



# ENAPART



93 S Railroad Avenue Unit C  
Bergenfield NJ 07621 USA  
[www.enapart.com](http://www.enapart.com)  
[sales@enapart.com](mailto:sales@enapart.com)



Via del Canneto 35,  
Borgosatollo, Brescia - Italia  
[www.enapart.it](http://www.enapart.it)  
[vendite@enapart.it](mailto:vendite@enapart.it)



Barbaros Mah. Ihlamur Bul. Ağaoğlu  
My Newwork No:3/15 Ataşehir / İstanbul  
[www.enapart.net](http://www.enapart.net)  
[satis@enapart.net](mailto:satis@enapart.net)



PRIVADA 10 B SUR #3908 COL.  
ANZUREZ, C.P. 72530, PUEBLA, PUE  
[www.enapart.com.mx](http://www.enapart.com.mx)  
[sales@enapart.com.mx](mailto:sales@enapart.com.mx)



Friedrich-Ebert-Anlage 36, 60325  
Frankfurt am Main, Germany  
[www.enapart.de](http://www.enapart.de)  
[anfrage@enapart.de](mailto:anfrage@enapart.de)



4 boulevard Carnot, 95400  
villiers-le-bel, Paris, France  
[www.enapart.fr](http://www.enapart.fr)  
[sales@enapart.fr](mailto:sales@enapart.fr)



65049, ОДЕСА, ВУЛИЦЯ ІВАНА  
ФРАНКА, БУДИНОК 55, ПОВЕРХ 3  
[www.enapart.com.ua](http://www.enapart.com.ua)  
[sales@enapart.com.ua](mailto:sales@enapart.com.ua)



MUNICIPIUL BUCUREȘTI, SECTOR 3,  
B-DUL BASARABIA, NR.250, CORP P+5  
[www.enapart.ro](http://www.enapart.ro)  
[sales@enapart.ro](mailto:sales@enapart.ro)



〒584-0023 大阪府富田林市若松町  
東2丁目2番16号  
[www.enapart.co.jp](http://www.enapart.co.jp)  
[sales@enapart.co.jp](mailto:sales@enapart.co.jp)



PLAZA NUESTRA SEÑORA DE LAS  
NIEVES 12 ,LOCAL ,50012,ZARAGOZA  
[www.enapart.es](http://www.enapart.es)  
[ventas@enapart.es](mailto:ventas@enapart.es)



Складова база „Онгъл“, Склад А2, п.к.  
4006, гр. Пловдив, България  
[www.enapart.bg](http://www.enapart.bg)  
[sales@enapart.bg](mailto:sales@enapart.bg)



3 Austin Mews, High Street, Hemel  
Hempstead, HP1 3AF , United Kingdom  
[www.enapart.co.uk](http://www.enapart.co.uk)  
[sales@enapart.co.uk](mailto:sales@enapart.co.uk)

























## CFC - COMPACT SINGLE ACTING, PUSH CYLINDERS WITH SPRING RETURN

CFC cylinders are real all-round cylinders. The design allows small dimensions and built in measurements. The cylinders are fitted with scrapers to keep the piston clean from dirt, always ensuring proper function in harsh environments.

- Wiper polyurethane, positioned so that dirt can not penetrate between the piston rod and cylinder
- Corrosion protection - plated piston rod and electroplated cylinder
- Collar mounting threads as standard.
- Optional base mounting holes at the bottom of the cylinder.



CFC cylinders are available in capacities between 5 to 100 tons. Models with 5 t, 10 t, 15 t and 25 tons capacity can be fitted with adapters for mounting of accessories such as pressure heads or chains, extending the use of the cylinder.

Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Stroke volume cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CFC51	40184	70	49 (5)	27	19	25	7	38	110	0.8
CFC53	40186	70	49 (5)	77	55	25	7	38	165	1.2
CFC55	40188	70	49 (5)	127	90	25	7	38	216	1.5
CFC57	40190	70	49 (5)	181	128	25	7	38	273	1.9
CFC59	40192	70	49 (5)	232	165	25	7	38	324	2.2
CFC101	40235	70	111 (11)	25	40	38	16	57	90	1.5
CFC102	40237	70	111 (11)	54	86	38	16	57	121	2
CFC104	40239	70	111 (11)	105	167	38	16	57	171	2.7
CFC106	39849	70	111 (11)	155	247	38	16	57	247	4
CFC108	39850	70	111 (11)	206	328	38	16	57	298	4.6
CFC1010	39851	70	111 (11)	257	409	38	16	57	349	5.3
CFC1012	39852	70	111 (11)	305	485	38	16	57	400	6
CFC1014	39853	70	111 (11)	356	566	38	16	57	451	6.8
CFC151	40264	70	166 (17)	25	59	48	24	70	124	3
CFC152	40266	70	166 (17)	51	121	48	24	70	149	3.5
CFC154	40268	70	166 (17)	101	240	48	24	70	200	4.5
CFC156	39881	70	166 (17)	152	361	48	24	70	272	6.5
CFC158	39882	70	166 (17)	203	482	48	24	70	322	7.5
CFC1510	39883	70	166 (17)	254	603	48	24	70	373	8.5
CFC1512	39884	70	166 (17)	305	725	48	24	70	424	9.5
CFC1514	39885	70	166 (17)	356	846	48	24	70	475	10.9
CFC251	39940	70	232 (24)	25	83	60	33	85	140	5.1
CFC252	39941	70	232 (24)	51	169	60	33	85	165	5.9
CFC254	39942	70	232 (24)	101	335	60	33	85	216	7.7
CFC256	39943	70	232 (24)	159	528	60	33	85	273	9.7
CFC258	39944	70	232 (24)	209	694	60	33	85	324	11.5
CFC2510	39945	70	232 (24)	260	863	60	33	85	375	13.3
CFC2512	39946	70	232 (24)	311	1032	60	33	85	426	15
CFC2514	39947	70	232 (24)	362	1201	60	33	85	476	17
CFC502	40292	70	496 (51)	53	376	80	71	127	176	16
CFC504	40294	70	496 (51)	104	737	80	71	127	227	19
CFC506	40296	70	496 (51)	159	1127	80	71	127	282	23
CFC5013	40298	70	496 (51)	337	2389	80	71	127	460	35
CFC756	40344	70	727 (74)	155	1610	100	104	146	282	30
CFC7513	40345	70	727 (74)	333	3459	100	104	146	492	48
CFC1006	40388	70	929 (95)	168	2230	100	133	175	359	54
CFC10010	40389	70	929 (95)	260	3451	100	133	175	450	65



## CL - LOW PUSH CYLINDERS, GRAVITY RETURN

- Compact design for limited space applications.
- Prepared with mounting holes at bottom for fastening.
- Replaceable reinforced pressure cap.

CL-cylinders are ideal for those who need a compact installation dimensions. Holes in cylinder bottom makes them easy to integrate into the application.

Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Stroke volume cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CL50-25	35680	70	49 (5)	25	18	26	7.1	39	60	0.7

## CLF - LOW PUSH CYLINDERS WITH SPRING RETURN

CLF cylinders are the right choice for those who need flexible cylinders with small dimensions. With capacities ranging from 5 tons to 200 tons makes them suitable for lifting and other for purposes. Threaded mounting holes make them easy to integrate into various applications.

The CLF series are REHOBOT's smallest cylinder series - CLF50-10 reach an height of only 37 mm, but with an incredible 5-ton lifting capacity. Cylinders CLF670-45 and CLF1100-40 are equipped with a removable handles to facilitate their handling.



