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AAM / AVM / TX / ATM - GAUGE ADAPTOR

Whatever combination of pump and gauge you might have, we can offer the right adapter. Gauge adapters AAM201, AVM202 and TX111 have swiveling connection threads for gauge connection.

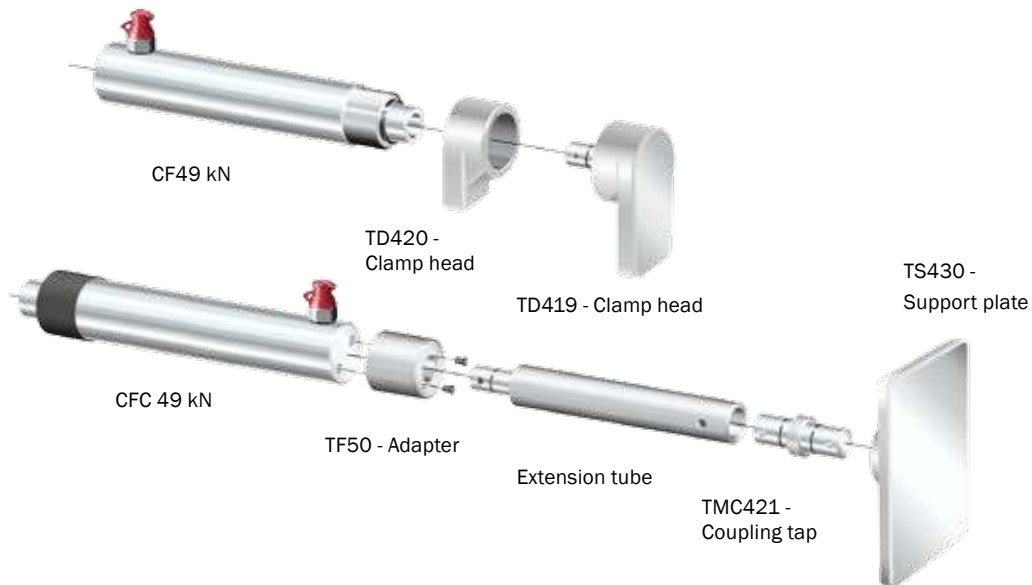
Note! All gauge adaptors are supplied with proper seals up on delivery except AAM14 which require an additional seal part number 17009.



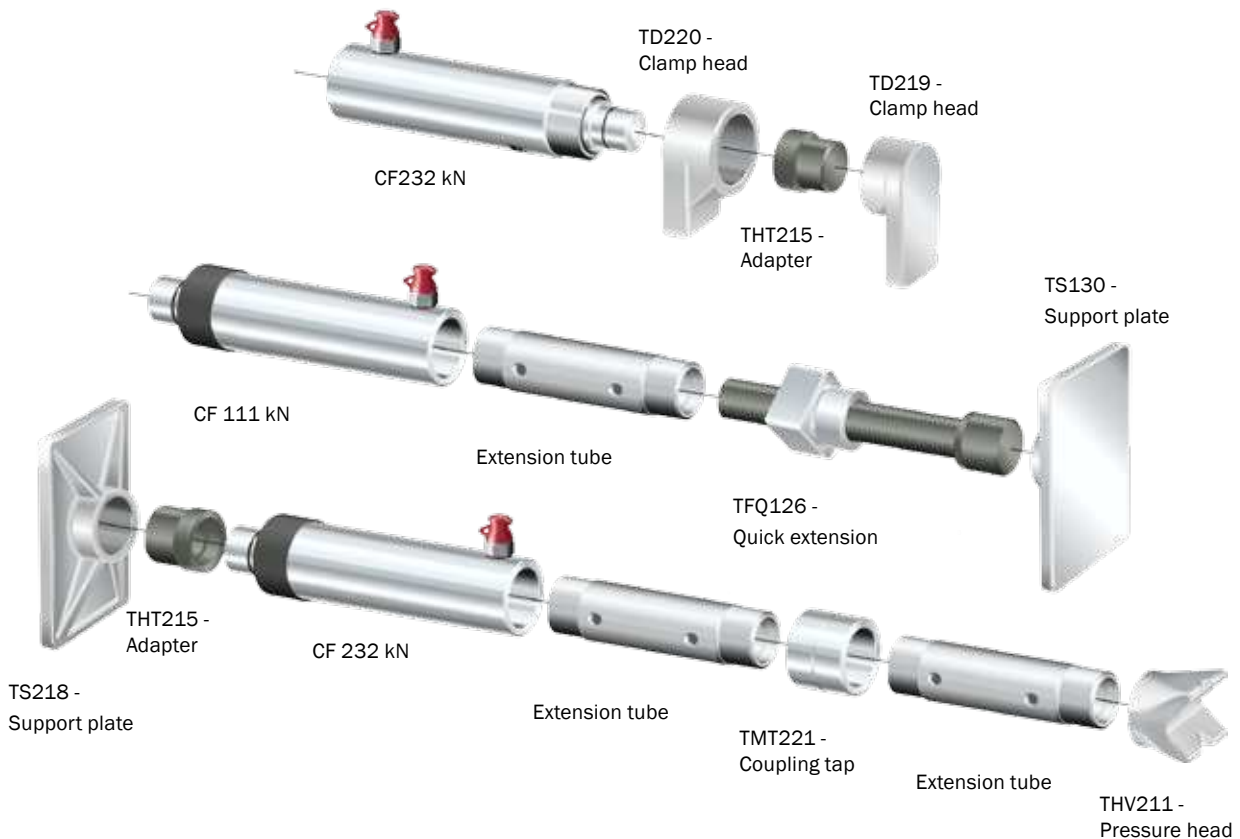
Name	For perssure gauge	Ext. thread A	Int. thread B	Int. thread C	Max. pressure MPa/bar	
AAM14	AMT801, TX104	G 1/4"	-	G 1/4"	150/1500	
AAM201	AMP651, AMP652, AMT650, AMZ50, AMZ150, AMZ250	G 1/4"	-	G 1/2"	100/1000	
AVM202	AMP651, AMP652, AMT650, AMZ50, AMZ150, AMZ250	G 1/4"	G 1/4"	G 1/2"	100/1000	
AVM204	AMT801, TX104	G 1/4"	G 1/4"	G 1/4"	150/1500	
TX111	TX102	G 1/4"	G 1/4"	G 3/8"	80/800	
ATM214	AMT801, TX104	G 1/4"	G 1/4"	G 1/4"	100/1000	

ACCESSORIES FOR CF & CFC - SERIES

For CF / CFC cylinders (49 kN)



For CF / CFC cylinders (111 & 232 kN)



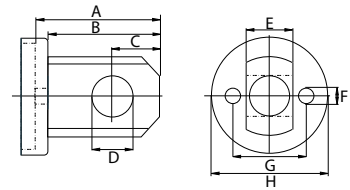
Cylinders within the CF and CFC series are general purpose cylinders. Both series includes a wide range of products with respect to various stroke lengths and product performance. The series are prepared to be equipped with several different accessories extending the use of the cylinders.

