

REHOBOT®

MADE IN SWEDEN

POWER WITH HYDRAULICS

RESCUE EQUIPMENT

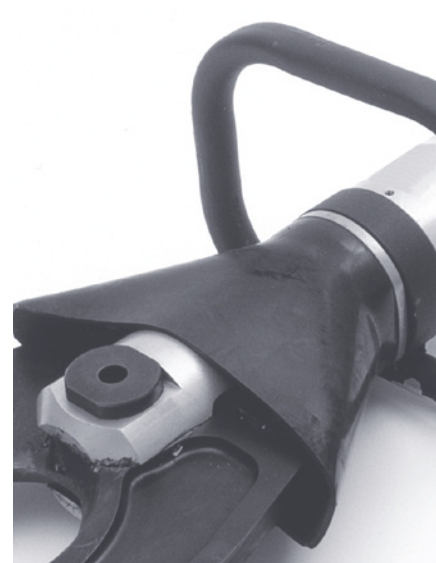
PRODUCT OVERVIEW



SAFETY

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

www.rehobot.se



ABOUT REHOBOT HYDRAULICS

REHOBOT Hydraulics is a successful Swedish company. We develop, manufacture and market products & systems based on high-pressure hydraulics. Our high quality solutions are often used for Rescue operations in time critical applications.

Our products are associated with a high quality and are well known. Mainly through the previous trademark of NIKE Hydraulics which REHOBOT acquired in 2010. The product range includes hydraulic pumps, cylinders, lift & garage equipment, tools and rescue equipment. Our business is divided into three main business areas:

- Industrial
- Automotive
- Rescue

REHOBOT has its head office in Sweden, Scandinavia where all manufacturing and R&D is done. Through our sales subsidiaries located in United Kingdom, USA and China we achieve a presence covering the entire world. We are also represented in other parts of the world through a broad network of authorized dealers, distributors & service partners.

WE SOLVE YOUR PROBLEMS

We have a solid experience developing and producing solutions based on high pressure hydraulics. New products are often the result of a design which usually become a part of a complete hydraulic solution. Always solving the requirements of our customers' power problems! With the base in our 80 years of experience, we constantly develop cost effective solutions in terms of power, performance & functionality.

WE ARE STRONGER TOGETHER

Our products are marketed and distributed in many parts of the world by an extensive dealer- and service network. You as a customer are also always welcome to contact REHOBOT directly or any of our subsidiaries. Together with our partners and customers we constantly create a mutual business success. No challenge is big enough and we look forward to work together with you.

ALWAYS EXCEEDING YOUR EXPECTATIONS!

Quality has and always will be the base of REHOBOT's success. Our goal is to always exceed your expectations! This hallmark partly arise by the quality of our products, but also thanks to our comprehensive customer service & support., short leadimes & delivery accuracy.

Our hydraulic solutions for Industrial, Rescue and Automotive applications consist of tools and components which can be found in many different industries and among users world-wide.

Process, mining, steel, construction and shipbuilding are just some of the many areas we serve. The product range includes hydraulic pumps, cylinders and a wide selection of accessories. Push-pull kits, puller for ball bearings & bushings, power tools such as spreaders and cutting tools, all constitute a part of our product offering.

Working in close collaboration and partnership with leading OEM's REHOBOT develop customized products & original equipment. We are alwyas open to listen to your specific request and are often able to meet your demands.

We make sure our solutions always meet the customers unique needs and ensurie a long and mutually profitable partnership.

REHOBOT Hydraulics are certified in accordance with ISO 9001 & ISO 14001 - standards.



REHOBOT offer a complete range of light, compact and effective rescue equipment. Everything developed to enable a rapid and secure rescue operation. Partly for the release or persons captured inside cars or buildings.



REHOBOT's rescue equipment is not only suitable for rescue operations related to car accidents. Removal of bricks of concrete or opening of elevator doors is also possible with the equipment from REHOBOT.



All rescue equipment are developed and produced at our facilities in Eskilstuna, Sweden. This warrants a high performance device with great quality and reliability.



RESCUE – TIME CRITICAL ACTIONS IN EMERGENCIES

Rescue equipment manufactured by REHOBOT are the result of extensive Research and Experience in the field of high pressure hydraulics. Close collaboration between rescue services, civil defence units and fire brigades is the base of REHOBOT's high performing rescue tools. We are able to supply solutions for all rescue and disaster scene.

Hand operated tools - Our hand driven tools are compact and has a with low weight. They are therefore easy to handle and carry.

Manual rescue tools - Manual tools are the preferred choice of equipment in many situations. For instance in natural disasters, accidents at remote locations and earth quakes where there is an unavailability of electricity and gas

Many customers of REHOBOT use such tools as a back up unit or complement to their normal engine driven pump units. The design of our manual operated tools enable them to be used at once, without preparations.

This ensure a rapid action in rescue operations at the accident scene.

Motor driven tools- Motor driven tools manufactured by REHOBOT are powerful and reliable tools that simply perform year after year. Due to our long experience within the field of developing motor driven rescue tools and pumps are we always fins suitable and cost effective solutions exceeding your needs.