Name	Part Number	Pressure MPa	Capacity kN (t)	Stroke mm	Stroke volume cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CLF50-10	35132	70	50 (5)	10	7.1	24	7.1	60	37	0.6
CLF110-10	35133	70	111 (11)	10	15.9	35	15.9	80	43	1.5
CLF110-30	47067	70	111 (11)	28	44.5	35	15.9	65	75	1.8
CLF220-13	35320	70	218 (22)	13.5	42.1	50	31.2	100	50	2.6
CLF220-50	37553	70	218 (22)	50	156	50	31.2	85	107	3.9
CLF220-25	50450	70	218 (22)	25	78	50	31.2	96	65	3.25
CLF450-15	35305	70	445 (45)	15	95.4	60	63.6	134	68	6.4
CLF450-40	47071	70	445 (45)	40	254.4	60	63.6	120	120	8.8
CLF670-15	35413	70	665 (68)	15	142.5	80	95	146	78	9.2
CLF670-45	47075	70	665 (68)	45	427.5	80	95	146	130	14.3
CLF1100-15	35166	70	1078 (110)	15	231	100	154	180	90	17
CLF1100-40	47079	70	1078 (110)	40	616	100	154	180	140	23.7
CLF1500-15	35485	70	1498 (153)	15	321	125	214	220	100	28
CLF2000-16	35490	70	1985 (202)	16	454	140	284	250	110	40



### HYDRAULIC HOSES

Our original hose is a black polyamide / polyurethane hose with steel reinforcement. The surface provides good abrasion resistance and long life.

See accessories catalogue for more information on the hoses and other accessories.



### QUICK COUPLINGS

Swivel couplings can be installed on either pump, cylinders or on the hydraulic tools.

When using the swivel a variable/rotating (360 °) coupling between the pump and hose is achieved.

## CPF - PULL CYLINDERS

CPF cylinders are pulling cylinders of 5 tons or 11 tons capacity. They are part of REHOBOT push and pull kits having threads on the piston top and cylinder bottom for attachment of accessories.

- Piston and cylinder case have threads as standard for fitting of accessories or mounting.

CPF cylinders are used, for example when reshaping welded structures.



Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Stroke volume cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CPF705	27300	70	45 (5)	125	80	20	6	48	412	2.4
CPF709	27280	70	110 (11)	127	199	32	16	70	436	5.9

## CSF - STAINLESS STEEL SINGLE ACTING PUSH CYLINDERS WITH SPRING RETURN

- CSF-cylinders are available with 11 ton (13\*) to 88 (100\*) tons capacity and with 50 to 200 mm stroke length.
- Designed to compensate oblique loads better than conventional cylinders.
- Manufactured in stainless steel with hard chromitid piston.
- Collar mounting threads as standard.

All CSF - cylinders are equipped with spring return, wiper and quick coupling. Model CSF350 has also a carrying handle mounted on the cylinder frame.

\*CSF-series are approved for working pressures up to 80 MPa (800 bar).



Name	Part number	Pressure MPa	Capacity kN (t) at 70MPa	Capacity kN (t) at 80MPa	Stroke mm	Stroke vol. cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CSF110-50	45092	80	111 (11)	127 (13)	50	80	45	15,9	58	134	2,3
CSF110-100	45094	80	111 (11)	127 (13)	100	159	45	15,9	58	184	3,0
CSF110-150	45096	80	111 (11)	127 (13)	150	238	45	15,9	58	234	3,7
CSF220-25	45098	80	218 (22)	249 (25)	25	78	63	31,2	80	115	3,7
CSF220-50	45100	80	218 (22)	249 (25)	50	156	63	31,2	80	140	4,4
CSF220-100	45102	80	218 (22)	249 (25)	100	312	63	31,2	80	190	5,9
CSF220-150	45104	80	218 (22)	249 (25)	150	467	63	31,2	80	240	7,3
CSF220-200	45106	80	218 (22)	249 (25)	200	623	63	31,2	80	290	8,7
CSF350-50	45108	80	352 (36)	402 (41)	50	241	80	50,2	105	146	8,5
CSF350-100	45110	80	352 (36)	402 (41)	100	502	80	50,2	105	196	11,0
CSF350-200	45112	80	352 (36)	402 (41)	200	1005	80	50,2	105	296	15,6
CSF550-50	45114	80	550 (56)	628 (64)	50	393	100	78,5	130	160	14,0
CSF550-100	45116	80	550 (56)	628 (64)	100	785	100	78,5	130	210	17,7
CSF550-200	45118	80	550 (56)	628 (64)	200	1570	100	78,5	130	310	24,9
CSF860-50	45120	80	859 (88)	982 (100)	50	613	125	122,6	160	183	23,7
CSF860-100	45122	80	859 (88)	982 (100)	100	1227	125	122,6	160	233	28,9
CSF860-200	45124	80	859 (88)	982 (100)	200	2453	125	122,6	160	333	39,3



## CH/CHF - SINGLE ACTING STEEL HOLLOW BORE CYLINDERS

CH / CHF hollow cylinders can via the through-hole be used for both push or pull operations. For example, by inserting a rod through the cylinder, the compression force permit the cylinder to be used for pulling operations.

CH / CHF cylinders have a capacity of 6 tons to 51 tons and is very compact in its exterior dimensions. This makes them suitable for integration into applications.

CH62 has a gravity return & CHF62 cylinder has a spring return function.

Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Hollow diameter mm	Stroke volume cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CH62	42503	70	61 (6)	51	17	44.7	30	8.8	55	110	1.6
CHF62	45244	70	61 (6)	51	17	44.7	30	8.8	55	136	2

## CHFA - SINGLE ACTING ALUMINIUM HOLLOW BORE CYLINDERS

CHFA series consists of cylinders made of aluminium. This makes the products up to 50% lighter than comparable models made out of steel. Due to its construction, hollow cylinders can be used for both push and pull operations. For example, by inserting a rod through the cylinder, the compression force also be used for pulling operations.

CHFA cylinders are available with capacities between 13 ton to 103 ton and stroke lengths up to 153 mm.

**NOTE!** These cylinders are designed for general service and maintenance applications. Should your application require high cycle repetitive use, please contact REHOBOT to discuss your application.



Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Hollow diameter mm	Stroke volume cm <sup>3</sup>	Piston ø mm	Piston area cm <sup>2</sup>	Diameter mm	Height mm	Weight kg
CHFA132	45862	70	123 (13)	52	22	92	40	17.6	80	165	2.3
CHFA136	46602	70	123 (13)	153	22	270	40	17.6	80	310	4
CHFA182	46621	70	176 (18)	51	26	128	45	25.1	94	171	3
CHFA184	46622	70	176 (18)	102	26	256	45	25.1	94	246	4
CHFA262	46641	70	255 (26)	51	32	186	60	36.4	115	180	4.9
CHFA266	46642	70	255 (26)	153	32	557	60	36.4	115	323	8.7
CHFA372	46661	70	358 (36)	51	39	261	70	51.2	136	189	6.9
CHFA376	46662	70	358 (36)	153	39	784	70	51.2	136	327	12
CHFA504	47733	70	508 (52)	104	51	756	80	72.7	160	276	14.7
CHFA673	46681	70	659 (67)	77	54	726	100	94.2	185	250	18
CHFA676	46682	70	659 (67)	153	54	1442	100	94.2	185	350	25
CHFA1003	46701	70	1010 (103)	77	66	1111	120	144.3	227	284	29
CHFA1006	46702	70	1010 (103)	153	66	2208	120	144.3	227	391	40





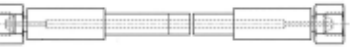
## LS & LSS - HYDRAULIC HOSES

**High Pressure Hose (2800 - 6250 bar burst pressure)** - is a polyamide / polyurethane hose with steel reinforcement. Polyurethane provides good abrasion resistance and a lifetime exceeding other standard rubber hoses on the market. The hoses are delivered with 2 seals (part no. 17009).

**NOTE!** We recommend that you always dimension by 3-4 fold margin of safety between the hydraulic systems maximum working pressure and burst pressure of the hose.