In order to connect accessories to the base plate of CFC cylinders, adapter TG50 (for 5 ton CFC cylinders), TFG100 (for 10 ton CFC cylinders) or TFG250 (for 25 ton CFC cylinders) are required.

TCF - CLEVIS EYE

For CFC - cylinders, used for adapting the cylinder base

- Making CFC-cylinders flexible and suitable for push & pull applications.
- Suitable for CFC cylinders 49 kN - 232 kN.

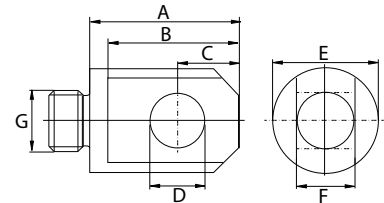


Name	For cylinder type	A	B	C	D	E	F	G	H	J
		mm	mm	mm	ø mm	mm	ø mm	mm	ø mm	ø mm
TCF50	49 kN/5 ton	48	41,5	16	16	14,2	7	25	44,5	29
TCF100	111 kN/10 ton	67	60,5	25,5	22,35	25,4	8,5	40	63,5	43
TCF150	166 kN/15 ton	67	60,5	25,5	22,35	25,4	10	48	77	43
TCF250	232 kN/25 ton	80	73,25	31,75	31,75	38,1	13,5	59	95	57

TKF - CLEVIS EYE

For CFC - cylinders used for adapting the cylinder piston

- Making CFC - cylinders flexible and suitable for push & pull applications.
- Suitable for CFC cylinders 49 kN - 232 kN.

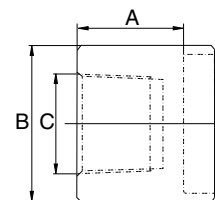


Name	For cylinder type	A	B	C	D	E	F	G
		mm	mm	mm	ø mm	ø mm	ø mm	
TKF50	49 kN/5 ton	41,5	34	16	16	29	14,2	3/4"-16 UNF
TKF100	111 kN/10 ton, 166 kN/15 ton	62	54	25,5	22,35	43	25,4	1"-8 UNC
TKF250	232 kN/25 ton	74,5	66,5	31,8	31,75	57	38,1	1 1/2"-16 UN

TF / TFG - ADAPTER

For CFC - cylinders, used for adapting the cylinder base

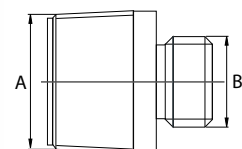
Name	For cylinder type	A	B	C
		mm	ø mm	
TF50	49 kN/5 ton	39	44,5	ø 19 mm
TFG50	49 kN/5 ton	39	44,5	3/4"-14 NPT
TFG100	111 kN/10 ton	45	65	1 1/4"-11 1/2 NPT
TFG250	232 kN/25 ton	50,5	98	2"-11 1/2 NPT



THT - ADAPTER

For CFC - cylinders, used for adapting the cylinder piston

Name	For cylinder type	A	B
THT50	49 kN/5 ton	3/4"-14 NPTF	3/4"-16 UNF
THT100*	111 kN/10 ton	1 1/4"-11 1/2 NPT	1"-8 UNC
THT250	232 kN/25 ton	2"-11 1/2 NPT	1 1/2"-16 UN



PRESSURE HEADS & EXTENSION TUBES

For CF & CFC cylinders

REHOBOT has a wide range of pressure heads for lifting, straightening or other operations.

Note! The maximal allowable extension varies per cylinder capacity. When using extension tubes there is a risk of cracking of the extension tubes. Extensions also reduces the capacity of the cylinder. See the graphic below for more information.



TH - PRESSURE HEADS

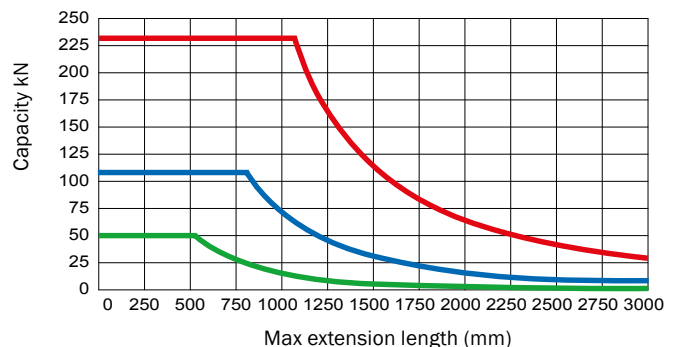
TFP - EXTENSION TUBES

Name	Description	Connction
For cylinders CF 49 kN/5 ton		
TH414	Pressure head, plain	Tap Ø 19 mm
THG413	Pressure ball ø 3"	Hole Ø 19 mm
THK412	Pressure head, pointed	Tap Ø 19 mm
THR415	Pressure head, grooved	Tap Ø 19 mm
THV411	Pressure head V-notched	Tap Ø 19 mm
For cylindrar CF & CFC ¹⁾ 111 kN/10 ton		
TH117	Pressure head, plain	Int. NPT 1 1/4-11 1/2
THG113	Pressure ball ø 3"	Int. NPT 1 1/4-11 1/2
THK112	Pressure head, pointed	Int. NPT 1 1/4-11 1/2
THR114	Pressure head, grooved	Int. NPT 1 1/4-11 1/2
THT115	Pressure head, ext. thread NPT 1 1/4-11 1/2	Hole Ø 32 mm
THV111	Pressure head V-notched	Int. NPT 1 1/4-11 1/2
THV118	Pressure head V-notched	Int. NPT 1 1/4-11 1/2
For cylinder CF & CFC ²⁾ 232 kN/25 ton		
THK212	Pressure head, pointed	Int. NPT 2-11 1/2
THR214	Pressure head, grooved	Int. NPT 2-11 1/2
THT215	Pressure head ext. thread NPT 2-11 1/2	Hole Ø 48 mm
THV211	Pressure head, V-notched	Int NPT 2-11 1/2

Name	Length mm	Hollow
For cylinder CF & CFC ¹⁾ 49 kN/5 ton		
TFP401	76	ø 19
TFP402	127	ø 19
TFP403	254	ø 19
TFP404	381	ø 19
TFP405	551	ø 19
For cylinder CF & CFC ²⁾ 111 kN/10 ton		
TFP101	76	NPT 1 1/4-11 1/2
TFP102	127	NPT 1 1/4-11 1/2
TFP103	254	NPT 1 1/4-11 1/2
TFP104	381	NPT 1 1/4-11 1/2
TFP105	585	NPT 1 1/4-11 1/2
TFP106	510	NPT 1 1/4-11 1/2
TFP107	760	NPT 1 1/4-11 1/2
For cylinder CF & CFC ³⁾ 232 kN/25 ton		
TFP203	254	NPT 2-11 1/2
TFP204	508	NPT 2-11 1/2
TFP205	762	NPT 2-11 1/2

1) - CFC-series require adapter TFG50
 2) - CFC-series require adapter TFG100
 3) - CFC-series require adapter TFG250

