

Rock grab for excavators from 14t / 30,800lbs up to 40t / 88,000lbs operating weight, depending on the size, for the positioning and handling of natural rocks.

- For **rigid or cardanic mounting**.
- **Robust, fully integrated rotation** with sturdy slewing ring to withstand external forces, with connecting hoses located inside the hub.  
Hydraulic quick exchange systems are mountable directly.  
**Integrated pressure relief valve** against overcharge.
- **Exceptional closing forces** through two horizontally positioned hydraulic cylinders that are protected by the bucket carrier.
- **Large gripping volume** due to widely spaced pivots.
- **Integrated non-return valve** guarantees secure handling of loads.
- **Cylinders are hydraulically cushioned**.



R27H

## Rock Grabs R20H / R27H / R40H

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (m³/cords)	Weight (kg/lbs)	Load capacity (kg/lbs)	Operating weight (t/lbs)
<b>R20H-0,40</b>	720 / 28.3	1,800 / 70.9	1,340 / 52.8	0.40 / 0.27	1,050 / 2,310	5,000 / 11,000	14 - 20 / 30,800 - 44,000
<b>R27H-0,55</b>	840 / 33.1	2,040 / 80.3	1,500 / 59.1	0.55 / 0.37	1,500 / 3,300	6,000 / 13,200	18 - 27 / 39,600 - 59,400
<b>R40H-0,60</b>	1,020 / 40.2	2,684 / 105.7	1,651 / 65.0	0.60 / 0.40	2,050 / 4,510	7,000 / 15,400	27 - 40 / 59,400 - 88,000

**Package consists of:** rock grab, integrated rotation with sturdy slewing ring and non-return valve

## Accessories

Type	Description
<b>KM 690 20t</b>	adapter for rigid mounting – up to 20t/44,000lbs
<b>KM 690 27t</b>	adapter for rigid mounting – up to 27t/59,400lbs
<b>OQ</b>	bolt-on adapter for Oilquick OQ – 5t to 70t/11,000lbs to 15,4000lbs
<b>KSW10 rigid</b>	bolt-on adapter for system L-Lock KMS10L/KHS10L – up to 19t/41,800lbs
<b>KSW21/25 rigid</b>	bolt-on adapter for system L-Lock KMS21/25L / KHS21/25L – up to 40t/88,000lbs
	adapters for quick change systems from other manufacturers or different sizes on request
<b>KM 501 19t-60t</b>	upper suspension without pendulum damper
<b>KM 511 19t-60t</b>	upper suspension with pendulum damper
<b>KM 510 19t-60t</b>	single pendulum damper
<b>KM 693 01</b>	adapter for cardanic mount for R20H
<b>KM 693 02</b>	adapter for cardanic mount for R27H

## Requirements of carrier machine

	R20H	R27H	R40H
<b>Operating pressure (open/close):</b>	<b>max. 32 MPa (320 bar) / 4,640 psi</b>	<b>max. 35 MPa (350 bar) / 5,070 psi</b>	<b>max. 35 MPa (350 bar) / 5,070 psi</b>
<b>Pump capacity (open/close):</b>	75 - max. 150 l/min / 20 - max. 40 GPM	75 - max. 150 l/min / 20 - max. 40 GPM	75 - max. 150 l/min / 20 - max. 40 GPM
<b>Hydraulic connection (open/close / rotate):</b>	G 3/4" / G 1/2"	G 3/4" / G 1/2"	25 S / 16 S
<b>Operating pressure (rotate):</b>	<b>max. 14 MPa (140 bar) / 2,030 psi</b>	<b>max. 14 MPa (140 bar) / 2,030psi</b>	<b>max. 14 MPa (140 bar) / 2,030 psi</b>
<b>Pump capacity (rotate):</b>	20 - max. 50 l/min / 5 - max. 13 GPM	20 - max. 50 l/min / 5 - max. 13 GPM	20 - max. 50 l/min / 5 - max. 13 GPM

## Technical drawing