### High pressure hoses (2800 - 6250 bar burst pressure)


Name	Length mm	ø Inner/Outer mm	Connection thread	Working pressure MPa/bar	Burst pressure MPa/bar	
LS51ES	500	6,3/13,5	G1/4"	70/700	280/2800	
LS101ES	1000	6,3/13,5	G1/4"			
LS151ES	1500	6,3/13,5	G1/4"			
LS201ES	2000	6,3/13,5	G1/4"			
LS251ES	2500	6,3/13,5	G1/4"			
LS301ES	3000	6,3/13,5	G1/4"			
LS401ES	4000	6,3/13,5	G1/4"			
LS501ES	5000	6,3/13,5	G1/4"			
LS1001ES	10000	6,3/13,5	G1/4"	150/1500	450/4500	
LSS103EB	1000	4,7/11,5	G1/4" <sup>1)</sup>			
LSS203EB	2000	4,7/11,5	G1/4" <sup>1)</sup>			
LSS303EB	3000	4,7/11,5	G1/4" <sup>1)</sup>	240/2400	625/6250	
LS204ER	2000	4,7/13	9/16" UNF <sup>2)</sup>			
LS304ER	3000	4,7/13	9/16" UNF <sup>2)</sup>			

1) One side equipped with a swivel connection.

2) Delivered with 9/16" UNF internal thread and a 60° external sealing cone.

### Highly flexible hydraulic hoses

This is a black rubber hose reinforced with two layers of braided steel reinforcement. The hose is well-suited for flexible installations. The hose are delivered with two seals.

Name	Length mm	ø Inner/Outer mm	Connection thread	Work pressure MPa/bar	Burst pressure MPa/bar	
LS150ES	1500	6,3/15,5	G1/4"	70/700	160/1600	
LS200ES	2000	6,3/15,3	G1/4"			
LS250ES	2500	6,3/15,5	G1/4"			
LS350ES	3000	6,3/15,5	G1/4"			
LS500ES	5000	6,3/15,5	G1/4"			

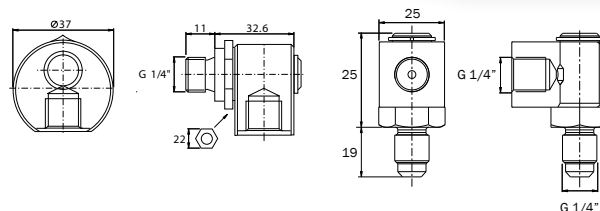
## ASE - SWIVEL COUPLINGS

Name	Connection thread	Max. working pressure
ASE10	G1/4"	80 MPa / 800 bar
ASE15	G1/4"	150 MPa / 1500 bar

Swivel couplings can be mounted to both cylinders, pumps or other hydraulic tools. By means of the swivel coupling you get an flexible connection between pump/tool and hose. This means more flexible operation of the tools, especially in combined spaces.

Swivel couplings can rotate 360° - even under pressure. ASE10 is delivered with one seal (17009).

ASE15 does not require additional sealing when mounted on a hydraulic unit with conical connection interface.



ASE10

ASE15

## AQ - QUICK COUPLINGS

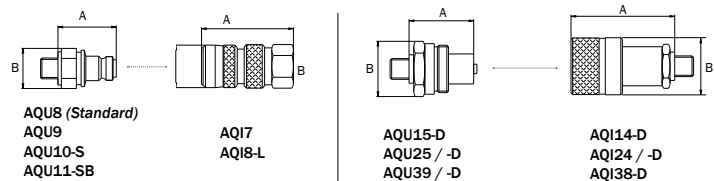
All quick couplings from REHOBOT have a check valve and are supplied with seals and protection caps made of metal or plastic.

- Insert and screw type couplings.
- Interchangeable with many other brands on the market.



COUPLING & SUITABLE COUNTER COUPLINGS

Protection caps prevent contamination of the hydraulic system. Screw type couplings permit a higher flow rate than insert type couplings.



Name	Type	Male	Female	Max. pressure MPa/bar	Int. thread	Ext. thread	Locking ring	A mm	B mm	Flow l/min***	Dust protection	
											Standard	Alternative
AQI7	Insert		•	100/1000	G 1/4"	(1)		60	27	6	TDP26	-
AQI8-L			•	100/1000	G 1/4"	(1)	•	60	27	6	TDM26	-
AQU8		•		100/1000	(2)	G 1/4"		39	25	6	TDP23	TDM23
AQU10-S*		•		100/1000	(2)	G 1/4"		40,5	25	6	TDP23	TDM23
AQU11-SB**		•		100/1000	(2)	G 1/4"		40,5	25	6	TDP23	TDM23
AQI14-D	Screw		•	100/1000		NPT 1/4"	•	48,5	30	15	TDM14	-
AQU15-D		•		100/1000		NPT 1/4"		34	30	15	TDM15	-
AQI24			•	100/1000	(3)	G 1/4"	•	72	36	35	TDP24	-
AQI24-D			•	100/1000	(3)	G 1/4"	•	72	36	35	TDM24	-
AQU25		•		100/1000	(3)	G 1/4"		52	35,5	35	TDP25	-
AQU25-D		•		100/1000	(3)	G 1/4"		52	35,5	35	TDM25	-
AQI38-D			•	100/1000		NPT 3/8"	•	68	36	35	TDM24	-
AQU39		•		100/1000		NPT 3/8"		39	35,5	35	TDP25	-
AQU39-D		•		100/1000		NPT 3/8"		39	35,5	35	TDM25	-

1) Addition of nipple AAU436 gives G1/4" external thread.  
2) Removal of nipple AAU436 gives G1/4" internal thread.  
3) Addition of nipple AA1456 gives G1/4" internal thread.

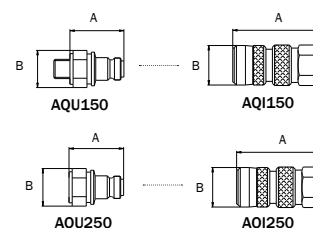
\* Coupling AQU10-S has a built-in hose rupture valve.  
\*\* Coupling AQU11-SB has a built-in flow restriction/check valve.  
\*\*\* Flow rate at 0,4 MPa(4 bar) pressure drop.

TDP = Plastic dust protection  
TDM = Metal dust protection

## AQ - QUICK COUPLINGS (ULTRA-HIGH PRESSURES)

Ultra high pressure systems puts high demands on the quality of the used components. We recommend that you always use REHOBOT approved accessories be selected when working with ultra high pressures.

- Quick couplings up to 250 MPa.



Name	Type	Male	Female	Max. pressure. MPa/bar	Int. thread	Ext. thread	A mm	B mm	Flow l/min**	Dust protection
AQI150	Insert		•	150/1500	G 1/4"*	(3)	60	27	6	Plastic
AQI250			•	250/2500	G 1/4"*	(2)	64	30	4,6	Plastic
AQU150		•		150/1500	(1)*	G 1/4"	62,5	25	6	Plastic
AQU250		•		250/2500	G 1/4"*	(2)	55,3	25	4,6	Plastic

1) Removal of nipple AAU436 gives G1/4" internal thread with 120° sealing cone.  
2) Adapter is required: AAU241, AAU242 or AAU243  
3) Addition of nipple AAU436 gives G1/4" external thread.  
\* Female thread with internal 120° sealing cone  
\*\* Flow rate is measured at 0,4 MPa(4 bar) pressure drop

## AAE / TX - COUPLING NIPPLES

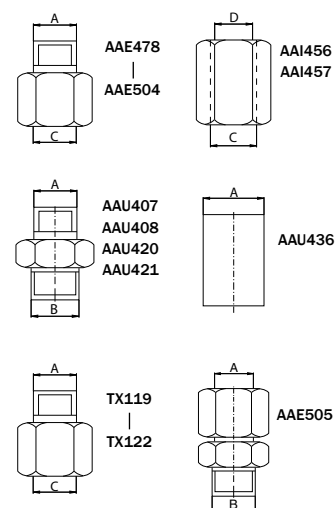
Coupling nipples from REHOBOT Hydraulics for hydraulic systems guarantee connectivity. The nipples can be used to adjust the thread dimensions of cylinders, hoses or ports.