PERMISSIBLE EXTENSION FOR CF- & CFC - CYLINDERS



■ 232 kN CF/CFC ■ 111 kN CF/CFC ■ 49 kN CF/CFC

1) - CFC-series require adapter THT100
 2) - CFC-series require adapter THT150






OTHER ACCESSORIES

For CF & CFC cylinders

The accessories expand the usable range of the cylinder. Permitting the cylinder to be used for:











- Pushing applications
- Pulling applications








	Name	Connection
<i>For cylinders CF & CFC* 49 kN/5 ton</i>		
	TC428 Locking pin	-
	TD419 Clamp head for piston (max 20kN)	Tap ø 19 mm
	TD420 Clamp head for cylinder(max 20kN)	Int. UN 1 1/2-16
	TMC421 Coupling tap	Tap ø 19 mm
	TS430 Support plate	Hole ø 19 mm

* Accessories can be mounted on CFC - cylinder base by using adapter TF50

For cylinders CF & CFC 111 kN/10 ton*

	TC128 Locking pin	
	TD119 Clamp head for piston (max 50 kN)	Int. NPT 1 1/4-11 1/2
	TD120 Clamp head for cylinder(max 50 kN)	Int. UN 2 1/4-14
	TMC121 Coupling tap	Tap ø 32 mm
	TMT122 Coupling nipple	Ext. 2x NPT 1 1/4-11 1/2
	TMT124 Coupling nipple	Int. 2x NPT 1 1/4-11 1/2
	TK107 Chain with hook (2 m)	
	TOK109 Chain yoke	Int. UN 2 1/4-14
	TS130 Support plate	Int. NPT 1 1/4-11 1/2
	TSM131 Support plate with articulated tap	Ext. NPT 1 1/4-11 1/2
		

* Accessories can be mounted on CFC - cylinder base by using adapter TFG100

	Name	Connection
<i>For cylinders CF & CFC* 232 kN/25 ton</i>		
	TC228 Locking pin	-
	TMC221 Coupling tap	Tapp ø 48 mm
	TMT222 Coupling tap	Utv. 2x NPT 2-11 1/2
	TMT224 Coupling tap	Inv. 2x NPT 2-11 1/2
	TS218 Support plate	Inv. NPT 2-11 1/2

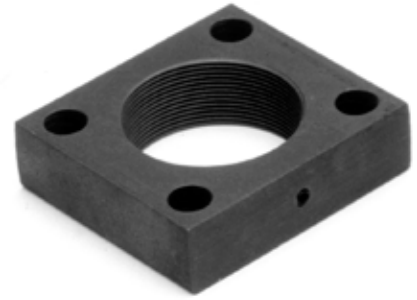
* Accessories can be mounted on CFC - cylinder base by using adapter TFG250



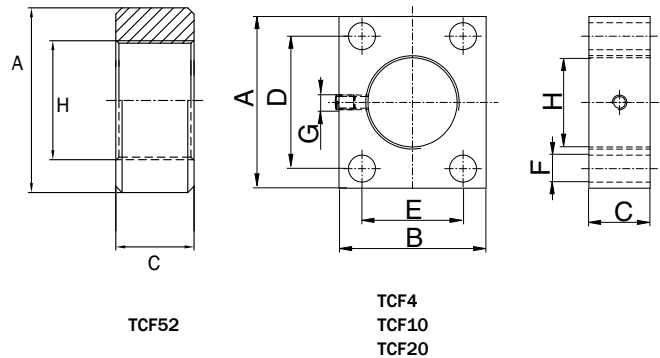
TCF - CYLINDER FIXING

For CF & CFC - cylinders

- Permitting a CF/CFC to be mounted on a machine part by screw holes.
- TCF52 is supplied without fastening holes and used for welding.
- Fits CF/CFC cylinders from 49 kN - 232 kN



Name	TCF52	TCF4	TCF10	TCF20
For cylinders	49 kN/5 t	49 kN/5 t	111 kN/10 t	232 kN/25 t
A mm	∅ 59	70	90	140
B mm	-	60	80	120
C mm	25	25	25	25
D mm	-	54	67,5	106
E mm	-	41,2	57,5	86
F ∅ mm	-	11	13	17
G	-	M6	M6	M6
H	1 1/2" - 16UN	1 1/2"-16UN	2 1/4"-14UN	3 5/16"-12UN



BENCH PRESSES

For CFC - cylinders

Bench presses are easy to place and only require a limited space. They are suitable for light work operations such as pressing bearings or bushings.

Complete bench presses are available in two versions. A (ZHB10) with REHOBOT air hydraulic pump PP70-1000 and the second version (ZMB6) utilized with REHOBOT hydraulic hand pump PHS70-1000.

Name	Capacity kN	Stroke mm	Weight kg
ZHB10	111	305	47.5
ZMB6	111	305	47.5

Included parts	ZHB10	ZMB6
Pump	PHS70-1000	PP70-1000 *)
Cylinder	CFC1012	CFC1012
Quick coupling	AQI7	AQI7
Hose	LS151ES	LS251ES
Gauge adaptor	AVM202	AVM202
Pressure gauge	AMP651	AMP651
Frame	ZB110	ZB110
V-block	TBV10 (2 st)	TBV10 (2 st)

*) Required air pressure 6-12 bar.

Name Accessories	Description
ZB110	Press stand
TBV10	V-block



ACCESSORIES FOR CHF & CHFA - SERIES TH - SADDLES

For CHF & CHFA - cylinders

Accessory saddles for hollow cylinders type CHF and CHFA, 6 to 100 tonnes.

For pressing or lifting applications it is recommended to use the grooved solid saddles (THR). We also offer two more types; with inner metric (THM) and UN (THU) threads. The saddles THH are supplied as standard on all CHFA cylinders.



Name	For cylinder	Inner dimension
THH6	CH/CHF62	ø17mm - standard
THM6	CH/CHF62	M16
THU6	CH/CHF62	5/8"-11 UNC
THR6	CH/CHF62	Solid with grooves
THH13	CHFA132/136	Ø22 mm - standard
THM13	CHFA132/136	M20
THU13	CHFA132/136	3/4"-10 UNC
THR13	CHFA132/136	Solid with grooves
THH18	CHFA182/184	Ø26 mm - standard
THM18	CHFA182/184	M24
THU18	CHFA182/184	1"-8 UNC
THR18	CHFA182/184	Solid with grooves
THH26	CHFA262/266	Ø32 mm - standard
THM26	CHFA262/266	M30

Name	For cylinder	Inner dimension
THU26	CHFA262/266	1 1/4"-7 UNC
THR26	CHFA262/266	Solid with grooves
THH37	CHFA372/374	Ø39 mm - standard
THM37	CHFA372/374	M36
THU37	CHFA372/374	1 3/8"-6 UNC
THR37	CHFA372/374	Solid with grooves
THH67	CHFA673/676	Ø54 - standard
THM67	CHFA673/676	M52
THU67	CHFA673/676	2"-4 UNC
THR67	CHFA673/676	Solid with grooves
THH100	CHFA1003/1006	Ø66 - standard
THM100	CHFA1003/1006	M64
THU100	CHFA1003/1006	2 1/2"-4 UNC
THR100	CHFA1003/1006	Solid with grooves

TS - CYLINDER SUPPORT PLATE

For CHFA - cylinders

Cylinder support plates suitable for CHFA single acting aluminium hollow cylinders are made of steel and are used for protecting the cylinder base against damages. TS cylinder support plates should always be used when the cylinder base is placed against hard material. A support plate is a simple and cost effective way to protect your cylinder.







