Orange Peel Grabs with 4/5 Tines and 1000 I / 1250 I / 1500 I 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 distorsion, 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 accomodate 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 Width Heiaht Volume Number of Weight Capacity Type Opening (closed) (closed) tines (mm) (mm) (mm) (litre) (kg) P51V-1000-4-W 1630 2440 2200 1000 1480 P51V-1000-4-T 1630 2440 2200 1000 1455 Δ P51V-1000-5-F 1630 2440 2200 1000 5 2025 P51V-1000-5-H 1630 2440 2200 1000 5 1860 P51V-1000-5-W 1630 2440 2200 1000 5 1790 P51V-1000-5-T 2440 1000 1750 1630 2200 P51V-1250-5-F 1830 2660 2320 1250 2105 5 P51V-1250-5-H 1830 2660 2320 1250 5 1940 P51V-1250-5-W 1830 2660 2320 1250 1870 5 P51V-1250-5-T 1830 2660 1250 5 2320 1830 P51V-1500-5-F 1870 2410 2840 1500 5 2180 P51V-1500-5-H 1870 2840 2410 1500 5 2015 P51V-1500-5-W 2410 1870 2840 1500 5 1945 P51V-1500-5-T 1870 2840 2410 1500 5 1905 orange peel grab, KINSHOFER rotator, head plate and non-return valve Package consists of:

KINSHOFER Rotator

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

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

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/HS40 without suspension – up to 70 t	
	adapter for quick exchange systems of different manufacturers available on request	
KM 685 06 bolt-on lifting ey	e bolt-on bottom plate with welded lifting eye	
KM 206P	hose guard incl. motor pin	
Requirements of Excavator		

Rotator

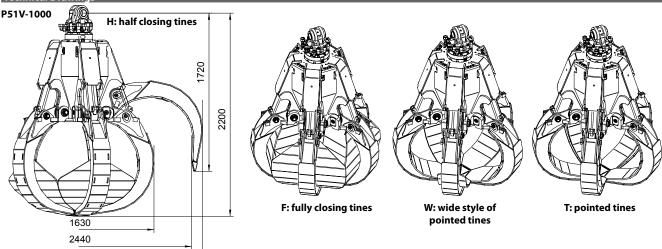
25 - 95 l/min

15 - 32 MPa (150 - 320 bar)

Open/ Close max. 35 MPa (350 bar) **Operating pressure: Pump capacity:** 50 - 200 l/min



2680





(kg)

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000