

# Holmatro Spider range





#### About **Holmatro**

For nearly half a century, Holmatro has been developing, producing and testing high-pressure hydraulic equipment for industrial, rescue and special tactics applications. Based on the needs of users, our products are known for their high quality and innovative technology. Holmatro sells and services these products through offices in various countries and an extensive dealer network.

When it comes to Holmatro rescue equipment, our highly experienced engineers translate innovative ideas into lighter, more powerful solutions for fire and rescue departments as well as special tactics teams. The result is a full range of high-quality tools that enable you to work efficiently under pressure. With Holmatro it's safer, easier and quicker to save lives.

Holmatro products are made in the Netherlands and the USA at our state-of-the-art production facilities. Innovation, quality and service are at the heart of our company philosophy. Thanks to an extensive range of services including maintenance and training, our products last for years. That's why they're the tools of choice for rescue workers throughout the world. Once you use them, you'll use them for life.



### **Holmatro Spider range**

The Holmatro Spider range is the latest innovation in hydraulic pump performance. Enabling faster tool operation in the most commonly used working pressure range, its revolutionary 3-stage pump technology makes your rescue operations much quicker. This is achieved by a higher flow in the pumps' second stage.

The Spider pumps are available in 4 different models with various features and options to meet your personal requirements. All models are equipped with a robust, eye-catching frame for protection against hard knocks and falls.

**You can  
count on us,  
for life.**

## A natural evolution in pumps. More speed, more ergonomics, more extras...

### SR 10

Super compact petrol pumps for single tool operation

#### 3-stage pump technology



- Much higher flow/speed in 2nd stage for quicker rescue operations
- Lower flow/speed in 3rd stage for more tool control

#### Compact and lightweight



- Standard version weighs only 14.5 kg
- Ergonomic, compact design
- Easy to carry
- Easy to store

#### Soft-grip carrying handle



- Better grip
- Ergonomic design for improved carrying balance
- Pump easier to carry

#### Large hydraulic oil capacity



- Pump can be used with any tool including the biggest rams

#### Hydraulic oil level indicator



- For quick and easy monitoring of oil level from the outside of the pump





**CORE technology**



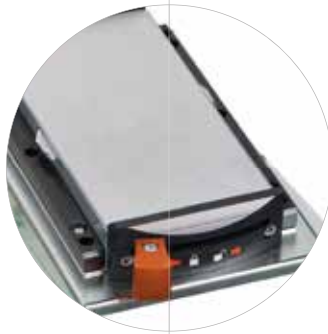
- Single hose, single coupler system
- For safer, faster and easier use of tools



**LED lighting (optional)**



- Easy to locate pump in the dark
- Facilitates coupling and uncoupling of hoses in the dark



**Quick Fix & Release Bracket (optional)**



- For quick and easy access to pump in rescue vehicle
- Saves time during rescue operations
- Saves space in rescue vehicle
- Less physical strain on rescuers when pulling out and putting back the pump



**Dual hose connection (optional)**



- For traditional dual hose systems
- With pivoting couplers for easy storage (no couplers sticking out)