Name	For cylinder kN	Weight kg
TS13	CHFA132/136	0,1
TS18	CHFA182/184	0,2
TS26	CHFA262/266	0,5

Name	For cylinder kN	Weight kg
TS37	CHFA372/376	0,7
TS67	CHFA673/676	1,5
TS100	CHFA1003/1006	2,8






ACCESSORIES FOR CPF - SERIES

For cylinder CPF705 (49 kN)

	Name	Description	Connection
	TB441	Pull shackle	Int. NPT 3/4-14
	TBK410	Shackle with bolt	-
	TMT422	Coupling nipple	Ext. 2x NPT 3/4-14
	TMT423	Coupling nipple	Int. NPT 3/4-14 Ext. NPT 1 1/4-11 1/2



For cylinder CPF709 (111 kN)

	Name	Description	Connections
	TB141	Pull shackle	Int. NPT 1 1/4-11 1/2
	TBK110	Shackle with bolt	-
	TK107	Chain with hook (2000 mm)	-
	TMK127	Chain attachment	Int. NPT 1 1/4-11 1/2
	TMT122	Coupling nipple	Ext. 2x NPT 1 1/4-11 1/2



HYDRAULIC SPREADER

ESH, CS & HS - SERIES

Hydraulic spreaders can be used to pry apart, press, widen or lift where space is limited or the opening is narrow. The tool can be used within many different areas such as mechanical workshops and building industry for maintenance and repair, civil and military rescue services etc.

- Lifting machines or other heavy constructions.
- Prying loose stuck objects.
- Open closed doors.
- Fasten objects.
- Press profiles apart.

We recommend usage of pump model PP70-1000/LS201 or hand pump PHS70-1000/LS201 together with spreaders in the ESH & CS - series.



CS20-120

HS20-120

Name	Part number	Spreader force kN (tip)	Working pressure MPa	Max. opening mm	Min height mm	Width mm	Weight kg
ESH 10	14507	9	70	85	8	46	1.8
CS20-120	38362900	44 (20)	80	120	9	65	5.4
HS20-120	38911900	44 (20)	Integrated pump	120	9	68	8.8

HYDRAULIC PULLERS

AH - HYDRAULIC 3-ARM PULLERS

REHOBOT hydraulic pullers are designed for tough industrial applications and are available in sizes from 5 ton to 44 ton. The rugged design will make this a work-horse for many years to come.

- Rugged industrial design.
- Safe and stable pull operations as piston is non rotating
- Self straining.

The benefits of a hydraulic puller, compared with a mechanical one, are many; key being non rotating piston / press head. This allows the user to carry out the pull safely without the risk of slipping.

The smaller sizes, 5 ton and 10 ton, are equipped with special mechanics which self centers the arms. The arms will therefore always adapt to the diameter of the object and have the best possible grip and handling. All REHOBOT pullers are furthermore self straining and have an extra long stroke. The pull depth can easily be adjusted by moving the arm attachments.

The pullers can be used with 2 or 3 arms (not the AH450 - only 3 arms). Different lengths of arm are available as accessories.

Choose a suitable pump kit - many REHOBOT pumps fit our pullers but we recommend either our PHS70-1000/LS201 kit or rather the air driven foot pump type PP70B-1000/LS201. Both types are equipped with a 2 m hose, a swivel and a REHOBOT AQI7 quick coupling.



Name	Part number	Working pressure MPa	Capacity kN (t)	Max. opening mm	Stroke volume cm ³	Weight kg
AH50	37143	70	49(5)	250	165	6.4
AH110	37151	70	111/11	400	485	15.1
AH200	37159	70	200(20)	500	1032	23.7
AH450	37163	70	450(46)	700	1272	76.1

AHV50-110 - PULLER BUGGY

Hydraulic pullers are heavy tools. Especially when you need the tool on a day-by-day basis. This is where the puller buggy comes in very handy. The hydraulic pullers and the accessories stay in one single place, easy accessible when you need them. The puller buggy is equipped with 4 swiveling wheels, two of them lockable.

The puller buggy is delivered as standard with the following items:

- TV50-110 - Buggy with winch
- AH50 - 5 T Puller
- AH110 - 10 T Puller
- EAT50-110 - Push mandrel kit
- PP70-1000/LS251ES - Pump with hose and couplings
- AMK802 - Gauge kit
- 110-390 - Puller arms
- 110-490 - Puller arms
- 20-20 - Safety chain



Two additional accessory kits are available:

- PK50 - Pin- knife puller kit 5 T (Part no. 37146)
- PK110 - Pin- knife puller kit 10 T (Part no. 37154)

Name	Part number	Working pressure MPa	Capacity kN	Length mm	Width mm	Height mm	Weight kg
AHV50-110	47949	70	49-110	800	800	1650	93



WORKSHOP EQUIPMENT – QUALITY FOR GENERATIONS!

REHOBOT's workshop equipment is user friendly and designed to cope with harsh in situ service conditions. The areas of use of the products are wide and may often be found in conjunction with service & maintenance on all kind of vehicles.

REHOBOT's lifting equipment is used worldwide and in all possible applications. Some examples are in the service of heavy and light vehicles, special lifts for trucks or for changing crawler on an excavator.

We are happy to tailor our products to our customers' needs. Something that always ensure a flexible and cost effective solution to our customers' lifting problems.

Our designs are based on our long experience in the field of hydraulics. The results are products which are easy to repair & service - saving time & money! The useable life of REHOBOT's products is always long. Our products provide power that will last for generations!

Trolley jacks - The product range includes traditional jacks with lifting capacities up to 2 tons. They are robustly constructed and easy to service. Our trolley jacks are

often used in connection with engineering works and REHOBOT's jacks are associated with a high level of safety.

Bottle jacks - With up to 20 tonnes lifting capacity can the bottle jacks in REHOBOT's range be used in automotive or related applications. The jacks are compact designed and suitable for storage in confined spaces.

Special Lifting - The product range includes devices for specific lifting applications. High stroke lengths, heavy loads or low and limited lifting points are some special cases that REHOBOT's lifting devices can be adapted to. The catalog shows some of the variants that evolved during our 80-year long history of the company.

Please contact us for further information or to discuss developing a special jack for your application.