**Note!** Please observe that seals are not included in (advise the table below to find the appropriate seal for your coupling nipple).

Name	Max. pressure MPa	A Ext. thread	B Ext. thread	C Int. thread	D Int. thread	Seal type (see below)
AAE478	80	G 1/4"	-	G 3/8"	-	A = 2 C = 3
AAE482		G 3/8"	-	G 1/4"	-	A = 3 C = 2
AAE487		G 1/2"	-	G 1/4"	-	A = 4 C = 2
AAE497	100	NPTF 3/8"-18	-	G 1/4"	-	A = - C = 2
AAE498		G 1/4"	-	NPTF 1/4"-18	-	A = 2 C = -
AAE499	80	G 1/4"	-	NPTF 3/8"-18	-	A = 2 C = -
AAE502	150	G 1/4"	-	G 1/4"	-	A = 2 C = 2
AAE504		G 1/4"	-	G 1/4"	-	A = 2 C = 2
AAE505*	80	G 1/4"	-	G 1/4"	-	A = 2 C = 2
AAI456		-	-	G 1/4"	G 1/4"	C = 2 D = 2
AAI457		-	-	G 1/4"	G 3/8"	C = 2 D = 3
AAU407	100	G 1/4"	G 3/8"	-	-	A = 2 B = 3
AAU408		G 1/4"	G 1/2"	-	-	A = 2 B = 4
AAU420		G 1/4"	NPTF 1/4"-18	-	-	A = 2 B = -
AAU421		G 1/4"	NPTF 3/8"-18	-	-	A = 2 B = -
AAU436	150	G 1/4"	-	-	-	A = 2
TX119	100	KR 3/8"	-	G 1/4"	-	A = - B = 2
TX120	80	G 1/8"	-	KR 3/8"	-	A = 1 B = -
TX121	100	G 1/8"	-	G 1/4"	-	A = 1 B = 2
TX122		G 1/4"	-	G 1/8"	-	A = 2 B = 1

\*AAE505 - Coupling nipple with swiveling function (before tightening).



### Accessories for 150 MPa systems

Hydraulic system operating at 1500 bar or more can be dangerous if the systems are not sealed properly.

Even if all components individually are approved for 1500 bar or more, there are other factors to consider.

Everything for the safe use of ultra high hydraulic systems.

Contact us for more information!

## SEALS

Seal type	Part no	For thread
1	01044650	G <sup>1</sup> / <sub>8</sub> "
2	17009	G <sup>1</sup> / <sub>4</sub> "
3	16217	G <sup>3</sup> / <sub>8</sub> "
4	14192	G <sup>1</sup> / <sub>2</sub> "

To ensure a proper sealing should the seal type be selected in accordance with the table above. This ensures a hydraulic system without leakage.

## TY - HYDRAULIC OIL

Name	Volyme liter	Oil grade
TY41	1	ISO VG10
TY45	5	ISO VG10

Hydraulic oil of high quality guarantees excellent functionality of your hydraulic system.

Oil grade ISO VG10 or better should always be used with REHOBOT products.



## AB / AF / ATI - MANIFOLD BLOCKS

If you look to build or develop sophisticated hydraulic systems, manifold blocks can be considered a vital component.

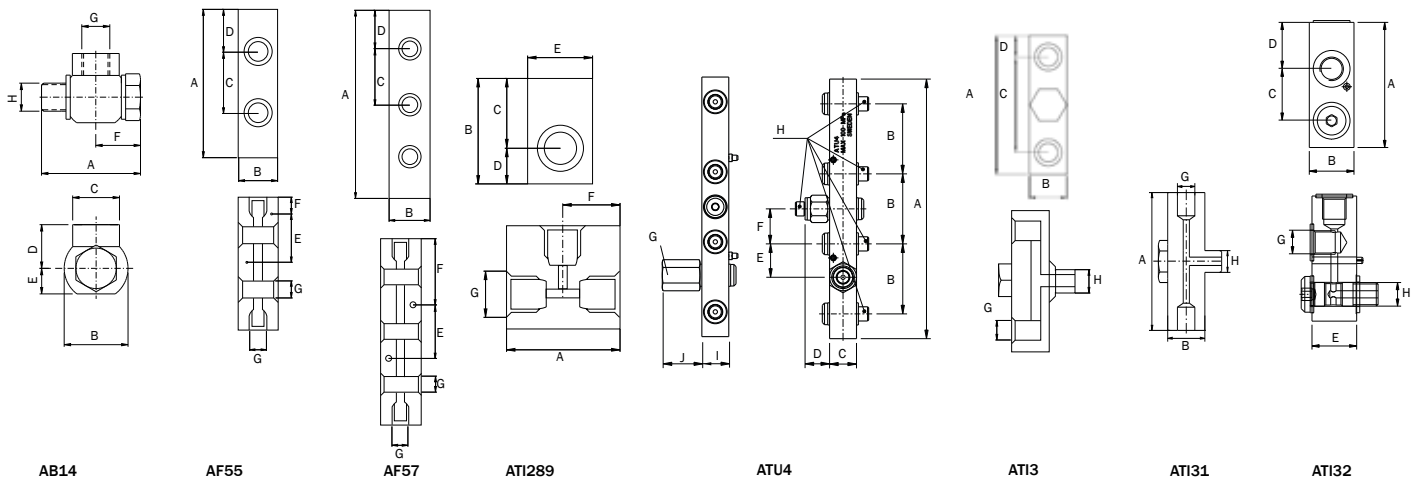
The manifold block is used to distribute the hydraulic flow over several individual ports in order to use the same pump for one or more hydraulic tools or cylinders.

**Note:** In order to plug any unused holes, use plug part number 16536 and seal with part number 17009. The seal is also used for sealing



Name	Max. pressure MPa/bar	Number of ports	A mm	B mm	C mm	D mm	E mm	F mm	G Int. thread	H Ext. thread	I	J
AB14	100/1000	2	45	30	22	20,5	12	21	G 1/4"	G 1/4"	-	-
AF55		6	100	30	40	30	40	10	G 1/4"	-	-	-
AF57		8	140	30	40	30	40	50	G 1/4"	-	-	-
ATI289		3	45	40	27	13	25	22,5	G 1/4"	-	-	-
ATU4*		5	241	65	25	23	31	32,5	G 1/2"	G 1/4"	25	37
ATI3	150/1500	3	85	25	60	12,5	-	-	G 1/4"	G 1/4"	-	-
ATI31		3	85	25	-	-	-	-	G 1/4"	G 1/4"	-	-
ATI32		3	70	25	29	15	25	-	G 1/4"	G 1/4"	-	-
AF41	300/3000	4							G 1/4"	-	-	-

\*ATU4 - Additional G1/2" port for gauge assembly.



AB14

AF55

AF57

ATI289

ATU4

ATI3

ATI31

ATI32



### DUAL LIFTING

Manifold blocks are a necessity for many advanced applications in high pressure hydraulics, such as the lifting of two or more cylinders.

With accessories from REHOBOT, you always get parts that fit your equipment at 100%.

### MULTIPLE HYDRAULIC PORTS

Gauge adaptor AAM14 used for gauge type TX103 and TX104 can be mounted directly on the manifold blocks.

In order to plug any unused G1/4" hole, use plug part no. 16536 with seal part no. 17009.

