

P30VHD/P40VHD Orange Peel Grabs Heavy Duty with 600 l / 800 l Volume

Orange peel grab with 4 or 5 tines and 600 l or 800 l volume for the handling of bulky scrap with excavators from 20 t to 30 t / 26 t to 40 t operating weight - for heavy duty tasks.

- Available in two different volumes and diverse tine profiles (see technical drawings below).
- Hydraulic cylinders are fitted with replaceable piston rod protection and are hydraulically cushioned.
- Oil distributor with integrated non-return valve mounted directly underneath the rotator.
- Oil distribution and hydraulic hoses are protected in the carrier.
- Greasing points are easily accessible.
- Reinforced tines made of wear-resistant steel HB 400.
- Weld-on tips made of high resistant forged and tempered steel HB 500.
- High closing force P30VHD: 27 kN / P40VHD: 37 kN at an operating pressure of 35 MPa.
- Accurate fittings eliminate tine distortion, solid end stops (open & close).
- Reinforced bolts, large bearing surface for bolts, specially coated solid steel bushings.

New:

- 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.



Orange Peel Grabs P30VHD / P40VHD Heavy Duty

Type	Width A (closed) (mm)	Opening B (mm)	Height C (closed) (mm)	Volume (litre)	Number of tines	Weight (kg)	Load capacity (kg)	Operation weight (t)
P30VHD-600-5-F	1420	2290	2065	600	5	1570	7000	20 - 30
P30VHD-600-5-H	1420	2290	2065	600	5	1470	7000	20 - 30
P30VHD-600-5-W	1420	2290	2065	600	5	1395	7000	20 - 30
P30VHD-600-5-T	1420	2290	2065	600	5	1370	7000	20 - 30
P40VHD-600-5-H	1420	2200	2075	600	5	1805	10000	26 - 40
P40VHD-600-5-W	1420	2200	2075	600	5	1735	10000	26 - 40
P40VHD-600-5-T	1420	2200	2075	600	5	1700	10000	26 - 40
P40VHD-800-4-W	1585	2200	2075	800	4	1480	10000	26 - 40
P40VHD-800-4-T	1585	2200	2075	800	4	1450	10000	26 - 40
P40VHD-800-5-F	1585	2200	2075	800	5	2075	10000	26 - 40
P40VHD-800-5-H	1585	2200	2075	800	5	1860	10000	26 - 40
P40VHD-800-5-W	1585	2200	2075	800	5	1775	10000	26 - 40
P40VHD-800-5-T	1585	2200	2075	800	5	1740	10000	26 - 40

Package consists of: orange peel grab, integrated rotation fixed at 4 points, head plate, hose guard, non-return valve and bolt-on bottom plate with welded lifting eye

Accessories

Type	Description
KM 501 19t-60t	upper suspension without pendulum damper
SW25 cardanic	adapter for Lehnhoff grab exchange system SW/MS25 without suspension – up to 40t
	adapter for quick exchange systems from other manufacturers available

Requirements of Excavator

Operating pressure:	Open/ Close max. 35 MPa (350 bar)	Rotation max. 17 MPa (170 bar)
Pump capacity:	120 - 200 l/min	25 - 60 l/min

Technical Drawings