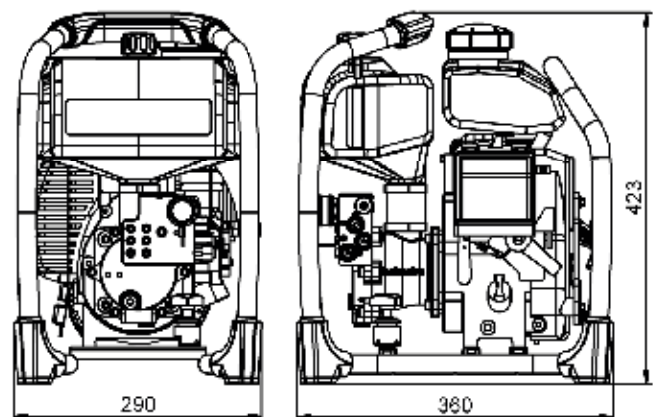


**Holmatro Spider range pumps - SR 10**
**Motor pumps- Super Compact**
**Petrol**

specifications		SR 10 PC 1	SR 10 PT 1
equipped with		CORE	dual hoses
article number		150.152.690	150.152.692
EN 13204 classification <sup>1)</sup>		STO	
number of tool connections		1	
working pressure	bar / Mpa	720 / 72	
engine <sup>2)</sup>		4-stroke petrol - 2.1 HP - 1.6 kW	
capacity fuel tank	cc	770	
continuous operation	hours	3	
pump type		3-stage axial	
capacity oil tank	cc	2840	
effective oil capacity	cc	2500	
output 1st stage (0 - 150 bar)	cc / min	3450	
output 2nd stage (150 - 280 bar)	cc / min	1500	
output 3rd stage (280 - 720 bar)	cc / min	650	
weight, ready for use <sup>3)</sup>	kg	14.5	14.9
dimensions (L x W x H)	mm	360 x 290 x 423	
sound emission at 1 m <sup>4)</sup>	dB(A)	82	
sound emission (unloaded)	dB(A)	79	
temperature range		-20°C - +55°C	
hydraulic oil level indication		✓	
engine oil level sensor		✓	

<sup>1)</sup>STO = Single Tool Operation | <sup>2)</sup> according to SAE J1349 | <sup>3)</sup> inclusive hydraulic and engine oil, fuel and coupler | <sup>4)</sup> sound level with one tool at max. pressure at 1 m distance according to EN 13204

Certified according to EN 13204. Certification conducted by UL.


**Accessories SR 10 pumps**

	art.nr.
LED lights unit	590.000.343
Mounting plate pump side for Quick Fix & Release Bracket. To mount pump on bracket.	150.062.189
Quick Fix & Release Bracket*. To secure pump in rescue vehicle, for quick and easy access to pump.	150.062.188
Angled mounting plate truck side for Quick Fix & Release Bracket. To mount bracket under an angle. For less physical strain on rescuers when pulling out/putting back the pump.	150.062.193

\* Delivered with fastening material.

## A natural evolution in pumps. More power, more speed, more extras...

### SR 20

Compact petrol and electric pumps for single and simultaneous multiple tool operation

#### 3-stage pump technology



- Much higher flow/speed in 2nd stage for quicker rescue operations
- Lower flow/speed in 3rd stage for more tool control

#### Compact and lightweight



- Standard version weighs only 22.7 kg
- Ergonomic, compact design
- Easy to carry
- Easy to store

#### Soft-grip carrying handle



- Better grip
- Ergonomic design for improved carrying balance
- Pump easier to carry

#### Large hydraulic oil capacity



- Pump can be used with any tool including the biggest rams (STO models)
- Enough oil to operate any two rescue tools at the same time (MTO models)

#### Hydraulic oil level indicator



- For quick and easy monitoring of oil level from the outside of the pump







**CORE technology**



- Single hose, single coupler system
- For safer, faster and easier use of tools



**LED lighting (optional)**



- Easy to locate pump in the dark
- Facilitates coupling and uncoupling of hoses in the dark



**Quick Fix & Release Bracket (optional)**



- For quick and easy access to pump in rescue vehicle
- Saves time during rescue operations
- Saves space in rescue vehicle
- Less physical strain on rescuers when pulling out and putting back the pump



**Dual hose connection (optional)**



- For traditional dual hose systems
- With pivoting couplers for easy storage (no couplers sticking out)