The seal is also used for sealing between holes in manifold blocks and hoses.

## VALVES OVERVIEW

REHOBOT offers many different type of valves. Ranging from shut-off valves, with regulating functions, directional valves and other valves for safety purposes.

**Note!** Seals are always included for valves with trough hollow screw i.e. VAD2 & VAT3.

Valve types without needs to be supplemented with seals.


For thread G 1/4" use part number 17009.



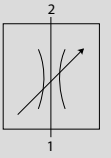
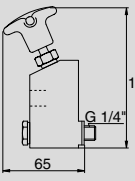
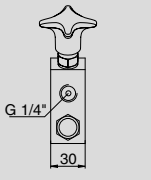
## VA/ VAD / VAT - SHUT OF VALVES

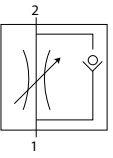
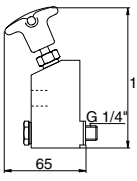
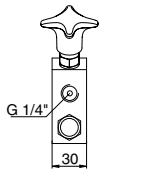
Name	VA14	VAB114	VAD22	VAD2	VAT3
Max pressure MPa/bar	100/1000	80/800	80/800	80/800	80/800
Special function	-	Built in ball valve on/off function.	Built in gauge port	-	-
Mounting principle	Fixed mounting on hydraulic unit via G1/4"	Fixed mounting on hydraulic unit via G1/4"	Fixed mounting on hydraulic unit via G1/4"	For hose assembly	For hose assembly
Number of outlet ports	1	1	2 + Gauge port <sup>(*)</sup>	2	3

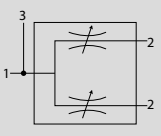
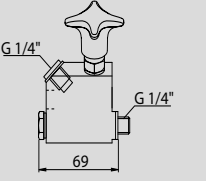
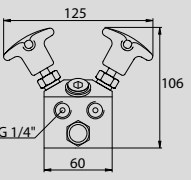
  

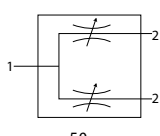
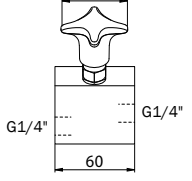
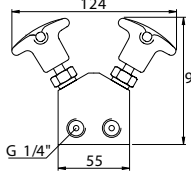


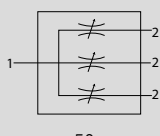
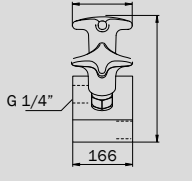
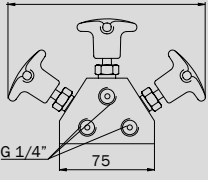
VA14

1) - Gauge adaptor AAM14 is required to fit additional pressure gauges!



### SHUT-OFF VALVE

VAD22 mounted on a hydraulic pump model PP70-2500RC.

VAD22s shut-off valve increases the usability of the pump by dividing the hydraulic flow into two separate ports.



### GAUGES & ADAPTOR

Pump PH70-600 equipped with a pressure gauge AMT801 & gauge adaptor AVM204, used for display of the hydraulic pressure.


Several different units on the gauges can be supplied by REHOBOT.




## VR / VRH - DIRECTIONAL VALVES

Name	VR42	VRH43
Max pressure MPa/bar	80/800	80/800
Hold function	-	Yes

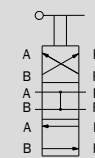
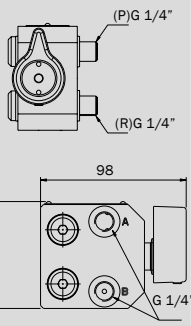
  

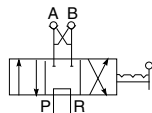
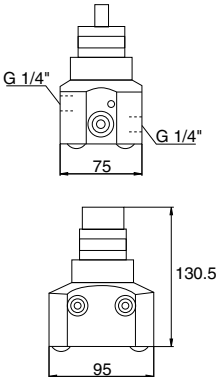


VR42



VRH43





**Note!** Please observe that seals are not included. For thread G 1/4" we recommend seal with part number 17009.

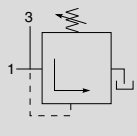
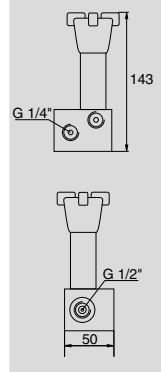
## VR / VRF - PRESSURE REGULATING VALVES

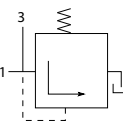
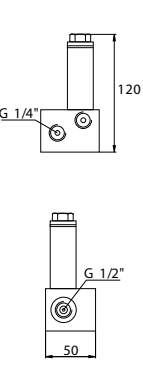
Name	VR30	VRF31	VR150*
Max pressure MPa/bar	70/700	80/800	150/1500
Comment	Adjustable	Preset at 80 MPa	Adjustable <sup>1)</sup>

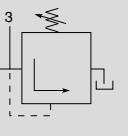
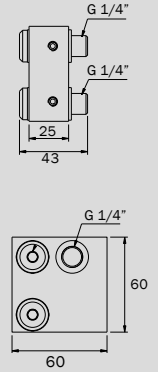
  



VR30

**Note!** Please observe that seals are not included. For thread G 1/4" we recommend seal part number 17009 and for thread G 1/2" we recommend seal part no 14192.

\* - Especially designed for hand pumps in the PHS-series.

1) - Adjustable pressure between 50 - 150 MPa.

## VS - SAFETY VALVE

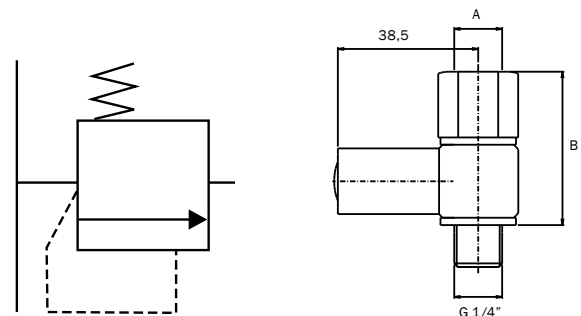
Name	Preset pressure MPa	A Int. thread	B mm
VS14-90	90 - 95	G 1/4"	42
VS14-100	100 - 105	G 1/4"	42



A safety valve is a useful component for preventing excessive pressures in a hydraulic system. These valves are primarily designed for use on the return side of double acting hydraulic cylinders, and are preset at the factory for maximum pressure as shown in the table. The preset pressure must NOT be changed!

- Preset pressure at 95 or 105 MPa.
- Prevents your hydraulic system from pressure overload.

**Note!** If the preset pressure is exceeded then oil will leak out. You must therefore ensure that the user is protected against pressurised oil. Always install the safety valve in an enclosure or protected area.



## AMP / AMT / AMZ / TX - PRESSURE GAUGES

Gauges permit visual monitoring of the force and/or pressure generated by a hydraulic pump. This helps prevent accidental overloading and contributes to prolonging the life of your hydraulic equipment.

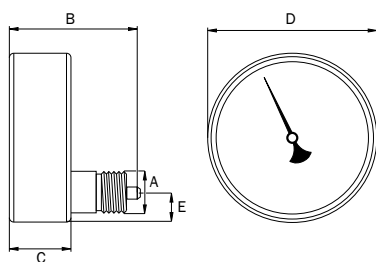
AMT801 and TX104 are fluid-damped gauge models which are recommended if there is a risk of pressure surges. Gauges with customised scales can be supplied on request.