REHOBOT'S PRODUCTS ARE

- High performance
- High quality & Service friendly
- Functional & Safe designed
- Ergonomical & Easy to use

SPECIAL EQUIPMENTS

- Transmission jacks for gears or engines
- Hydraulic ball joint extractors & spring compressors
- Special push & pull kits for bushing works

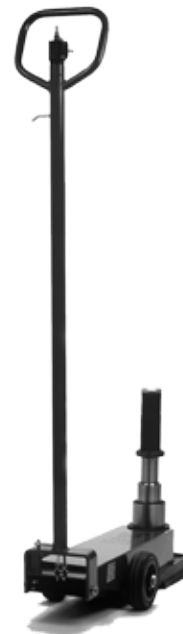
GTP - AIR/HYDRAULIC TELESCOPIC JACK

- 3-stage jack with 60 tons lifting capacity.
- Easy to manoeuvre with large rubber wheels.
- 617 mm maximal lifting height by a telescopic piston function.
- Extended handle length for good accessibility.

Capacity limitations: 1 - stage = 60 ton, 2 - stage = 30 ton, 3 - stage = 18 ton

A 200mm long extension rod are delivered with each GTP60 - unit. The rod is used to extend the lifting height of the GTP-60 product.

Note: GTP60 requires between 8 bar and 12 bar air pressure to function properly.



Name	Part number	Capacity ton	Min. height mm	Max. height mm	Extension mm	Hydraulic stroke mm	Req. air pressure MPa (bar)	Weight kg
GTP60	43450	60	180	617	200	237	0.8 (8)	70

16HN - HIGH PROFILE JACK

- Various usage for lifting, pressing or pushing applications.
- 1 ton lift capacity on the lifting ram and on top of the oil reservoir.
- 16HN can be equipped with accessories such as chains, hooks or S-rods.

The position of the lifting rod can be adjusted:
Min. lifting height = 105 mm, Max. lifting height = 495 mm (plus stroke length)

Name	Part number	Capacity ton	Min. height mm	Max. height mm	Stroke length mm	Weight kg
16HN	49085	1	720	1160	440	5.8



GHP2-2 - AIR POWERED HIGH LIFTING TROLLEY JACK

- High-lifting, enable good accessibility
- Protector, for safe and secure lifting.
- Air- or manually operated.

REHOBOT's trolley jacks are developed for professional use by professionals. Especially for users who value product quality and a low total cost of ownership of the jack. The GHP2-2 jack can quickly be put into operation as it comes with a manual foot lever to raise the jack into contact with the vehicle.

The release function is easily done by the release valve securely located inside the handle.



Name	Part number	Capacity ton	Min. height mm	Max. height mm	Length mm	Weight kg
GHP2-2	37589	2	127	910	1510	74

BOTTLE JACKS

H - BOTTLE JACKS

- Low manual pumping force facilitates use in uncomfortable positions.
- Release valve permits safe, easy and precise control over speed of lowering.
- Filter in the oil reservoir protects against contamination.
- Extension screw for adjustment of lifting height.



Name	Part number	Capacity ton	Min. height mm	Max. height mm	Stroke length mm	Set screw mm	Weight kg
H20	43503	2	165	317	102	50	2.8
H40	43504	4	180	366	116	70	4
H60	43505	6	195	392	127	70	5
H80	43506	8	200	400	130	70	6.2
H100	43507	10	220	430	140	70	7.3
H120	43508	12	220	440	140	80	8.5
H150	43509	15	225	435	130	80	9.6
H200	43510	20	240	465	145	80	13.6

AXLE STANDS

PB - MECHANICAL AXLE STANDS

- Step-less adjustment of lifting height.
- Tripoid designed structure guarantee stability & safety.
- Always delivered in pairs.

PB axle stands are rugged & stable axle stands in a new design creating a safe working environment. Using axel stands is very cost effective way to protect yourself & the lifted object. Securing the load by the use of axel stands are always recommend when working under any type of vehicle.

PB axle stands from REHOBOT comply with the high requirements of the National Swedish Board of Occupational Safety and Health.



Name	Part number	Capacity ton	Min. height mm	Max. height mm	Weight kg
PB3-1	46346	3	324	519	5.9
PB6-1	46347	6	374	605	8.8

SPECIAL JACKS

FLJ400 - HYDRAULIC TRUCK- & MACHINE JACK

- High lifting capacity and low minimum height.
- Adjustable lifting saddle for flat or uneven surfaces.
- Low weight, easy to transport.
- Release knob with hold-to-run control.



Name	Part number	Capacity ton	Min. height mm	Max. height mm	Width mm	Weight kg
FLJ400C	47059	3.6	60	400	200	31

MM2000 - HYDRAULIC TRANSMISSION JACK

- Jig for securing load quickly and easily. Can easily be removed if required.
- Fast & versatile lifting plate can be adjusted forwards/backwards and sideways for precise positioning during fitting and removal.
- Capable of handling most types of gearboxes.



Name	Part number	Capacity ton	Min. height mm	Max. height mm	Length mm	Width mm	Weight kg
MM2000	37601	1	210	880	1120	710	95



HTJ1200 - UNIVERSAL LIFTING SYSTEM

The modular construction methods now used in the automotive industry are placing new demands on workshop equipment. Vehicle parts such as motor blocks or rear axles have to be dismantled and mounted from below. With the HTJ1200 system, these heavy lifts can be done in a effective and controlled way.

The system is suitable for removing and fitting complete engine assemblies, rear axles, gearboxes, fuel tanks, exhaust systems and much more. With its lifting capacity of almost 550 kg, the HTJ1200 universal handling system comes with enough power for all kinds of jobs



- Saving time & cost

Work can be carried out by one person instead of several. Furthermore, additional repair jobs can be carried out directly on the working platform. Therefore, the system reduces the total working time for complete repairs.

Lifting is done pneumatically and hydraulically. With pneumatics the load can be raised or lowered quickly. The hydraulic lifting gives the operator higher control and precision of the lifting procedure.

REHOBOT's universal handling system is patented. The system is designed to meet today's and tomorrow's needs. Modification meeting the requirements of your car model may be supplied upon request.



Technical data

Name	HTJ1200-2 Universal
Part number	43447
Capacity	545 kg
Height min./max.	755 mm/1700 mm
Pneumatic stroke	472 mm
Hydraulic stroke	473 mm
Req. air pressure	0.8 MPa (8 bar)
Length	1050 mm
Width	1050 mm
Weight	76 kg

Please contact REHOBOT to obtain item number in conjunction with your order of the HTJ-1200 system. We offer a wide selection of interface mechanics and kits adopting the HTJ to your type of vehicle model.



SECRETS OF THE HTJ - SYSTEM

The reason why the HTJ1200-system is so useful is due to the modular & robust design of the system.

Adaptors enable the same base unit of the HTJ to be used for each car model. Therefore the same base unit may be used independent of the car model and manufacturer. Thus creating a real generic lifting system!

AUTOMOTIVE KITS

EBH - SPRING EYE BUSH REPLACEMENT KIT

- Safe, simple and speedy hands free process.
- Up to 50-60% time & labour cost saving.
- The lightweight & compact design allows work to be carried out on the vehicle where access is restricted.
- Little or no manual effort required.
- All work can be carried out in situ on the vehicle.
- At a total weight of 8 kg fully assembled falls well within EU manual handling of loads regulations.
- Can be easily and cheaply upgraded should new vehicles be introduced on to the market at a future date.