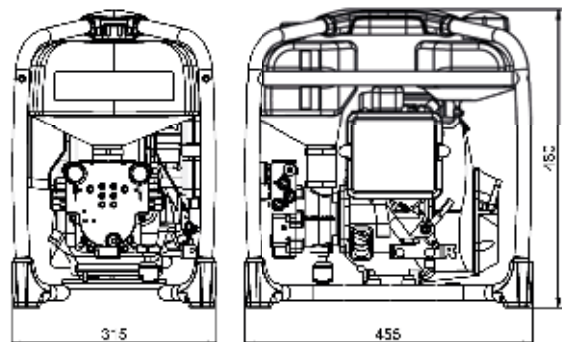
**Holmatro Spider range pumps - SR 20**


Motor pumps - Compact		Petrol		Electric	
		SR 20 PC 2	SR 20 PT 2	SR 20 DC 1	SR 20 DT 1
specifications					
equipped with		CORE	dual hoses	CORE	dual hoses
article number		150.152.696	150.152.698	150.152.699	150.152.700
EN 13204 classification <sup>1)</sup>		MTO		STO	
number of tool connections		2 (simultaneous operation)		1	
working pressure	bar / Mpa	720 / 72		720 / 72	
engine <sup>2)</sup> / motor		4-stroke petrol - 3.0 HP - 2.2 kW <sup>2)</sup>		1.1 kW - 230V- 50Hz - 1Ph	
capacity fuel tank	cc	1700		--	
continuous operation	hours	4		--	
pump type		3-stage axial		3-stage axial	
capacity oil tank	cc	4340		4340	
effective oil capacity	cc	4000		4000	
output 1st stage (0 - 150 bar)	cc / min	2 x 2800		3000	
output 2nd stage (150 - 280 bar)	cc / min	2 x 1250		1350	
output 3rd stage (280 - 720 bar)	cc / min	2 x 525		575	
dimensions (L x W x H)	mm	455 x 315 x 460		455 x 315 x 460	
weight, ready for use <sup>3)</sup>	kg	22.7	23.6	24.9	25.4
sound emission at 1 m <sup>4)</sup>	dB(A)	85		75	
sound emission (unloaded)	dB(A)	81		73	
temperature range		-20°C - +55°C		-20°C - +55°C	
hydraulic oil level indication		✓		✓	
<sup>1)</sup> STO = Single Tool Operation, MTO = Multiple Tool Operation   <sup>2)</sup> according to SAE J1349   <sup>3)</sup> inclusive hydraulic and engine oil, fuel and couplers   <sup>4)</sup> sound level with one tool at max. pressure at 1 m distance according to EN 13204 Certified according to EN 13204. Certification conducted by UL.					

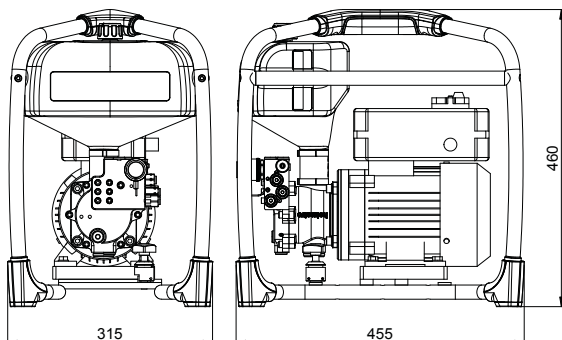
**Accessories SR 20 pumps**


	art.nr.
LED lights unit	590.000.343
Mounting plate pump side for Quick Fix & Release Bracket. To mount pump on bracket.	150.062.190
Quick Fix & Release Bracket*. To secure pump in rescue vehicle, for quick and easy access to pump.	150.062.188
Angled mounting plate truck side for Quick Fix & Release Bracket. To mount bracket under an angle. For less physical strain on rescuers when pulling out/putting back the pump.	150.062.193
* Delivered with fastening material.	

SR 20 P models



SR 20 D models



## A natural evolution in pumps. More speed, more extras...

### SR 30

Petrol and electric powered Compact Rescue Modules  
for simultaneous multiple tool operation

#### 3-stage-pump technology



- Much higher flow/speed in 2nd stage for quicker rescue operations
- Lower flow/speed in 3rd stage for more tool control

#### Large hydraulic oil capacity



- Enough oil to operate any two tools at the same time, including the biggest rams

#### Hydraulic oil level indicator



- For quick and easy monitoring of oil level from the outside of the pump

#### CORE technology



- Single hose, single coupler system
- For safer, faster and easier use of tools





**Complete with hose reels and tool support** ↓

- With 15 m or 20 m hose reels
- With universal support for cutters, spreaders and combi tools



