

Orange peel grab with 3 tines for the handling of bulky scrap with excavators from 26t/57200lbs to 40t/88000lbs operating weight - for heavy duty tasks.

- ▷ Hydraulic cylinders are fitted with **replaceable piston rod protection** and are **hydraulically cushioned**.
- ▷ **Easy accessible greasing points**.
- ▷ **Reinforced tines** made of wear-resistant steel 400HB.
- ▷ **Weld-on tips** made of high resistant forged and tempered steel 500HB.
- ▷ **Accurate fittings** eliminate tine distortion, **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.
- ▷ **Swivel and bevel sealed**. Rotary feedthrough and motor accessible directly.
- ▷ **Non-return valve** is optionally available.
- ▷ **High closing force** 38 kN/8360lbf. at an operating pressure of 35MPa/5070lbs., varies depending on width.



Orange Peel Grab P40VHD

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)
P40VHD-600-3-W*	1420 / 55.9	2200 / 86.6	2170 / 85.4	600 / 0.78	3	1390 / 3058	6000 / 13200
P40VHD-800-3-W*	1585 / 62.4	2200 / 86.6	2170 / 85.4	800 / 1.05	3	1430 / 3146	6000 / 13200
P40VHD-1000-3-W	1630 / 64.2	2440 / 96.1	2300 / 90.6	1000 / 1.31	3	1585 / 3487	6000 / 13200
P40VHD-1250-3-W	1830 / 72.0	2660 / 104.7	2415 / 95.1	1250 / 1.64	3	1660 / 3652	6000 / 13200
P40VHD-1500-3-W	1860 / 73.2	2835 / 111.6	2510 / 98.8	1500 / 1.96	3	2045 / 4499	6000 / 13200

* prices w/o adapter

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

Accessories

Type	Description
KM 501 RD50	upper suspension without pendulum damper
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. 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 - 53GPM
Hydraulic connection (open/close):	1"
Operating pressure (rotate):	max. 17 MPa (170 bar) / 2460psi
Pump capacity (rotate):	20 - max. 30 l/min / 5 - max. 8GPM
Hydraulic connection (rotate):	1/2"

Technical drawing