Name	Part no	Pressure MPa	Capacity kN (t)	Cylinder	Pull rod	Adapter	Sleeve	Push Washer	Weight kg
EBH6	44592	70	62 (6)	CHF62	M12 x 500 M16 x 500	AD6-18	TA49 TA73	BR35/25-16 BR45/35-24 BR65/45-30	8.6
EBH13	44594	70	132 (13)	CHFA132	M16 x 500	AD6-18	TA49 TA73	BR45/35-24 BR65/45-30	11
EBH18	44598	70	182 (18)	CHFA182	M24 x 500	AD6-18	TA49 TA73	BR45/35-24 BR65/45-30	13
EBH18 Extended	49220	70	182 (18)	CHFA182	M16 x 500 M20 x 500 M24 x 500	AD6-18	TA49 TA73	BR35-16 BR45-16 BR55-20 BR65-20 BR72-24 BR90/80-45	13
EBH26	46957	70	262 (26)	CHFA262	M30 x 500	AD26-37	TA73 TA95	BR65/45-30 BR90/65-36	15.1
EBH37	46959	70	372 (37)	CHFA372	M36 x 500	AD26-37	TA73 TA95	BR90/65-36 BR110/90-36	22.5

Adapter: Used to support the sleeve against the cylinder. **Sleeve:** Used to "extend" the stroke length of the cylinder. TAxx, where xx is the inner diameter in mm.
Push washer: Used to push/pull the bushing. BRxx/XX-yy, where xx is outer diameter, XX is the diameter of the edge & yy is the inner diameter measured in mm.

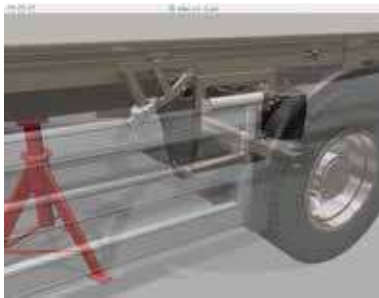


Removing the old bush and inserting a new on a DAF CF85 truck by the use of a EBH18 - kit simply the work. The operation can be performed in a safe and rapid manner.

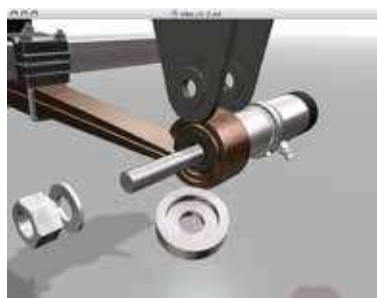
REHOBOT's EBH18 hydraulic spring eye bush replacement tools have been developed in conjunction with commercial vehicle manufacturers and vehicle workshop personnel to provide a lightweight, in situ time & labour saving solution for all makes & models of commercial vehicles.

Using REHOBOT's 18 ton capacity lightweight aluminium hollow bore cylinder and the comprehensive set of accessories contained within the kits the equipment can be easily used on any vehicle.

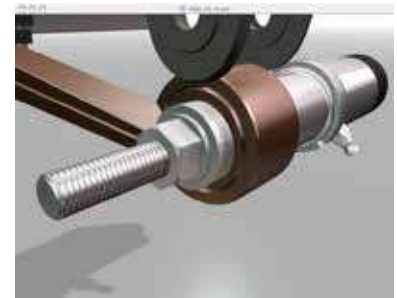
Sequence of operation using the EBH - kit



Step 1



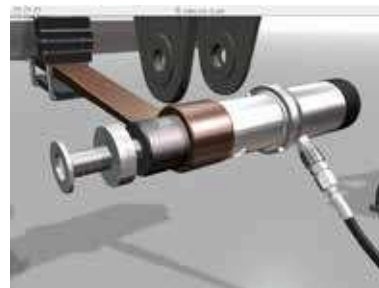
Step 2



Step 3



Step 4



Step 5

PUMP ALTERNATIVES TO OPERATE ALL AUTOMOTIVE TOOLS & KITS

Each AUTOMOTIVE kit requires a suitable hydraulic pump unit. This is mandatory for all other hydraulic tools from REHOBOT. The kits may preferably be operated by either the PP70B-1000 pneumatic operated foot pump or the PHS70-1000 hydraulic hand pump.



More comfort – PP70B-1000



More portable – PHS70-1000

ETC37 & ETC50 PIN & BUSH REPLACEMENT TOOL KITS

REHOBOT'S ETC37 and ETC50 hydraulic pin & bush extraction tool kits have been developed in conjunction with the major manufacturers of heavy plant and special purpose machines for the construction industry to provide a lightweight, in situ, time and labour saving solution for the demanding service requirements on these machines.

- Safe, simple, hands free operation
- Up to 60% time and labour saving
- Can be adapted to suit all makes of construction plant and heavy equipment
- Flexible and adaptable system
- Improved health and safety over traditional methods
- Breakout & extension sleeves common to 37 & 50 ton kits
- Can be used across most pin & bush applications in use in the industry
- All work carried out in situ on the vehicle
- Suitable for on site and workshop repairs



Using REHOBOT'S 37 and 50 ton lightweight aluminium hollow bore 37 ton and 50 ton cylinders together with the unique stacking sleeve system and comprehensive sets of accessories incorporated in these tool kits the equipment can be easily used on any make of machine.

Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Cylinder type	Weight kg
ETC37	48072	70	358 (36)	51	CHFA372	24.3
ETC50	48073	70	508 (52)	104	CHFA504	46.6



The 50 ton kit in use on a Volvo L150.

INCLUDED PARTS IN THE ETC - KITS

Name	ETC37	ETC50	Description	Data
CHFA372	Yes	-	Cylinder	37 ton
CHFA504	-	Yes	Cylinder	52 ton
TR36-1000	Yes	-	Pull rod	M36 x 1000 mm
TR48-1000	-	Yes	Pull rod	M48 x 1000 mm
TAS95	Yes	Yes	Sleeve	ø95 mm
TC115	Yes x 2	Yes x 2	C-sleeve	ø115 mm, l = 135 mm
TC175	-	Yes x 2	C-sleeve	ø175 mm, l = 135 mm
TP115	Yes	Yes	Adapter	För TC115
TP175	-	Yes	Adapter	För TC175
TAD24-36	Yes	-	Thread adpt.	M24 (ext) -> M36 (int)
TAD30-36	Yes	-	Thread adpt.	M30 (ext) -> M36 (int)
TAD30-48	-	Yes	Thread adpt.	M30 (ext) -> M48 (int)

BEU110 – THE IN SITU BALL JOINT EXTRACTOR KIT

REHOBOT's unique BEU110 10 ton multi headed ball joint extractor is a superb complimentary tool to the spring eye bushing kits. This tool has again been developed in conjunction with leading commercial vehicle manufacturers and workshop personnel to ensure that it covers virtually all the ball joints currently in use on vehicles on the present market.

The BEU110's compact size and design allows it to access the majority of ball joints on vehicles such as: DAF, MAN, Mercedes, Scania, Volvo, Iveco & Hino.