**Foldable carrying handles** ↓

- For easy carrying
- Foldable for easy storage



**LED lighting (optional accessory)** ↓

- Easy to locate pump in the dark



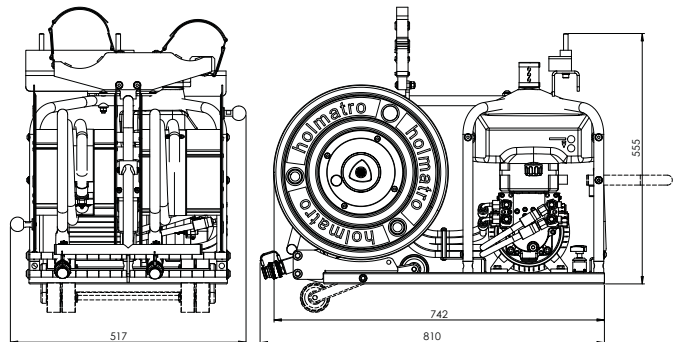
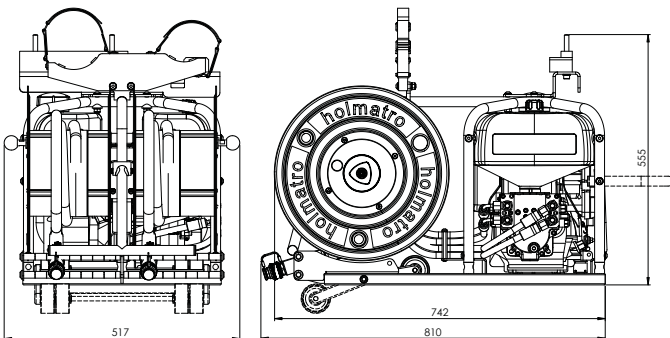
**Foldable wheels set (optional)** ↓

- For fast and easy transportation



SR 31/32 P models

SR 31/32 D models



**Holmatro Spider range pumps - SR 30**

<b>Motor pumps - Compact Rescue Module</b>		<b>Petrol</b>		<b>Electric</b>	
		<b>SR 31 PC 2</b>	<b>SR 32 PC 2</b>	<b>SR 31 DC 2</b>	<b>SR 32 DC 2</b>
equipped with		CORE		CORE	
article number		150.152.703	150.152.707	150.152.711	150.152.713
EN 13204 classification <sup>1)</sup>		MTO		MTO	
number of tool connections		2 (simultaneous operation)		2 (simultaneous operation)	
working pressure	bar / Mpa	720 / 72		720 / 72	
engine <sup>2)</sup> / motor		4-stroke petrol - 3.0 HP - 2.2 kW <sup>2)</sup>		1.8 kW - 230V- 50Hz - 1Ph	
capacity fuel tank	cc	1700		--	
continuous operation	hours	3		--	
pump type		3-stage axial		3-stage axial	
capacity oil tank	cc	4340		4340	
effective oil capacity	cc	4000		4000	
output 1st stage (0 - 150 bar)	cc / min	2 x 2800		2 x 3000	
output 2nd stage (150 - 280 bar)	cc / min	2 x 1250		2 x 1350	
output 3rd stage (280 - 720 bar)	cc / min	2 x 525		2 x 575	
dimensions (L x W x H)	mm	742 x 517 x 555		742 x 517 x 555	
length of hoses	m	15	20	15	20
weight, ready for use <sup>3)</sup>	kg	64.5	69.4	72.7	77.6
sound emission at 1 m <sup>4)</sup>	dB(A)	85		77	
sound emission (unloaded)	dB(A)	81		73	
temperature range		-20°C - +55°C		-20°C - +55°C	
hydraulic oil level indication		✓		✓	

All SR 30 pumps standard delivered with 2 hose reels, foldable carrying handles and tool support for cutter, spreader and combi tool.

