

# Rock Grab

# R12H

Rock grab for excavators from 6t / 13200 lbs to 13t / 28600 lbs operating weight for positioning and handling of natural rocks.

- Economic rock grab for cardanic mounting.
- Long life due to the use of 500 HB steel and exchangeable forged tooth.
- Bolt-on shells for earth moving are available for landscaping architecture.
- Exceptional closing forces through two horizontally positioned hydraulic cylinders that are protected by the bucket carrier.
- Larger gripping volume due to narrow spaced pivots.
- Integrated non-return-valve guarantees secure handling of loads.



Rock Grab R12H							
Type	Width E (mm/in)	Opening A (w/o teeth) (mm/in)	Height C max. (mm/in)	Volume (m <sup>3</sup> /cords)	Self weight (kg/lbs)	Load capacity (kg/lbs)	Operating weight (t/lbs)
R12H-0,35	480 / 18.90	1780 / 70.08	1250 / 49.21	0,35 / 0.23	365 / 803	3000 / 6600	6 - 13 / 13200 - 28600

Package consists of: rock grab, **KINSHOFER** rotator, hose guard and non-return valve

KINSHOFER Rotator			
Type	Upper connection (width/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 07 F180-40	84 x 40 / 3.31 x 1.57	2000 / 1475	15000 / 11065

Accessories	
Type	Description
KM 501 6t-12t	upper suspension without pendulum damper
KM 511 6t-12t	upper suspension with pendulum damper
SW08 cardanic	adapter for Lehnhoff grab exchange system SW/MS08 for rigid mounting – up to 12t / 26400 lbs
SW10 cardanic	adapter for Lehnhoff grab exchange system SW/MS10 for rigid mounting – up to 19t / 41800 lbs
	adapter for quick exchange systems from other manufacturers available
KM 681 800	bolt-on shells to handle loose material: width 800 mm / 31.50 in, volume 225 litre / 0.29 c.y.
KM 681 1000	bolt-on shells to handle loose material: width 1000 mm / 39.37 in, volume 275 litre / 0.36 c.y.
KM 682	bucket mounting stand for quick change of shells

Requirements of Excavator	
Operating pressure (open/close):	max. 32 Mpa (320 bar) / 4608 psi
Pump capacity (open/close):	35 - 120 l/min / 9.25 - 31.70 GPM
Hydraulic connection (grab/rotate):	G 1/2" / M27 x 2
Operating pressure (rotation):	max. 32 Mpa (320 bar) / 4608 psi
Pump capacity (rotation):	20 - 50 l/min / 5.28 - 13.21 GPM

### Technical Drawings