*Note! REHOBOT may provide calibrated pressure gauges upon request. Please contact you REHOBOT distributor prior to ordering such gauges.*

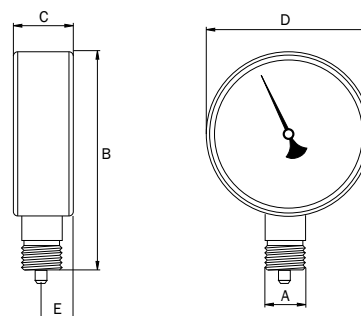


Name	Number of scales	Measurement range	Scale division	Piston diameter mm	Piston area cm <sup>2</sup>	A mm	B mm	C mm	D mm	E mm
AMP651	5	-40 kN	2 kN	30 45 65	7 16 33	G 1/2"	137	45	100	18
		-100 kN	10 kN							
		-200 kN	10 kN							
		-70 MPa	2 MPa							
		-10000 psi	500 psi							
AMP652	5	-400 kN	20 kN	90 110 140	64 95 154	G 1/2"	137	45	100	18
		-600 kN	50 kN							
		-1000 kN	50 kN							
		-70 MPa	2 MPa							
		-10000 psi	500 psi							
AMT650	2	-100 MPa	2 MPa			G 1/2"	137	45	100	18
		-14000 psi	500 psi							
AMT151	2	-160 MPa	5 MPa			M20x1,5	76,5	45	112	24
		-23000 psi	500 psi							
AMT301	2	-310 MPa	10 MPa			M20x1,5	76,5	45	112	24
		-45000 psi	1000 psi							
AMT801	2	-100 MPa	5 MPa			G 1/4"	50	28,5	60	15
		-15000 psi	1000 psi							
AMZ50	2	-800 kN	20 kN	100	79	G 1/2"	137	45	100	18
		-80 ton								
AMZ250	2	-24 ton	1 ton	65	33,1	G 1/2"	137	45	100	18
		-700 bar	20 bar							
TX102	3	-4 ton	1 ton	30 45	7 16	G 3/8"	130	45	100	18
		-10 ton	1 ton							
		-600 bar	50 bar							
TX104*	2	-160 MPa	5 MPa			G 1/4"	50	30	62	9
		-20000 psi	1000 psi							

AMT151  
AMT301  
AMT801  
TX104



AMP651  
AMP652  
AMT650  
AMZ50  
AMZ150  
AMZ250  
TX102



## 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.*

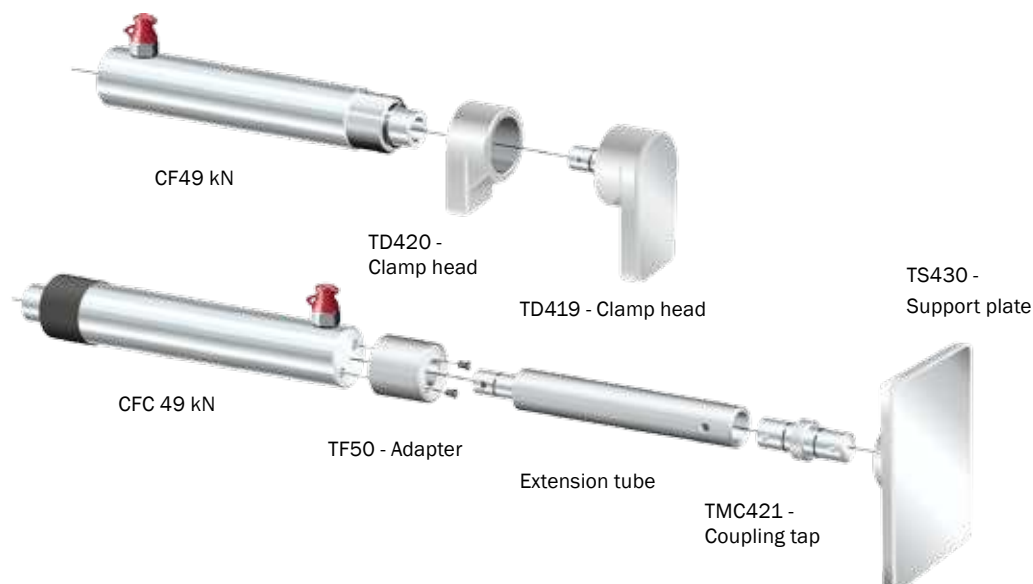


Name	For perssure gauge	Ext. thread A	Int. thread B	Int. thread C	Max. pressure MPa/bar	
<b>AAM14</b>	AMT801, TX104	G 1/4"	-	G 1/4"	150/1500	
<b>AAM201</b>	AMP651, AMP652, AMT650, AMZ50, AMZ150, AMZ250	G 1/4"	-	G 1/2"	100/1000	
<b>AVM202</b>	AMP651, AMP652, AMT650, AMZ50, AMZ150, AMZ250	G 1/4"	G 1/4"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

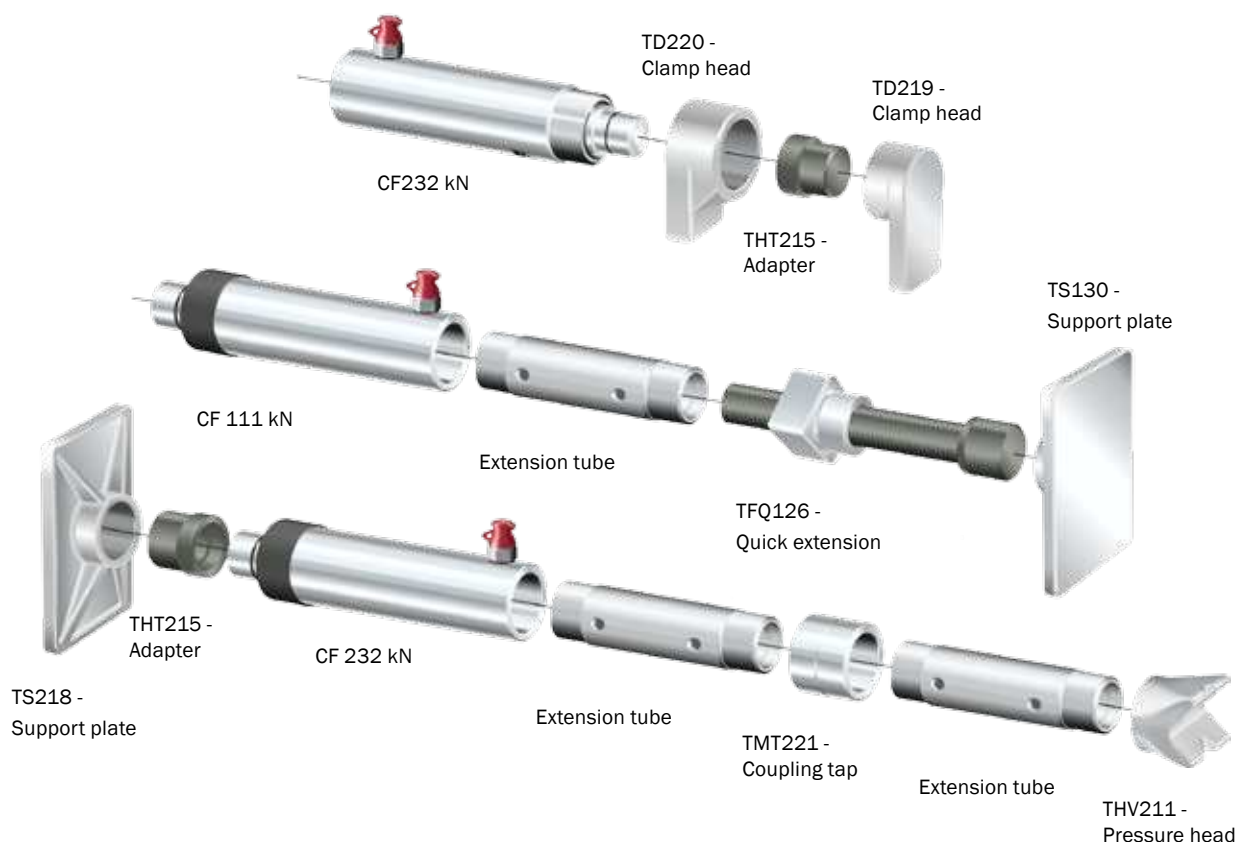


## ACCESSORIES FOR CF & CFC - SERIES

For CF / CFC cylinders (49 kN)



For CF / CFC cylinders (111 & 232 kN)



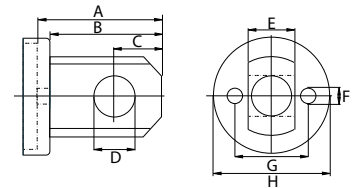
Cylinders within the CF and CFC series are general purpose cylinders. Both series includes a wide range of products with respect to various stroke lengths and product performance. The series are prepared to be equipped with several different accessories extending the use of the cylinders.

