

# Orange Peel Grabs Heavy Duty with 4/5 tines

P30VHD

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 from 20t/44000lbs to 30t/66000lbs operating weight - for heavy duty tasks.



800.321.3396

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- ▷ 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).
- ▷ **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** 27kN/5940lbf at an operating pressure of 35MPa/5070psi, varies depending on width.

## Orange Peel Grab P30VHD

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)
P30VHD-600-4-F	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	4	1600 / 3520	7000 / 15400
P30VHD-600-4-H	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	4	1520 / 3344	7000 / 15400
P30VHD-600-4-W	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	4	1385 / 3047	7000 / 15400
P30VHD-600-4-T	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	4	1360 / 2992	7000 / 15400
P30VHD-600-5-F	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	5	1770 / 3894	7000 / 15400
P30VHD-600-5-H	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	5	1670 / 3674	7000 / 15400
P30VHD-600-5-W	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	5	1595 / 3509	7000 / 15400
P30VHD-600-5-T	1520 / 59.8	2130 / 83.9	1980 / 78.0	600 / 0.78	5	1570 / 3454	7000 / 15400
P30VHD-800-5-F	1525 / 60.0	2290 / 90.2	2065 / 81.3	800 / 1.05	5	1750 / 3850	7000 / 15400
P30VHD-800-5-H	1525 / 60.0	2290 / 90.2	2065 / 81.3	800 / 1.05	5	1690 / 3718	7000 / 15400
P30VHD-800-5-W	1525 / 60.0	2290 / 90.2	2065 / 81.3	800 / 1.05	5	1560 / 3432	7000 / 15400
P30VHD-800-5-T	1525 / 60.0	2290 / 90.2	2065 / 81.3	800 / 1.05	5	1540 / 3388	7000 / 15400

**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

<b>Operating pressure (open/close):</b>	<b>max. 35 MPa (350 bar) / 5070psi</b>
<b>Pump capacity (open/close):</b>	120 - max. 200 l/min / 32 - max. 53GPM
<b>Hydraulic connection (open/close):</b>	1"
<b>Operating pressure (rotate):</b>	<b>17 MPa (170 bar) / 2460psi</b>
<b>Pump capacity (rotate):</b>	20 - max. 30 l/min / 5 - max. 8GPM
<b>Hydraulic connection (rotate):</b>	1/2"

## Technical drawing