Customised solutions - Sometimes our standard range of products does not fulfil the requirements of our customers. In such cases are we always open for a discussion on how we can adopt our product range to meet your expectations and demands.

REHOBOT RESCUE TOOLS ARE

- High performance & reliable
- High quality devices
- Functional designed
- Ergonomic & easy to use
- Safe to use and operate

RESCUE COMPONENTS USED FOR

- Cutting - Cutting tools with different power sources
- Spreaders - Tools for opening doors or spreading
- Safety - Safety support beams for safe operations
- Lift - Jacks & Lifting devices
- Pipe sealing- Pipe seals to stop leakages

EHR - MANUALLY OPERATED RESCUE KITS

Rescue kits are suitable for fast and small rescue vehicles such as ambulances, helicopters and small rescue vans where weight and space is limited. The rescue kits are also suitable as back up systems when more complex systems are in use. At serious accidents can valuable time be saved due to the fact that several tools can be operated by one and the same hydraulics pump unit. Max. working pressure 800 Bar.

Complete rescue kits in suitable packaging.

- Limited space and suitable for rescue operations at remote locations.



EHR101 - HAND OPERATED RESCUE KIT

Content in kit EHR101

Description	Designation	Description	Designation	Description	Designation
Box	-	Extension tube 127 mm	TFP102	Pump (incl. hose, swivel coupling & quick coupling)	PH80-500
Manual cutter	HSS100	Extension tube 254 mm	TFP103		
Manual spreader	HS20-120	Extension tube 381 mm	TFP104		
Pedal cutter	PC75-40R	Coupling nipple	TMT122	Push cylinder (13 ton, stroke 300mm)	CF310
		Coupling	TMT123		

EHR102 - CUTTING TOOL KIT

Content in kit EHR102

Description	Designation
Pedal cutter	PC75-40R
Hand pump	PH80-300
Hose 2 m	LS202ES
Quick coupling	AQI8-LD
Swivel coupling	ASE10

- Cuts rebars, pedals, bolts.
- Mounted for direct use.
- Cutting force up to 7.7 ton.



EHR104 - PIPE SEALING KIT

Content in kit EHR104

Description	Designation
Pipe seal complete	TR102
Clamping bar complete	TR102-2
Hand pump	PH-80-300
Hose	LS202ES
Quick coupling	AQI8-LD
Swivel coupling	ASE10

- Effectively stop leakages of tubes in a matter of seconds.
- Closure can be left at the leaking pipe or tube.
- Working pressure 800 bar



EHR111 - DOOR OPENER KIT

Content in kit EHR111

Description	Designation
Door opener (13 ton)	DO111
Hand pump	PHS80-300
Hose 2 m	LS202ES
Quick coupling	AQI8-LD
Swivel coupling	ASE10

- Practical in space limited applications.
- Open doors where conventional spreaders are too large.
- Working pressure 800 bar.





REHOBOT - THE SUPPLIER OF RELIABLE RESCUE SOLUTIONS

We offer more than simple products - we offer complete solutions. All REHOBOT motor driven tools are equipped with several safety features. It is a warrant to obtain a reliable and safe usage of the rescue equipment.

Unique challenges require unique solutions - and not only within in the field of rescue equipment. Several customers of REHOBOT require a complete supply of rescue equipment for one and the same supplier. Therefore we are happy to supply standard or customised products meeting your expectations.

As an value added service are we able to provide non-hydraulic equipment to complete our offering. Such may include safety support beams, seals and many other rescue components.

Responsibility - Our responsibility does not end at the moment you have receive the tools ordered. Our goal is that our customers will be satisfied through their entire use of our products. We offer education, practice, service, professional support and long-term collaboration. Our customers are our best references and we make sure they are pleased.

Safety - Our products are among the safest on the market. They are characterized by the security features built into all motorized rescue tools manufactured by REHOBOT.

Safety valves - Prevents the tool from overloading by limiting the maximum hydraulic pressure. Safety valves also protect the device if the return hose is connected incorrectly.

Dead mens grip - All tools are equipped with the same type of directional valve. It is an ergonomic rotary valve with integrated dead-man GRIP. The rotary valve is used to control the tool movement cycle. Valve replacement is quick and easy by removing four screws.

Hold function - The tools can be disconnected during operation. The tool does not move out of position even if the handle is rotated by mistake when the hoses are disconnected.



SAFETY & ERGONOMICS

Valves with dead-man makes the rescue tools safe and easy to use.



RAPID & FLEXIBLE

Quick couplings with dust caps are clearly marked to prevent incorrect connection of the tool.

DOBBEVENINGENDE MOJROBNA KLIPPVERKTYG

Double acting cutting tools manufactured by REHOBOT are available with two different types of blades. The eagle type is the optimal cutting tool for paper and cardboard. The eagle type is the optimal cutting tool for paper and cardboard. The eagle type is the optimal cutting tool for paper and cardboard.