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.

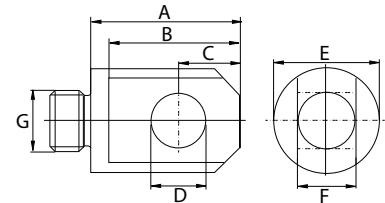


Name	For cylinder type	A mm	B mm	C mm	D ø mm	E mm	F ø mm	G mm	H ø mm	J ø mm
TCF50	49 kN/5 ton	48	41,5	16	16	14,2	7	25	44,5	29
TCF100	111 kN/10 ton	67	60,5	25,5	22,35	25,4	8,5	40	63,5	43
TCF150	166 kN/15 ton	67	60,5	25,5	22,35	25,4	10	48	77	43
TCF250	232 kN/25 ton	80	73,25	31,75	31,75	38,1	13,5	59	95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

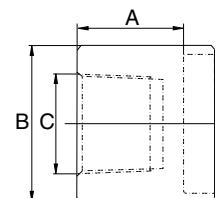


Name	For cylinder type	A mm	B mm	C mm	D ø mm	E ø mm	F ø mm	G
TKF50	49 kN/5 ton	41,5	34	16	16	29	14,2	3/4"-16 UNF
TKF100	111 kN/10 ton, 166 kN/15 ton	62	54	25,5	22,35	43	25,4	1"-8 UNC
TKF250	232 kN/25 ton	74,5	66,5	31,8	31,75	57	38,1	1 1/2"-16 UN

## TF / TFG - ADAPTER

For CFC - cylinders, used for adapting the cylinder base

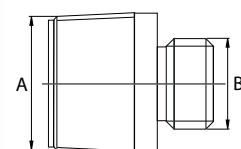
Name	For cylinder type	A mm	B ø mm	C
TF50	49 kN/5 ton	39	44,5	ø 19 mm
TFG50	49 kN/5 ton	39	44,5	3/4"-14 NPT
TFG100	111 kN/10 ton	45	65	1 1/4"-11 1/2 NPT
TFG250	232 kN/25 ton	50,5	98	2"-11 1/2 NPT



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

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

1) - CFC-series require adapter TFF50

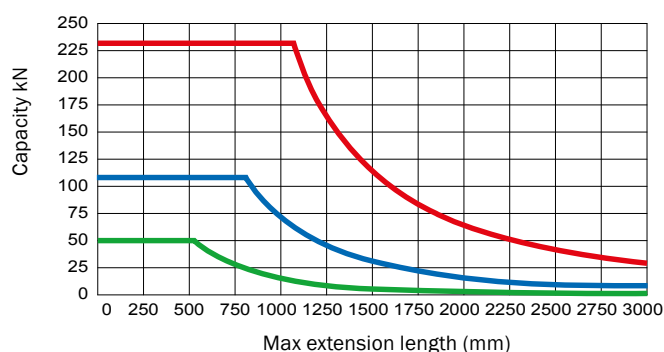
2) - CFC-series require adapter TFG100

3) - CFC-series require adapter TFG250

1) - CFC-series require adapter THT100

2) - CFC-series require adapter THT150

### PERMISSIBLE EXTENSION FOR CF- & CFC - CYLINDERS



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






## 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 &amp; CFC* 49 kN/5 ton</i>		
	<b>TC428</b> Locking pin	-
	<b>TD419</b> Clamp head for piston (max 20kN)	Tap ø 19 mm
	<b>TD420</b> Clamp head for cylinder(max 20kN)	Int. UN 1 1/2-16
	<b>TMC421</b> Coupling tap	Tap ø 19 mm
	<b>TS430</b> 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*

	<b>TC128</b> Locking pin	
	<b>TD119</b> Clamp head for piston (max 50 kN)	Int. NPT 1 1/4-11 1/2
	<b>TD120</b> Clamp head for cylinder(max 50 kN)	Int. UN 2 1/4-14
	<b>TMC121</b> Coupling tap	Tap ø 32 mm
	<b>TMT122</b> Coupling nipple	Ext. 2x NPT 1 1/4-11 1/2
	<b>TMT124</b> Coupling nipple	Int. 2x NPT 1 1/4-11 1/2
	<b>TK107</b> Chain with hook (2 m)	
	<b>TOK109</b> Chain yoke	Int. UN 2 1/4-14
	<b>TS130</b> Support plate	Int. NPT 1 1/4-11 1/2
	<b>TSM131</b> 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 &amp; CFC* 232 kN/25 ton</i>		
	<b>TC228</b> Locking pin	-
	<b>TMC221</b> Coupling tap	Tapp ø 48 mm
	<b>TMT222</b> Coupling tap	Utv. 2x NPT 2-11 1/2
	<b>TMT224</b> Coupling tap	Inv. 2x NPT 2-11 1/2
	<b>TS218</b> Support plate	Inv. NPT 2-11 1/2

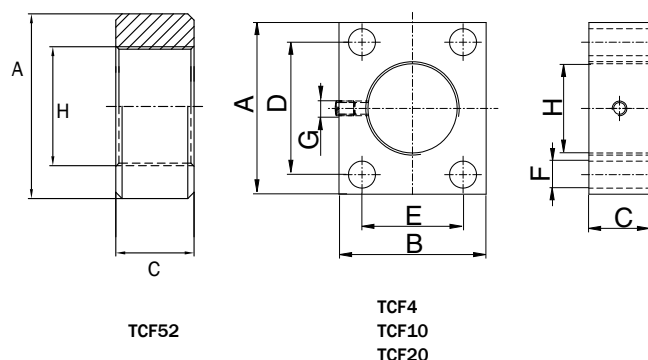
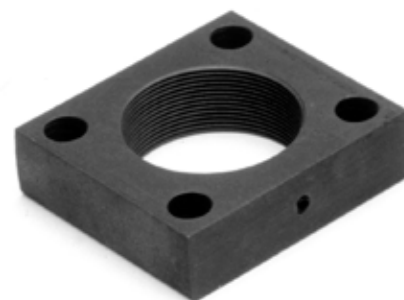
\* Accessories can be mounted on CFC - cylinder base by using adapter TFG250



## 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	Ø 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 Ø 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
	<b>TB441</b>	Pull shackle	Int. NPT 3/4-14
	<b>TBK410</b>	Shackle with bolt	-
	<b>TMT422</b>	Coupling nipple	Ext. 2x NPT 3/4-14
	<b>TMT423</b>	Coupling nipple	Int. NPT 3/4-14 Ext. NPT 1 1/4-11 1/2



For cylinder CPF709 (111 kN)

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



Name	Part number	Spreader force kN (tip)	Working pressure MPa	Max. opening mm	Min height mm	Width mm	Weight kg
<b>ESH 10</b>	<b>14507</b>	9	70	85	8	46	1.8
<b>CS20-120</b>	<b>38362900</b>	44 (20)	80	120	9	65	5.4
<b>HS20-120</b>	<b>38911900</b>	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 <sup>3</sup>	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