Also, the 10 ton load capacity ensures quick separation of the joint.

Accessories

TD40	40 mm "horse shoe"
TD50	50 mm "horse shoe"
TD75	75 mm "horse shoe"
BE110 & adapter kit ADK	Dedicated add on kit for Mercedes Benz Sprinter



Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Stroke volume cm ³	Weight kg
BEU110	47570	70	110(11)	54	86	3.8

SECRETS OF THE BEU - SYSTEM

- Interchangeable horse shoe heads 40 & 50mm included.
- Safe hands free operation.
- Full 10 ton breakout force.
- Covers most ball joints currently on the market.
- Adapters available to allow in situ replacement of ball joints.
- Cost effective & labour saving.
- Future proof due to modular design.



BEU110 c/w 50mm horseshoe on a Scania Truck

PUSH & PULL KITS

EB/ES/EU - HYDRAULIC PUSH & PULL KITS

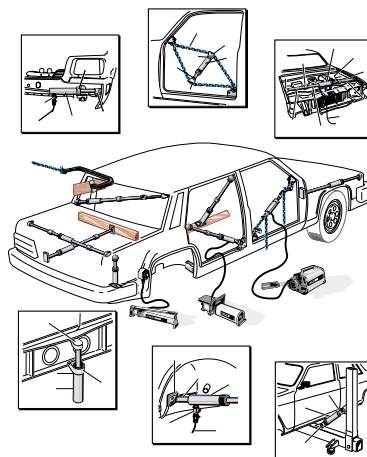
- A multi functional robust tool box for all maintenance jobs.
- 5, 11 or 23 ton capacity.
- Flexible tool kit for push or pull applications.
- Interconnects with many other REHOBOT accessories.
- Strong storage case.



Note: Content may differ dependent on kit-type.

Name	Part number	Pressure MPa	Capacity kN (t)	Weight kg
EB50	49508	70	49 (5)	14
ES50	49509	70	49 (5)	18
EU50	49510	70	49 (5)	25
EB110	49511	70	111 (11)	21
ES110	49512	70	111 (11)	27
EU110	49513	70	111 (11)	42
ES230	49514	70	232 (23)	44

Depending on what the push-pull kit is used for, you can choose between three different kits: basic, standard and universal. Each kit contains several different accessories for the ram, which makes the kit ready to be used in different applications and for various purposes. All kits come with a push ram. If the job is carried out on different locations, we recommend a hydraulic hand pump in the PHS-series. An air/hydraulic pump PP70-series is the better choice when you have access to compressed air. This pump is also more comfortable and faster to work with.



Basic kit (EB-kit)

The basic kit contains a push ram with various capacity dependent on the size of the kit. Furthermore the kit comes with and several accessories such as extension tubes and pressure heads.

Standard kit (ES-kit)

















The standard kit contains the same pieces as the basic kit. Additionally it comes with a spreader and more accessories for the ram. The accessories make the ram more flexible.

Universal kit (EU-kit)

The universal kits contain all the parts from the standard and basic kits. Furthermore, it comes with a pull ram, a pull chain and some accessories for the pull ram.

Please refer to the chart on the next page for information about the contents of the kits.

Ex50 (5 ton KIT) - TABLE OF CONTENTS

	Name	Description	EB50 kit	ES50 kit	EU50 kit
	CF104	Push cylinder 49 kN, 127 mm stroke	●	●	●
	TD419	Clamp head for piston, 20 kN, tap ø19 mm	●	●	●
	TD420	Clamp head for cylinder, 20 kN, UN 1 1/2-16	●	●	●
	TFP401	Extension tube, l = 76 mm			●
	TFP402	Extension tube, l = 127 mm	●	●	●
	TFP403	Extension tube, l = 254 mm	●	●	●
	TFP404	Extension tube, l = 381 mm	●	●	●
	THK412	Pressure head, pointed, tap ø19 mm	●	●	●
	THV411	Pressure head, V-notched, tap ø19 mm	●	●	●
	TL125	Metal case 677x300x165 mm	●	●	●
	ESH10	Spreader, 9 kN, max opening 90 mm		●	●
	THG413	Pressure head, rubber ball 3", tap ø19 mm		●	●
	TMC421	Coupling tap, ø19 mm		●	●
	TS430	Base plate, hole ø19 mm		●	●
	CPF705	Pull cylinder, 40 kN, 125 mm stroke			●
	TB441	Pull schakle for CPF705			●
	TK107	Chain with hook, L = 2000 mm			●
	TMK127	Chain attachment for CPF705 & 709			●
	TMT423	Int. NPT 3/4-14, Ext. NPT 1 1/4-11 1/2			●
	TMT422	Coupling nipple, 2 x NPT 3/4-14			●



PUMP ALTERNATIVES TO OPERATE PUSH & PULL KITS

Each PUSH & PULL kit requires a suitable hydraulic pump unit. This is mandatory for all hydraulic tools from REHOBOT. The kits may preferably be operated by either the PP70B-1000 pneumatic operated foot pump or the PHS70-1000 hydraulic hand pump.










More comfort –
PP70B-1000/LS201



More portable – PHS70-1000










PUSH & PULL KITS

Ex110 (11 ton KIT) - TABLE OF CONTENTS

	Name	Description	EB110 kit	ES110 kit	EU110 kit
	CF110	Push cylinder 111 kN, 150 mm stroke	•	•	•
	TD119	Clamp head for piston, 50 kN, NPT 1 1/4 - 11 1/2	•	•	•
	TD120	Clamp head for cylinder, 50 kN, UN 2 1/4 - 14	•	•	•
	TFP101	Extension tube, l = 76 mm			•
	TFP102	Extension tube, l = 127 mm	•	•	•
	TFP103	Extension tube, l = 254 mm	•	•	•
	TFP104	Extension tube, l = 381 mm	•	•	•
	THK112	Pressure head, pointed, NPT1 1/4 - 11 1/2	•	•	•
	THT115	Pressure head, threaded NPT 1 1/4 - 11 1/2	•	•	•
	THV111	Pressure head, V-notched, NPT 1 1/4 - 11 1/2	•	•	•
	TMT124	Coupling nipple, int. thread NPT1 1/4 - 11 1/2	•	• (x2)	• (x2)
	TL125	Metal case 677x300x165 mm	•	•	•
	ESH10	Spreader, 9 kN, max opening 85 mm		•	•
	THG113	Pressure head, rubber ball 3", NPT 1 1/4 - 11 1/2		•	•
	TMC121	Coupling tap, ø32 mm		•	•
	TMT122	Coupling nipple, 2 x NPT 1 1/4 - 11 1/2		•	•
	TS130	Base plate, NPT 1 1/4 - 11 1/2		•	•
	CPF709	Pull cylinder, 110 kN, 127 mm stroke			•
	TB141	Pull schakle for CPF709			•
	TK107	Chain with hook, L = 2000 mm			•
	TMK127	Chain attachment for CPF709			•



