

Orange peel grab with 4 or 5 tines and 600l/0.78c.y. or 800l/1.05c.y. volume for the handling of bulky scrap with excavators with up to 40t/88000lbs operating weight - for heavy duty tasks.



- ▷ Available in **two different volumes and diverse tine profiles.**
- ▷ 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.
- ▷ **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/5070psi, 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-600-5-H	1430 / 56.3	2200 / 86.6	2170 / 85.4	600 / 0.78	5	1830 / 4026	10000 / 22000
P40VHD-600-5-W	1430 / 56.3	2200 / 86.6	2170 / 85.4	600 / 0.78	5	1780 / 3916	10000 / 22000
P40VHD-600-5-T	1430 / 56.3	2200 / 86.6	2170 / 85.4	600 / 0.78	5	1620 / 3674	10000 / 22000
P40VHD-800-4-W	1570 / 61.8	2200 / 86.6	2170 / 85.4	800 / 1.05	4	1670 / 3674	10000 / 22000
P40VHD-800-4-T	1570 / 61.8	2200 / 86.6	2170 / 85.4	800 / 1.05	4	1530 / 3366	10000 / 22000
P40VHD-800-5-F	1570 / 61.8	2200 / 86.6	2170 / 85.4	800 / 1.05	5	2035 / 4477	10000 / 22000
P40VHD-800-5-H	1570 / 61.8	2200 / 86.6	2170 / 85.4	800 / 1.05	5	1950 / 4290	10000 / 22000
P40VHD-800-5-W	1570 / 61.8	2200 / 86.6	2170 / 85.4	800 / 1.05	5	1940 / 4268	10000 / 22000
P40VHD-800-5-T	1570 / 61.8	2200 / 86.6	2170 / 85.4	800 / 1.05	5	1760 / 3872	10000 / 22000

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 - max. 53GMP
Hydraulic connection (open/close):	1"
Operating pressure (rotate):	max. 17 MPa (170 bar) / 2460psi
Pump capacity (rotate):	20 - max. 30 l/min / 5 - max. 8GMP
Hydraulic connection (rotate):	1/2"

Technical drawing

