

Orange Peel Grabs with 4/5 Tines and 1000 l / 1250 l / 1500 l Volume P51V

Orange peel grab with 4 or 5 tines and 1000/ 1250/ 1500 litres volume for the handling of bulky scrap with excavators up to 50t operating weight.

- Available with 5 tines in 4 different profiles F, H, W, T or with 4 tines in 2 different profiles W, T (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.
- Closing force of up to 33 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.
- Carrier features a wide opening at the bottom to accommodate a radiation detector.
- With flat rotator KM 15 F273-70: high nominal maximum moment of deflection of 50000 Nm.



Orange Peel Grabs P51V-1000-4/-5 / P51V-1250-5 / P51V-1500-5

Type	Width (closed) (mm)	Opening (mm)	Height (closed) (mm)	Volume (litre)	Number of tines	Weight (kg)	Capacity (kg)
P51V-1000-4-W	1630	2440	2200	1000	4	1480	10000
P51V-1000-4-T	1630	2440	2200	1000	4	1455	10000
P51V-1000-5-F	1630	2440	2200	1000	5	2025	10000
P51V-1000-5-H	1630	2440	2200	1000	5	1860	10000
P51V-1000-5-W	1630	2440	2200	1000	5	1790	10000
P51V-1000-5-T	1630	2440	2200	1000	5	1750	10000
P51V-1250-5-F	1830	2660	2320	1250	5	2105	10000
P51V-1250-5-H	1830	2660	2320	1250	5	1940	10000
P51V-1250-5-W	1830	2660	2320	1250	5	1870	10000
P51V-1250-5-T	1830	2660	2320	1250	5	1830	10000
P51V-1500-5-F	1870	2840	2410	1500	5	2180	10000
P51V-1500-5-H	1870	2840	2410	1500	5	2015	10000
P51V-1500-5-W	1870	2840	2410	1500	5	1945	10000
P51V-1500-5-T	1870	2840	2410	1500	5	1905	10000

Package consists of: orange peel grab, **KINSHOFER** rotator, head plate and non-return valve

KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper connection (width x pin-Ø) (mm)	Torque (Nm)	Moment of deflection max. (Nm)
KM 15 F273-70	180 x Ø 70	2000	50000

Accessories

Type	Description
KM 501 19t-60t	upper suspension without pendulum damper
KM 511 19t-60t	upper suspension with pendulum damper
SW40 cardanic	adapter for Lehnhoff grapple exchange system SW/H540 without suspension – up to 70 t
	adapter for quick exchange systems of different manufacturers available on request
KM 685 06 bolt-on lifting eye	bolt-on bottom plate with welded lifting eye
KM 206P	hose guard incl. motor pin

Requirements of Excavator

Operating pressure:	Open/ Close max. 35 MPa (350 bar)	Rotator 15 - 32 MPa (150 - 320 bar)
Pump capacity:	50 - 200 l/min	25 - 95 l/min

Technical Drawings