The best characteristics of the eagle type blades are the fact that they have the longest cutting edge compared with other blades. The eagle type blades are the optimal cutting tool for paper and cardboard. The eagle type is the optimal cutting tool for paper and cardboard.



DHS - SERIES CUTTING TOOL (EAGLE TYPE BLADES)

Designation	Part number	Max. cutting force kN	Max. opening mm	Length mm	Weight kg
DHS105	46536	2088	1050	618	8.9
DHS150	45675	5122	1550	730	15.7
DHS180	47715	10331	1800	750	16.6



DHS150



DHS105

RT56 & RT60 Skäres
Sparblad för
tre hydrauliska modeller
DHS150, DHS150A
Käsebladets anslutning
på DHS240



RT60

DHS - SERIES CUTTING TOOL (EAGLE TYPE BLADES)

Designation	Part number	Max. cutting force kN	Max. opening mm	Length mm	Weight kg
DHS100B	46172	2776	1000	664	8.7
DHS240	44530	5122	2400	804	16.3



DHS240



DHS100

RT37 & RT68 Skäres
Sparblad för hy-
drauliska modeller
DHS150. Dessa skär-
blad är avsett att
användas på DHS240.



RT37

DISSECTING NOW!



The hydraulic cutting tools DHS150, DHS240 and the hydraulic double-acting DHS100 are the most powerful cutting tools in the series. They are powered by the same hydraulic system. The DHS150 and DHS240 are the most powerful cutting tools in the series.

DOUBLE ACTING COMBI TOOLS

The DHK35/200 and DHK45/370 are powerful combination tools for cutting, spreading and pulling tasks. The tools are controlled by the same practical twist-grip with dead man's handle as the other tools.

The spreader tips with the quick-lock system can easily be removed e.g. for cutting from one side and supporting from the other side (for example car roofs, steel panels, etc.). When both tips are removed, the DHK45/370 can be used as an ordinary hydraulic cutter. Max. working pressure for all combi tools is 800 Bar.



DHK - SERIES COMBI TOOL

Designation	Part number	Max. cutting force kN	Max. spreader force kN	Max. pulling force kN	Max. opening mm	Weight kg
DHK35/200	46091	276	35	-	200	10
DHK45A/370	40975	521	45	70	370	17,4



DHK45/370



DHK35/200

DHK - SERIES ACCESSORIES

RT24 Spreader tip (DHK45)

RT24 Spreader tip (DHK35)

Spare spreader tip for hydraulic combi tools DHK45/370 and DHK35/200.



RT25 Locking pin (DHK 45)

RT21 Locking pin (DHK 35)

Locking pin to spreader tip RT24 and puller arm RT64.



RT30 Blade (DHK 45)

RT36 Blade (DHK 35)

Serrated blades for combi tool DHK45/370 and DHK35/200.



RT57 Puller arm kit (only for DHK45)

RT57 is a complete kit with two puller arms, two pulling chains with one hook and one chain with two hooks.



Content, RT57

2 pcs RT64 - Puller arm

2 pcs RT27 - Chain with hook (2.5m)

1 pcs RT28 - Chain with two hooks (1.5m)

All parts can be ordered separately.



DOUBLE ACTING SPREADERS

The hydraulic spreader DHS50-720 with its maximum spreading capacity of 26.5 ton is a really powerful tool.

The tool weighs 20 kg only but it has both an opening as well as spreading, squeezing and pulling performances which are outstanding. Accordingly - the hydraulic spreader DHS50-720 is a tool designed for the future. The spreading tips are of course exchangeable, which makes the tools even more flexible for different situations. Max. working pressure for all combi tools is 800 Bar.



DHS - SERIES SPREADER TOOL

Designation	Part number	Max. spreader force kN	Max. squeezing force kN	Opening / angle mm / °	Max. pulling force kN	Max. pulling distance mm	Weight kg
DHS50/720	45260	260	78	720 / 123	63	567	20.3

DHS - SERIES ACCESSORIES

RT46 Spreader tip

Spare spreader tip for hydraulic spreader DHS50-720.



RT47 Cutter tip

Cutter tip for hydraulic spreader DHS50-720



RT58 Locking pin

Locking pin for spreader tip RT46 and cutter tip RT47.



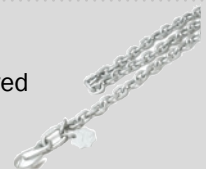
RT48 Chain hook fastener

Chain hook for pulling applications with spreader tool DHS50.



RT27 Chain (2.5 m) with hook

Chain for pulling. RT48 is required for assembly of RT27 on the spreader.



RT28 Chain (1.5 m) with two hooks

Chain used for repositioning while pulling or to secure the RT27.



DID YOU KNOW!

The new hydraulic cutters in the DHS150 and DHS240 series had been verified in comprehensive laboratory and real life applications.

One of the most difficult tasks during operation was to cut thru the B-beam on Volvos SUV, XC90. During test only 75% of the DHS150 cutting force capacity was required.



