

Single acting hollow piston type cylinders with spring returns 10-100 tons lifting force

✓ **Advantages:** • Ideal for pulling and stretching cables, pulling out bolts, anchor bolts, screws, pressure spindles etc.
Max. working pressure: 700 bar
Supply volume: All cylinders are delivered by the factory along with an assembled coupling sleeve 9796 (page 544).

Type	Stroke	Oil volume	Height retracted	Centre hole diameter	Cylinder external Ø	Cylinder male threads
10 tons lifting force						
RH 102	63.5	90.5 cm ³	134.9	19.4	76.2	---
RH 108	203.2	290.0 cm ³	287.3	19.4	76.2	---
12 tons lifting force						
RH 120**	7.9	14.3 cm ³	55.6	17.5	69.9	UN 2 3/4"-16
RH 121	41.3	73.6 cm ³	122.2	20.2	69.9	UN 2 3/4"-16
RH 123	76.2	136.0 cm ³	184.2	20.6	69.9	UN 2 3/4"-16
20 tons lifting force						
RH 202	50.8	155.0 cm ³	155.6	27.4	98.4	UN 3 7/8"-12
RH 203	76.2	192.9 cm ³	154.0	26.6	101.6	---
RH 206	152.4	465.0 cm ³	308.0	27.4	98.4	UN 3 7/8"-12
30 tons lifting force						
RH 302	63.5	260.0 cm ³	158.8	32.9	120.7	UN 4 3/4"-12
RH 306	152.4	624.9 cm ³	247.7	32.5	120.7	UN 4 3/4"-12
RHA 306*	149.2	624.9 cm ³	283.4	32.5	130.2	---
50 tons lifting force						
RH 503	76.2	534.3 cm ³	181.0	42.5	152.4	UN 6"-12
60 tons lifting force						
RH 603	76.2	606.8 cm ³	235.0	54.0	158.8	UN 6 1/4"-12
RH 606	152.4	1211.3 cm ³	311.2	54.0	158.8	UN 6 1/4"-12
100 tons lifting force						
RH 1003	76.2	1013.5 cm ³	254.0	79.4	212.7	---

* aluminium cylinder especially light, ** FT 1/4" NPT connection thread without coupling sleeve. For connection with the special hydraulic hose, please use reducing nipple type 9689 and sleeve type 9796



type RH 203



type RH 503

Hydraulic spreader (hydraulic crowbars)

✓ **Advantages:** • Suitable for lifting machines, pre-tensioning concrete forms, for clamping and straightening.
Material: HS 2000: forged steel, HS 3000: High quality cast iron

Type	Force	Oil volume	Minimum required margin	Spread width
HS 2000	1.0 tons	4.06 cm ³	14.2	101.6
HS 3000	1.5 tons	19.70 cm ³	30.2	292.1



type HS 2000

Hydraulic pullers, usable 2- or 3-armed

✓ **Advantages:** • The extractor is very quick to use, everything is contained in a practical case.
• In the basic version supports are available that can fit either a 2 or 3-armed puller, so that the puller can be operated in a 2 or 3 armed way.
• The hydraulic pump is fitted directly onto the cylinder (no tube installation is required).

Supply volume: Hydraulic pump, hydraulic cylinder and 3 pieces removal arms, robust equipment case

Type	Max. tractive force	Depth of removal	Spread width	Stroke
PH 63 C	6 tons	152	200	80
PH 83 C	8 tons	190	249	80
PH 113 C	11 tons	229	280	80
PH 303 C	30 tons	375	540	110



type PH 83 C

Manual pullers, 2-armed

✓ **Advantages:** • Full steel version, forged with tempered crossbeam
• Leg brake with push-button release secures the legs against unintentional movements
• Can be used as external and internal extractor by reversing the legs
• The laser-engraved scale makes it easier to align the legs symmetrically and allows for centred extraction with an optimised distribution of force
• replaceable spindle head

Type	Max. tractive force	Depth of removal	Clamping range as ext. extractor	Clamping range as int. extractor
ABZI M 130	5 tons	100	0 - 130	70 - 170
ABZI M 200	10 tons	150	0 - 200	110 - 260
ABZI M 350	15 tons	200	0 - 350	150 - 420

GEDORE



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.