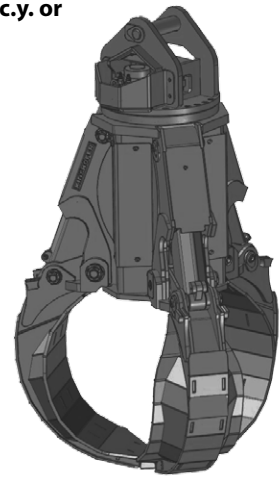


Orange Peel Grabs Heavy Duty with 3 Tines

P40VHD

Orange peel grab with 3 tines and 600 l / 0.78 c.y., 800 l / 1.05 c.y., 1000 l / 1.31 c.y., 1250 l / 1.64 c.y. or 1500 l / 1.96 c.y. volume for the handling of bulky scrap with excavators from 26t / 57200 lbs to 40t / 88000 lbs 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 38 kN / 8360 lbf at an Operating pressure of 35 MPa / 5040 psi.
- 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.



Orange Peel Grabs P40VHD Heavy Duty

Type	Width E (closed) (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (litre/c.y.)	Number of tines	Weight (kg/lbs)	Load capacity (kg/lbs)
P40VHD-600-3-W	1420 / 55.91	2200 / 86.61	2170 / 85.43	600 / 0.78	3	1390 / 3058	6000 / 13200
P40VHD-800-3-W	1585 / 62.40	2200 / 86.61	2170 / 85.43	800 / 1.05	3	1430 / 3146	6000 / 13200
P40VHD-1000-3-W	1630 / 64.17	2440 / 96.06	2300 / 90.55	1000 / 1.31	3	1585 / 3487	6000 / 13200
P40VHD-1250-3-W	1830 / 72.05	2660 / 104.72	2415 / 95.08	1250 / 1.64	3	1660 / 3652	6000 / 13200
P40VHD-1500-3-W	1860 / 73.23	2835 / 111.61	2510 / 98.82	1500 / 1.96	3	2045 / 4499	6000 / 13200

Package consists of: orange peel grab, integrated rotation with sturdy slewing ring, 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 / 88000 lbs
	adapter for quick exchange systems from other manufacturers available

Requirements of Excavator

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5040 psi
Pump capacity (open/close):	120 - 200 l/min / 31.70 - 52.84 GPM
Hydraulic connection (Open/Close):	1"
Operating pressure (rotation):	max. 17 MPa (170 bar) / 2448 psi
Pump capacity (rotation):	25 - 60 l/min / 6.61 - 15.85 GPM
Hydraulic connection (Rotation):	1/2"

Technical Drawings