DOUBLE ACTING HAND OPERATED SPREADERS AND CUTTERS

HSS hand operated cutters have a pump body and lever that can rotate steplessly through 360°. It is therefore possible to work with these cutters in any position and therefore in a more comfortable working position. The integrated double-speed manual pump makes the tool being ready for work within seconds.

The HSS100 cutter is equipped with "parrot" type blades. This type of blades means that the object to cut is brought to the center of the blades which means better cutting performance on flat and heavy objects. HSS105, on the other side, is equipped with "eagle" type of blades. Those blades are serrated which gives better grip on large objects.



HSS - SERIES HAND OPERATED CUTTING TOOL

Designation	Part number	Max. Cutting force kN	Cutting force (blade center) kN	Cutting force (at tips) kN	Max. opening mm	Weight kg
HSS100B	46173	276	109	59	100	8.6
HSS105	46535	208	98	45	105	8.8

HS20/CS20-120 - HAND OPERATED SPREADERS

The manual spreader HS20-120 is the best choice if you are looking for an easy-to-use and high-performance tool, especially when there is no access to external power sources. Max. spreader force is 4.5 ton.

- Max. spreading force 4.5 ton.
- Flexible and easy to use. Single acting tool with integrated manual pump.
- Spreader head can rotate through 360°.
- Built-in safety valve.

The spreader unit (CS20-120) can be supplied separately and connected to a manual pump such as PHS80-300 or PHS80-2400R.



Designation	Part number	Spreader force (at tips) kN	Spreader force (center) kN	Max. opening mm	Weight kg
HS20-120	38911900	20	44	120	8.8
CS20-120	38362900	20	44	120	5.4



DOUBLE ACTING HAND OPERATED COMBI TOOL

The manual combi tool HKS35/200 is a highly flexible and easy-to-use tool. The pump body with the lever are able to rotate through 360° in order to ensure a flexible and comfortable working position. Furthermore, the HKS35/200 only weights 9.5 kg, which makes the tool easy to carry and to operate.

- Powerful combination tool for cutting, spreading and squeezing operations.
- Can be used in any position, horizontal or vertical.
- Build-in safety valve.

The integrated pump is, of course, a double-speed pump for faster tool operation.



HKS - SERIES COMBI TOOL

Designation	Part number	Max. cutting force kN	Max. spreader force kN	Max.squeezing force kN	Max. opening mm	Weight kg
HKS35/200B	46090	169	69	63	200/145	9.5



Hand operated spreader with 4.5 ton capacity.



Get the job done! Independent of angle and situation.

ACCESSORIED FOR HAND OPERATED TOOLS

RT17 Spreader tip (HKS)

Spear spreader tip for the hydraulic combi tool HKS.



RT21 Locking pin (HKS)

Locking pin to spreader tip RT17. Our recommendation is to always have two pcs as spare to ensure availability.



RT36 Blade (HKS)

Spare serrated blade for hand operated combi tool HKS.



RT31 Tool bag

The RT31 tool bag can be used together with all hand operated tools in the REHOBOT product range.



DHC - SERIES DOUBLE ACTING HYDRAULIC RAMS

Rams within the DHC12 series are made of aluminium to a large extent which means lower weight for these rams than comparable tools made of steel. The hydraulic rescue ram series DHC12 embraces double acting rams with both one and two-stage strokes. Ranging from max. stroke 285 mm to 570 mm (2x285 mm).

The max. pushing force at 12.2 ton and the max. pulling force at 3 ton are suitable for many different rescue challenges. Furthermore, there are several different accessories available, which enhance the rams possibilities even more.

Max. working pressure 800 bar.



Designation	Part number	Max. pulling force kN	Max. pushing force kN	Stroke mm	Min. length mm	Max. length mm	Weight kg
DHC12-285	46397	30	120	285	545	806	11.1
DHC12-330	46396	30	120	2x165	615	928	11.7
DHC12-570	46274	30	120	2x285	855	1408	15

Motor driven rescue tools from REHOBOT are provided with a twist-grip control with dead man's handle. This means that the tool will stop immediately and remain in its position when the handle is released.

Furthermore, all rescue tools are equipped with a built-in safety valve which protects the tools from overload. Besides that, the valve prevents the return hose being connected wrongly.

DHC - SERIES ACCESSORIES

RT27 Chain (2.5 m) with hook

Chain for pulling applications. Chain fastener RT49 is required for assembly of RT27 onto DHC12.

RT28 Chain (1.5 m) with two hooks

Chain for pulling operations. Chain attachment RT48 is necessary for fastening RT28 on the tool

RT49 Chain fastener



THK112 Pressure head, pointed



THR114 Pressure head, grooved



THV111 Pressure head, V-notched



TMT124 Coupling nipple, internal thread



TS130 Base plate



TSM131 Base plate with flexible tap



Extension tubes/ Quick extension tubes

REHOBOT provide several types of extension and Quick extension for the DHC12 series. Extension tubes are available with lengths from 76 mm to 510 mm. For more information, please see separate product description.

DTR - SERIES DOUBLE ACTING TELESCOPIC RAM

The new telescopic rams are the first choice when it comes to gain a long movement out of a short tool.

