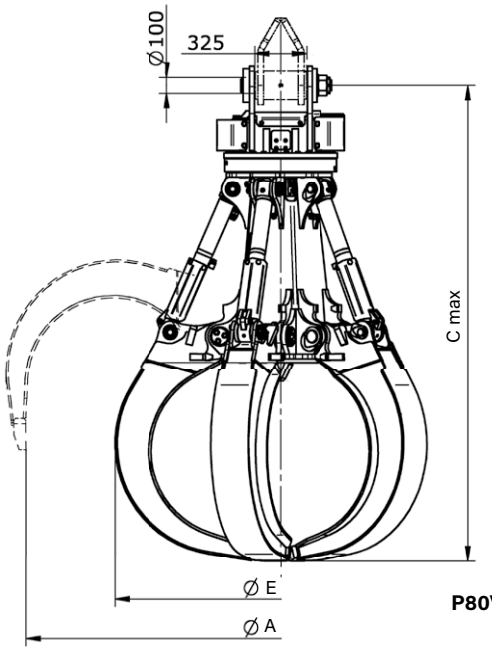
Accessories

Type	Description
KM 501 RD120	upper suspension without pendulum damper
	adapters for quick change systems from other manufacturers or different sizes on request

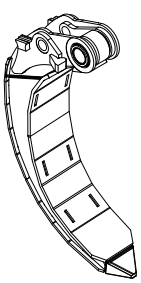
Requirements of carrier machine

Operating pressure (open/close):	**max. 35 MPa (350 bar) / 5,070 psi**
Pump capacity (open/close):	max. 350 l/min / 92.5 GPM
Operating pressure (rotate):	**max. 20 MPa (200 bar) / 2,900 psi**
Pump capacity (rotate):	20 - max. 60 l/min / 5.0 - max. 16.0 GPM

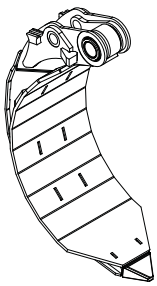
Technical drawing



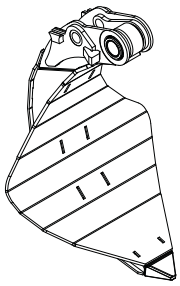
P80VHD-2000-5T



T: small tines



W: wide tines



H: half closing tines

Request? scs@kinshofer.com

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