ES230 KIT - TABLE OF CONTENTS

	Name	Description	ES230 kit
	CF120	Push cylinder 232 kN, 127 mm stroke	●
	TFP203	Extension tube, l = 254 mm	●
	TFP204	Extension tube, l = 508 mm	●
	TFP205	Extension tube, l = 762 mm	●
	THK212	Pressure head, pointed, NPT 2 - 11 1/2	●
	THT215	Pressure head, threaded NPT 2 - 11 1/2	●
	THV211	Pressure head, V-notched, NPT 2 - 11 1/2	●
	TL225	Metal case 772x285x180 mm	●
	TMT224	Coupling nipple, int. thread NPT 2 - 11 1/2	●
	TMT222	Coupling nipple, 2 x NPT 2 - 11 1/2	●
	TS218	Base plate, NPT 2 - 11 1/2	●



PUMP ALTERNATIVES TO OPERATE PUSH & PULL KITS

Each PUSH & PULL kit requires a suitable hydraulic pump unit. This is mandatory for all other hydraulic tools from REHOBOT. The kits may preferably be operated by either the PP70B-1000 pneumatic operated foot pump or the PHS70-1000 hydraulic hand pump.

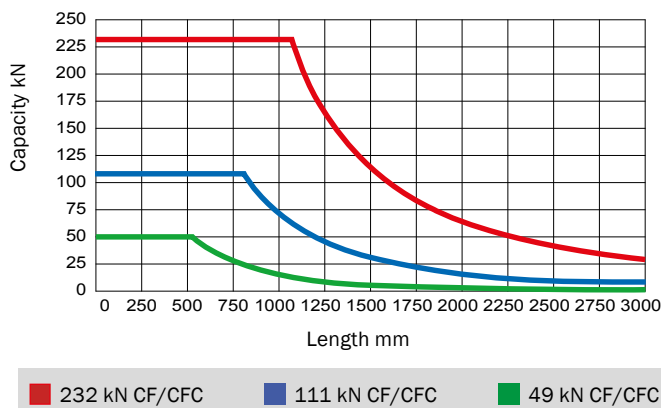


More comfort –
PP70B-1000/LS201



More portable – PHS70-1000

PERMISSIBLE EXTENSION FOR CF- & CFC - CYLINDERS



KPP23 – 23 TON HYDRAULIC KING PIN PRESS

One notoriously tricky task carried out by workshop staff is the removal of a seized king pin – a vital steering system component connected to the stub axle.

User friendly - Traditional solutions to the problem are far from ideal. One method employs an acetylene torch to heat up the axle, expanding it slightly so that the king pin can be forced out with a heavy, blunt instrument such as a sledge hammer. REHOBOT's 23 ton King Pin Press is a far more simpler, hydraulic solution to the problem.

Robust design - With a spread of 165mm and reach of 457mm, and its 23 ton capacity allows it to remove around 80% of all commercial vehicle king pins & stub axles on the market. It comes complete with a set of 4 pusher pin in various diameters and lengths.



More comfort – PP70-1000



More portable – PHS70-1000

Name	Part number	Pressure MPa	Capacity kN (t)	Frame width mm	Frame length mm	Pusher pin diameter mm	Weight kg
KPP20	50218	70	230 (23)	165	457	18, 20, 25, 35	39



Assemble the KPP20, push the hydraulic pump – the pin pops out. Job done!



Replacing a seized king pin can be a time consuming process. Using the KPP20 means keeping trouble and labour time for this kind of job to a minimum.

SC23 – SPRING COMPRESSOR

The hydraulic spring compressor from REHOBOT is a universal and very powerful tool. The spring compressor uses exchangeable jaws (ordered as accessories) in order to suit any car model.

Universal - The hydraulic spring compressor uses common jaws which in many cases are already part of the workshop equipment. Jaws are available for many different car models.

Safe - Mechanical tools with worn-out and heavy loaded parts mean a higher risk for personal injury. The hydraulic spring compressor has minimal wear and is therefore much safer than comparable mechanical tools.

Easy to operate - The hydraulic spring compressor is equipped with a quick-coupling which makes it easy to connect the tool to a foot-operated air/hydraulic pump. Thanks to the pump, the operator has both hands free for controlling the tool. Further more, the spring compressor is provided with a flexible holding block, which allows the tool to be placed in a suitable angle on a work bench.



Accessory jaws

Name (Pair)	Spring size ø (mm)
KL-1500SP	70 - 100
KL-1510SP	80 - 165
KL-1520SP	155 - 195

Name	Part number	Pressure MPa	Max. load kN (t)	Min. length mm	Max. length mm	Compression length mm	Weight kg
SC23	45195	70	23 (2.3)	73	483	250	7.8

SPECIAL JACKS HYDRAMITE & HYDRACLAW



Hydraclaw has the following features:

- Powerful - 5 tonne capacity on head or toe
- High lift - 178mm
- Fast Operation - 5.5mm lift per stroke
- Stable - substantial base offers stability under load
- Versatile - horizontal or vertical operation
- Safe - positive stop feature prevents over-stroking, pressure relief valve prevents overloading
- Ease of Operation - lifting/lowering controlled smoothly by operating lever, acceptable lever effort
- Low Clearance - 41mm
- Reliable - jack hydraulics are totally enclosed
- Robust Construction - can withstand rough treatment, ferrous construction has led to its extensive use underground

Hydramite has the following features:

- Powerful – 6.5, 10 and 15 tonne capacity
- Servicing and repairs easily undertaken
- Versatile – operates in any orientation
- Easy to Operate
- Proven – thousands in use worldwide
- Safe - relief valve prevents overloading
- Construction – all parts enclosed, ideal for dusty conditions
- Compact and Lightweight

Name	Part number	Capacity ton	Min. height mm	Max. height mm	Stroke length mm	Weight kg
Hydraclaw	33702	5	41	505	178	17
Hydramite	44077	6.5	132	208	76	3.6

REHOBOT®

MADE IN SWEDEN

POWER WITH HYDRAULICS

RESCUE EQUIPMENT

PRODUCT OVERVIEW



SAFETY

CUTTERS, SPREADERS, RESCUE PUMPS,
PIPE SEALING TOOLS, DOOR OPENERS,
RESCUE KITS, MANUAL TOOLS, RAMS



REHOBOT HYDRAULICS AB

Since 1924 we have developed, manufactured and marketed high-pressure hydraulic solutions for service & maintenance purposes. The products can be found within the areas covered by our three business areas, Industrial, Automotive and Rescue.

Our headquarter is situated in Eskilstuna, Sweden. Today REHOBOT deliver high-pressure hydraulics worldwide. Success for us involve exceeding limitations and to develop smart solutions for our customers' power problems.

REHOBOT HYDRAULICS stands for Quality, Reliability & Service. Our products are marketed by ourselves but also through dealers. We have subsidiaries in the U.S., England and China. In addition to these, we work with partners in more than 70 countries which always ensure that our customers receive the best possible service, wherever they are!

"HYDRAULICS WITH BUILT-IN NATURAL FORCES USED IN A VAST NUMBER OF APPLICATIONS"

REHOBOT®

MADE IN SWEDEN

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