Furthermore, both the short and the long version of the telescopic ram can easily be equipped with extensions or different kinds of pressure heads. Booth rams have adjustable carrying handles.

Max working pressure is 800 bar.



Designation	Part number	Spreader force 1 stage kN	Spreader force 2 stage kN	Pulling force 1 stage kN	Pulling force 2 stage kN	Stroke mm	Min length mm	Max length mm	Weight kg
DTR265-300	44510	265	100	39	36	2X150	336	636	11.2
DTR265-700	45276	265	100	39	36	2X350	541	1241	15.9

DTR - SERIES ACCESSORIES

RT50 Pressure head



RT62 Pressure head C-shape



RT59 Adapter

Required for pressure head RT62.



RT54 Extension tube

Extension tubes increase the stroke range with 250 mm.



RT51 Penetration tip



RT52 Chain hook



RT53 Locking pin

Locking pin for RT51 and RT52.



RT55 Support foot (pivoted)



RT27 Chain (2.5 m) with hook

Chain for pulling operations. Chain attachment RT52 is necessary for fastening RT27 on the tool.



RT28 Chain (1.5 m) with two hooks

Chain for pulling operations. Chain attachment RT52 is necessary for fastening RT28 on the tool



RT65 Support plate

To be used to give adequate support when pushing against e.g. seat.



Motor driven rescue tools from REHOBOT are provided with a twist-grip control with dead man's handle. This means that the tool will stop immediately and remain in its position when the handle is released.

Furthermore, all rescue tools are equipped with a built-in safety valve which protects the tools from overload. Besides that, the valve prevents the return hose being connected wrongly.

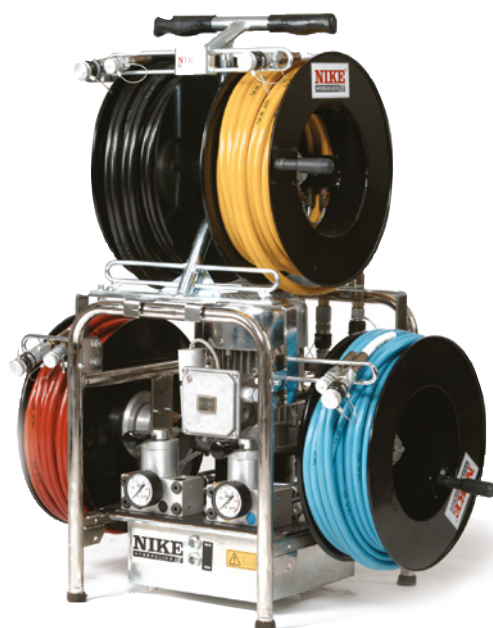
PME - (ELECTRIC) & PMP - (PETROL) DRIVEN RESCUE PUMP

Hydraulic double-speed motor pumps giving a high flow rate and driven by electric motor. The double-speed design provides increased flow at low load for faster rescue efforts (cross over pressure 8.5 MPa). Up to two tools can be operated simultaneously. Working pressure 800 Bar.

PME2022 - model: Two tools can be connected at the same time and operated simultaneously.

PME2042 - model: Up to four tools can be connected at the same time, and two can be operated simultaneously.

- Available with or without twin hose reel. 15 m or 25 m of twin hose are standard. Customized lengths are available.
- Sight glass for checking hydraulic oil level.
- Quick couplings with metal dust caps. The ends of hoses are clearly marked to ensure that tools are correctly connected.



Designation	Part number	Engine type	No. tools supported	Power kW	Hose length m	Width mm	Height mm	Weight ³⁾ kg
PMP2022	43950	Petrol ¹⁾	2	4.4	-	403	518	46.5
PME2022	43951	Electric ²⁾	2	1.5	-	403	511	45.5
PMP2042	43952	Petrol ¹⁾	4	4.4	-	403	518	49
PME2042	43953	Electric ²⁾	4	1.5	-	403	511	48.5
PMP2022-15	43954	Petrol ¹⁾	2	4.4	2x15	708	518	80
PME2022-15	43955	Electric ²⁾	2	1.5	2x15	708	511	79
PMP2042-15	43956	Petrol ¹⁾	4	4.4	2x15	708	518	82.5
PME2042-15	43957	Electric ²⁾	4	1.5	2x15	708	511	82
PMP2022-25	43958	Petrol ¹⁾	2	4.4	2x25	878	518	95
PME2022-25	43959	Electric ²⁾	2	1.5	2x25	878	511	94.5
PMP2042-25	43960	Petrol ¹⁾	4	4.4	2x25	878	518	98
PME2042-25	43961	Electric ²⁾	4	1.5	2x25	878	511	97

1) All petrol engines: one cylinder, 4-stroke engines

2) All electric motors: 110/230 Vac

3) With full hydraulic oil, engine oil and petrol.

Each pump has the following technical data in common:

Effective oil volume: 4.6 litre

Capacity low pressure: 2x3.4 litre/min

Capacity high pressure: 2x0.55 litre/min

PME / PMP - SERIES ACCESSORIES

RT33 Carrying handle

All pumps can be provided with carrying handles.