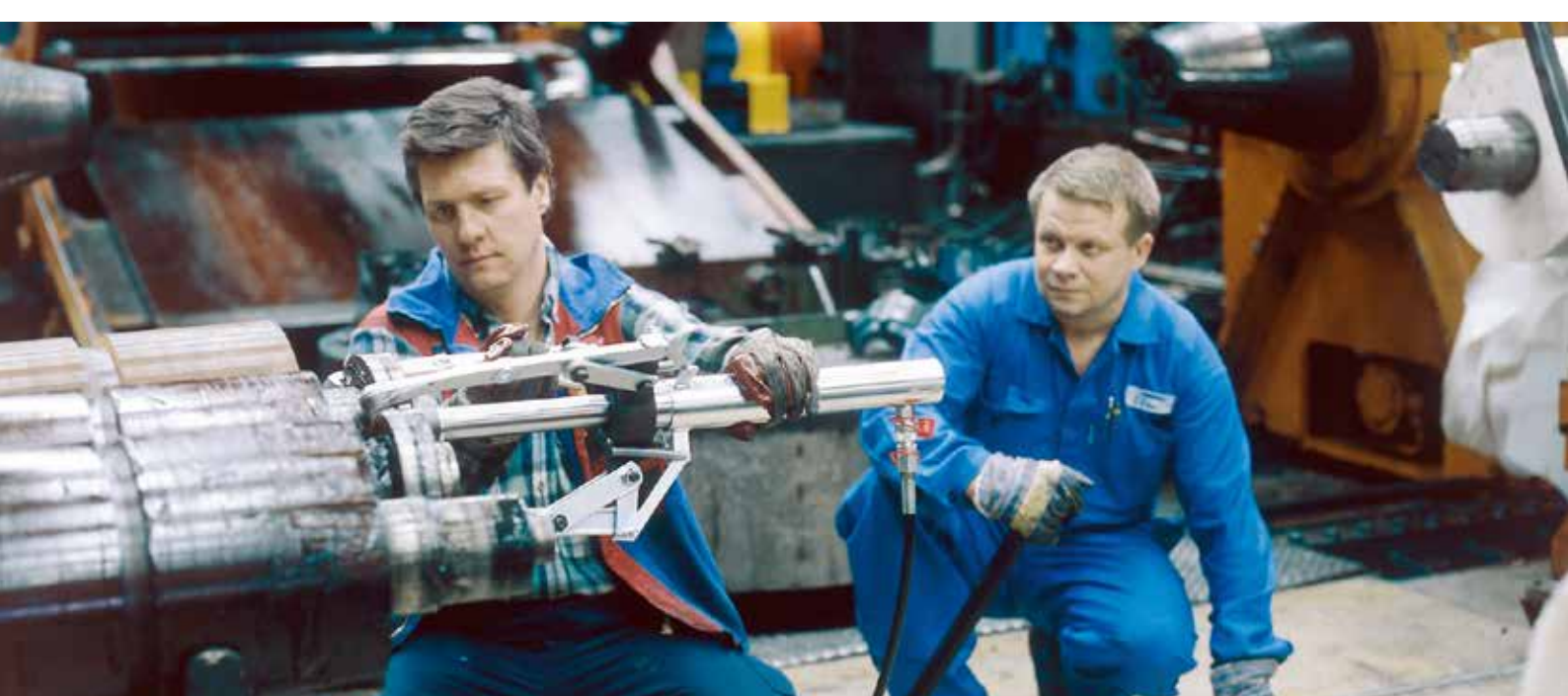


**Two additional accessory kits are available:**

- 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 assem-



blies, 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

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

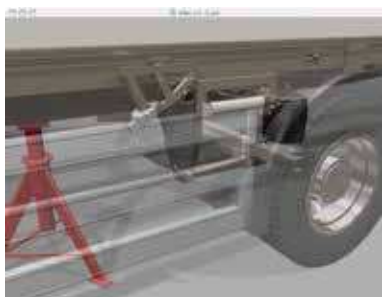


Removing the old bush and inserting a new on a DAF CF85 truck by the use of a EBH18 - kit simply the work. The operation can be performed in a safe and rapid manner.

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



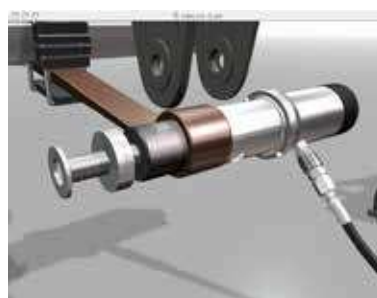
Step 2



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



### 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)

The 50 ton kit in use on a Volvo L150.



## 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

<b>TD40</b>	40 mm "horse shoe"
<b>TD50</b>	50 mm "horse shoe"
<b>TD75</b>	75 mm "horse shoe"
<b>BE110 &amp; adapter kit ADK</b>	Dedicated add on kit for Mercedes Benz Sprinter



Name	Part number	Pressure MPa	Capacity kN (t)	Stroke mm	Stroke volume cm <sup>3</sup>	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

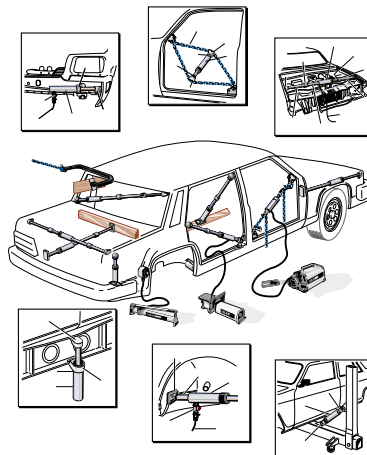
- A multi functional robust tool box for all maintenance jobs.
- 5, 11 or 23 ton capacity.
- Flexible tool kit for push or pull applications.
- Interconnects with many other REHOBOT accessories.
- Strong storage case.



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



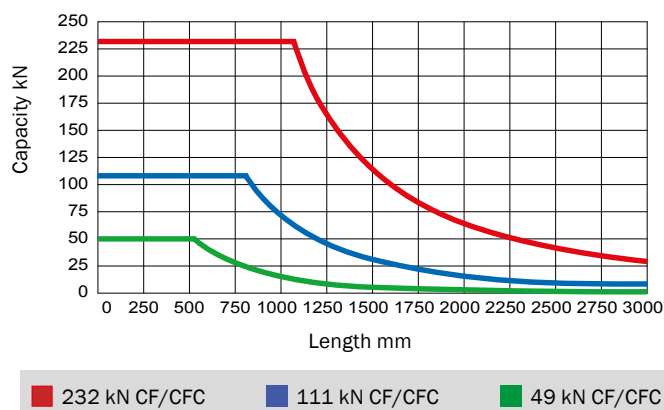
More comfort –  
PP70B-1000/LS201

.....



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 sized 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

[www.rehobot.se](http://www.rehobot.se)





# REHOBOT®

MADE IN SWEDEN

## REHOBOT HYDRAULICS AB

P.O. Box 1107  
SE-631 80 Eskilstuna, SWEDEN  
T: + 46 (0)16 16 82 00  
F: + 46 (0)16 13 93 16  
info@rehobot.se

## REHOBOT INC (USA)

3980 W. Albany, Unit #1  
MCHENRY, IL 60050, USA  
T: +1 815 385 7777  
F: +1 815 385 7776  
info@rehobot.us

## REHOBOT LTD (UK)

Unit 6, Stechford Trading Estate  
Lyndon Road, Stechford  
BIRMINGHAM B33 8BU, UK  
T: + 44 121 789 77 07  
F: + 44 121 789 68 66  
info@rehobot.co.uk

**www.rehobot.eu**

# 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"

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