RT42 Mounting kit

RT42 contains all necessary parts to assemble a hose onto the electrical driven pumps.

Pressure gauge ATM801

A pressure gauge are installed on all engine driven pumps. The gauge permit an accurate control of the hydraulic pressure of the system.



RT34 Tool carrier

By the tool carrier can all tools be kept in order where they belong. I.e. close to the pump unit.



PMP - SERIES MINI PUMP

Mini pumps are the right choice when there is need for small and portable pumps for quick rescue tasks. When space is highly limited and therefore valuable, a mini pump may be the solution for your tool problem.

Two different models are available. Either supporting connection of one rescue tool (PMP1211) or two rescue tools (PMP1221). The pump is able to power one tool at the time and has an effective air cooling system.

Max working pressure is 800 bar.



Designation	Part number	Number of tools	Effective oil volume cm ³	Capacity low pressure cm ³ /min	Capacity high pressure cm ³ /min	Motor power kW	Weight kg
PMP1211	46211	1	2100	2350	550	4-takt, 1.8kW	15.4
PMP1221	46210	2	2100	2350	550	4-takt, 1.8kW	16.6

SVD - SERIES HOSE REEL

The REHOBOT hose reel type SVD1210L/R and SVD1215L/R come complete with 2 pcs of twin hose (2 x 10m or 2 x 15m). The two hose reels are fixed to a light weight carrying frame. L and R indicate if the hose reel is supposed to be mounted in the right (R) or left (L) side of the minipump PMP.

The twin hoses are at each end provided with AQ quick couplings male and female to be connected with the corresponding couplings on the rescue tool. The pressure hose ends are clearly marked to prevent mix-up. The couplings (male/female) have metal dust covers. The hose can independently be coiled and uncoiled under pressure.

The hose reel have connection hoses with quick couplings male and female to be connected directly to the mini pump. Length of connection hoses is 1.5 m.



Please note that there are left and right hose reel designs - depending on which side of the mini pump frame it is suppose to be attached to.

Designation	Part number	Hose length m	Weight kg
SVD1210L	47000	2x10	18
SVD1210R	47002	2x10	18
SVD1215L	47001	2x15	21
SVD1215R	47003	2x15	21

AQ - SERIES QUICK COUPLING

Desingation	Part number	Male	Thread
AQU21N	48022	Male	G1/4"
AQI21N	48023	Female	G1/4"



The hose reels can simply and rapidly be mounted onto the protective frame of mini pump PMP.

SVD - SERIES DUAL HOSE REEL

The REHOBOT hose reel type SVD2115, SVD2120 and SVD2125 come complete with 2 pcs of twin hose (2 x 15m, 2 x 20m or 2 x 25m). The two hose reels are fixed to a light carrying frame.

The twin hoses are each of different colour and are at each end provided with AQ quick couplings male and female to be connected with the corresponding couplings on the tools. The pressure hose ends are clearly marked to prevent mix-up. The couplings (male/female) have metal dust covers. The hoses can independently be coiled and uncoiled under pressure.

The hose reel has connection hoses with AQ quick couplings male and female to be connected to the pump. Length of connection hoses is approximately. 1.5 m.



All rescue pumps and hose reels are supplied with guidance for the hose. This simplifies the reeling of the hose,

Designation	Part number	Hose length m	Weight kg
SVD2115	47300	2x15	40
SVD2120	47301	2x20	49
SVD2125	47302	2x25	55

PHS80-2400R RESCUE HAND PUMP

The double-speed pump PHS80-2400R is as standard equipped with a pressure gauge and build for both hand and foot operation. This allows the best working position possible.

The robust design with the stabilising base plate allows the pump to be used in many tough situations.

- Hand or foot operated.
- Modern and robust design.
- Pressure gauge ATM801 supplied as standard.



Designation	Part number	Max. Working pressure MPa	Effective oil volume cm ³	Capacity high pressure cm ³ /slag	Capacity low pressure cm ³ /stroke	Pump force N	Weight kg
PHS80-2400R	44879	80	2400	2	20	340	12.2



DID YOU KNOW?

PHS80-2400R has a built in pressure gauge and safety release valve. Dust protection made of metal provide a great protection against dust in the hydraulic system.

The robust and multi functional pump handle enable the pump to be operated by foot or by hand.

TR - SERIES PIPE SEALING TOOL

The clamping bars complete with rods and nuts can be locked in its position and left on the damaged pipe for as long as necessary. All that is required to seal further leaks are additional sets of clamping bars.

- Stops leakage quickly and efficiently.
- 11.3 ton (TR102) respectively 16.8 ton (TR154) capacity.

The pipe sealing tool must be connected to a separate manual pump (e.g. PHS80-300 or PHS80-2400R).



Designation	Part number	Capacity kN	Hydraulic stroke mm	Cylinder type	Yoke	Clamping bar set	Weight kg
TR102	40911	111	54	CFC102	TR102-1	TR102-2	8
TR154	40289	166	101	CFC154	TR154-1	TR154-2	15



With the pipe sealing tools TR102 can all leaking pipes be shut off in a few seconds.

	TR102	TR154
Pipe diameter	52 mm	95 mm
Pipe thickness	3 mm	3 mm
<i>Max pipe dimensions with materials of quality (Rm 320-520 N/mm²)</i>		

DO111 - SERIES HYDRAULIC DOOR OPENER

The door opener DO111 is the perfect tool for rescue and police where forced entry operation are necessary. The tool is provided with a flat surface, which enables the tool to be hammered in to the door slot. Furthermore, it has serrated teeth for holding a steady grip between the door and frame. The hydraulic door opener DO111 is sold with a AQ quick coupling as standard.

- Quick and easy to use
- 105 mm opening
- 13 ton capacity

Maximum working pressure for DO111 is 800 bar. At maximum working pressure have the door opener a capacity of 13 ton.

The door opener tool must be connected to a separate manual pump (e.g. PHS80-300 or PHS80-2400R).



Designation	Part number	Capacity kN	Max opening mm	Stroke volume cm ³	Diameter mm	Height mm	Weight kg
DO111	44124	127	105	167	120	209	4.9

PC75 - SERIES HYDRAULIC CUTTING TOOL

The hydraulic cutting tool PC75-40R is a hand operated cutting tool with spring return for cutting pedals in crashed vehicles, for cutting rebar, padlocks aircraft and train seats etc. The tool is available in two versions: with swivel coupling (PC75-40R) and with quick coupling (PC75-40).

The swivel coupling (ASE10) is capable of rotating 360° even under pressure which guarantees highest possible flexibility when handling the tool.

Max 800 bar working pressure.

The cutting tool must be connected to a separate manual pump (e.g. PHS80-300 or PHS80-2400R).



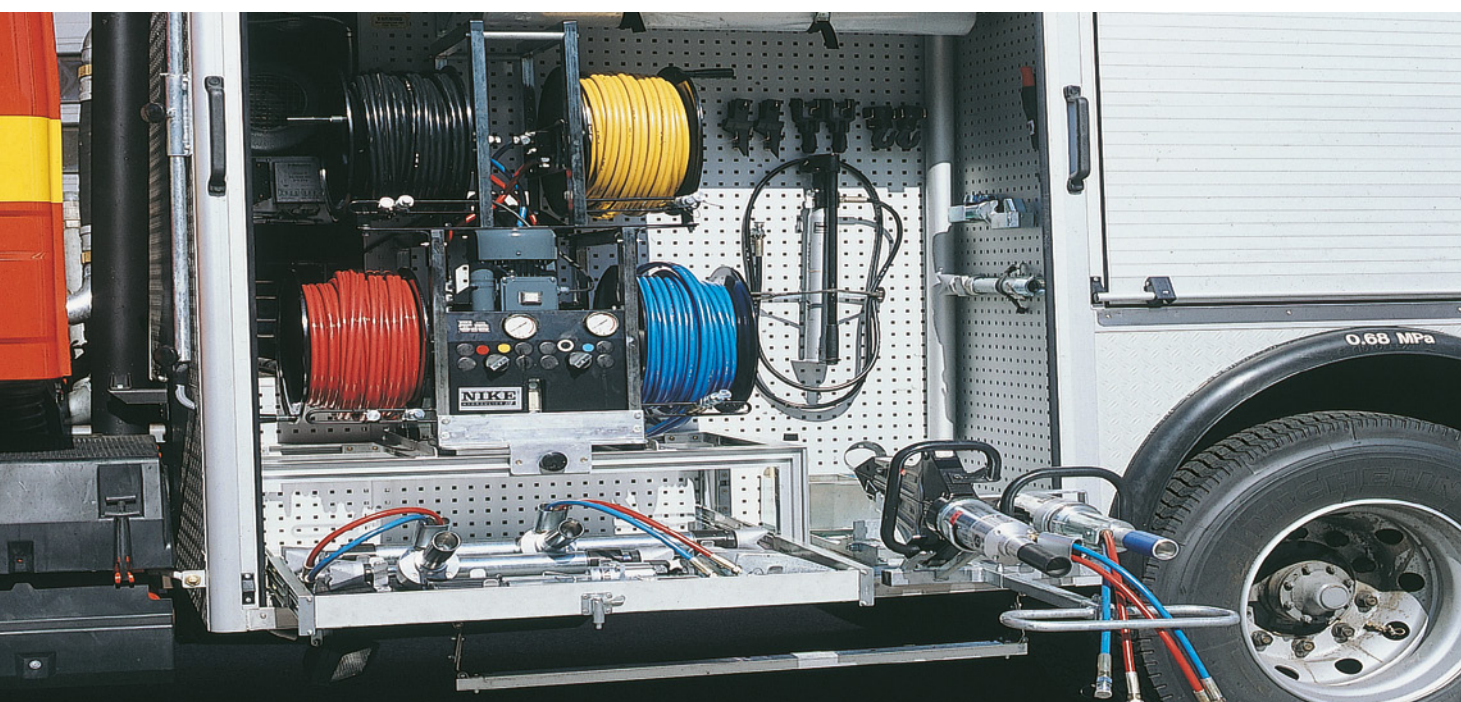
The cutting performance of the hydraulic cutting tool PC75 is to cut thru SS1914-04 steel with a hardness of 170 HB and diameter of 18mm.

Designation	Part number	Max. cutting force kN	Max. opening mm	Connection	Weight kg
PC75-40	38784	76	40	Quick coupling	3.5
PC75-40R	38746	76	40	Swivel coupling	3.5

PC75 - SERIES ACCESSORIES

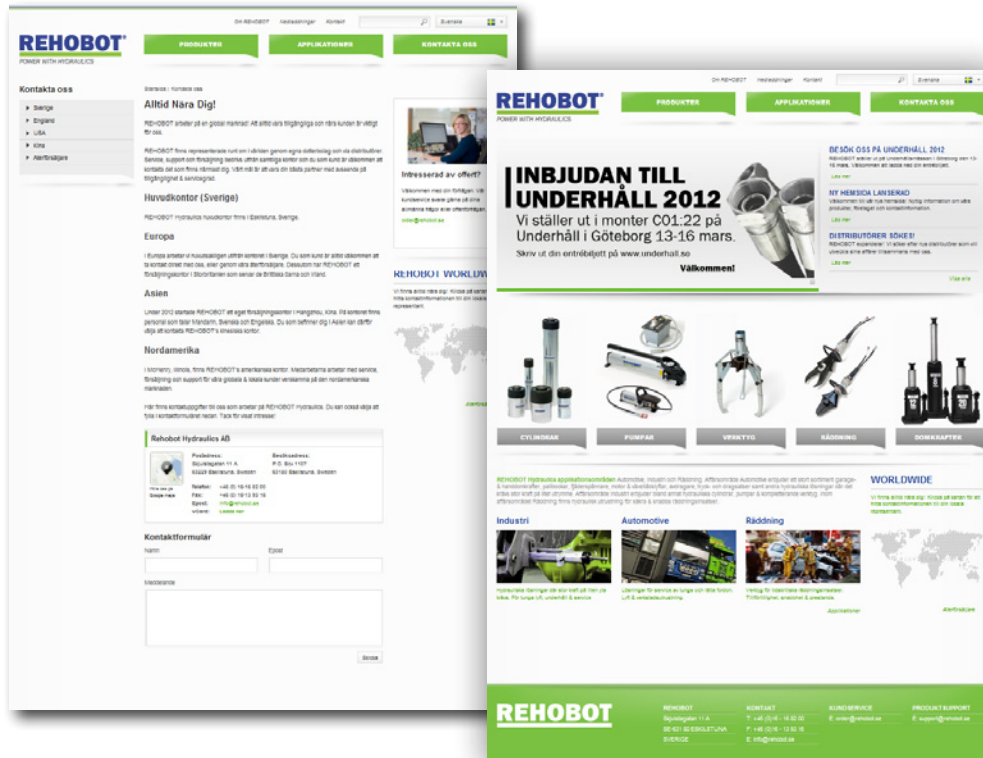
RT40 Set of cutter blades

Complete set of cutting blades with pins for hydraulic cutting tools PC75-40R and



MORE INFORMATION - www.rehobot.se

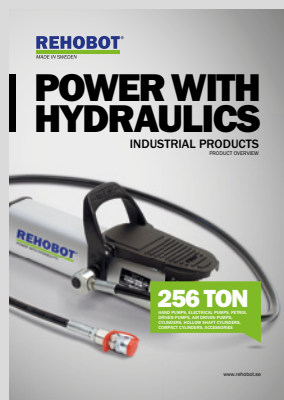
On our website we have gathered important information about our cylinders and other products from REHOBOT. You can for instance find information about the dimensions of our products, company presentation, accessories, applications and much more. You can also download Quality and environmental certificates, Declaration of Conformation and other related product documents.



OTHER CATALOGUES

More information about the complete product range of REHOBOT Hydraulics are available up on request. Please feel free to contact us to obtain more information.

INDUSTRIAL PRODUCTS



- Hand pumps
- Air hydraulic pumps
- Petrol driven pumps
- Aluminium cylinders
- Push cylinders
- Hollow cylinders
- Compact cylinders

LIFTING SYSTEMS



- Bottle jacks
- Axle stands
- Lifting systems
- Fork lift jacks
- Trolley jacks
- Bottle jacks
- Transmission jacks



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 LTD (China)

4F2 HengLi Building No. 5
HuangLong Rd Xihu District
Hangzhou, 310013 P.R.C
T: +86 571 871 06 106
F: +86 571 872 06 109
info@rehobot.cn

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.se

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"

Visit our website

Keep updated by visiting REHOBOT on the Internet. On our site you find the latest information about our products, contact information to your local REHOBOT - dealer, dates for future exhibitions, catalogues for download & much more.

www.rehobot.se