<sup>1)</sup> MTO = Multiple Tool Operation | <sup>2)</sup> according to SAE J1349 | <sup>3)</sup> inclusive hydraulic and engine oil, fuel and couplers | <sup>4)</sup> sound level with one tool at max. pressure at 1 m distance according to EN 13204

Certified according to EN 13204. Certification conducted by UL.

<b>Motor pumps - Compact Rescue Module</b>		<b>Petrol</b>		<b>Electric</b>	
		<b>SR 31 PC 2 W *</b>	<b>SR 32 PC 2 W *</b>	<b>SR 31 DC 2 W *</b>	<b>SR 32 DC 2 W *</b>
model					
article number		150.152.705	150.152.709	150.152.712	150.152.714
length of hoses	m	15	20	15	20
weight, ready for use <sup>3)</sup>	kg	66.1	71.0	74.3	79.2

\* W = with foldable wheels set. For further technical details see main table under petrol or under electric.

**Accessories SR 30 pumps**

	<b>art.nr.</b>
LED lights unit	590.000.343

## A natural evolution in pumps. More speed, more ergonomics, more extras...

### SR 40

Heavy-duty petrol, diesel and electric powered pumps for simultaneous multiple tool operation

#### 3-stage pump technology



- Much higher flow/speed in 2nd stage for quicker rescue operations
- Lower flow/speed in 3rd stage for more tool control

#### Optimal weight / performance ratio



- Standard version weighs 37.3 kg
- Lighter than comparable heavy duty pumps

#### Soft-grip carrying handle



- Better grip
- Ergonomic design for improved carrying balance
- Pump easier to carry

#### Large hydraulic oil capacity



- Enough oil to operate any two tools at the same time and multiple tools successively, including the biggest rams







**Hydraulic oil level indicator on pump**



- Integrated dip stick for quick and easy monitoring of oil level



**CORE technology**



- Single hose, single coupler system
- For safer, faster and easier use of tools



**LED lighting (optional)**



- Easy to locate pump in the dark
- Facilitates coupling and uncoupling of hoses in the dark



**Other options**



- 15 m or 20 m hose reels
- Dual hose connection for traditional dual hose systems; with pivoting couplers for easy storage (no couplers sticking out)

**Holmatro Spider range pumps - SR 40** ↓

Motor pumps - Heavy Duty		Petrol			Electric		
		SR 40 PC 2	SR 41 PC 2	SR 42 PC 2	SR 40 DC 2	SR 41 DC 2	SR 42 DC 2
equipped with		CORE			CORE		
article number		150.152.715	150.152.718	150.152.721	150.152.724	150.152.726	150.152.728
EN 13204 classification <sup>1)</sup>		MTO			MTO		
number of tool connections		2 (simultaneous operation)			2 (simultaneous operation)		
working pressure	bar / Mpa	720 / 72			720 / 72		
engine <sup>2)</sup> / motor		4-stroke petrol - 5.5 HP - 4.1 kW <sup>2)</sup>			1.8 kW - 230V - 50Hz - 1Ph		
capacity fuel tank	cc	3100			--		
continuous operation	hours	4			--		
pump type		3-stage axial			3-stage axial		
capacity oil tank	cc	6340			6340		
effective oil capacity	cc	6000			6000		
output 1st stage (0 - 150 bar)	cc / min	2 x 2800			2 x 3000		
output 2nd stage (150 - 280 bar)	cc / min	2 x 1250			2 x 1350		
output 3rd stage (280 - 720 bar)	cc / min	2 x 525			2 x 575		
dimensions (L x W x H)	mm	497 x 467 x 492	497 x 950 x 492		497 x 467 x 492	497 x 950 x 492	
length of hoses	m	--	15	20	--	15	20
weight, ready for use <sup>3)</sup>	kg	37.3	64.0	68.9	41.0	67.7	72.6
sound emission at 1 m <sup>4)</sup>	dB(A)	85			77		
sound emission (unloaded)	dB(A)	84			73		
temperature range		-20°C - +55°C			-20°C - +55°C		
hydraulic oil level indication (dipstick)		✓			✓		
engine oil level sensor		✓			--		

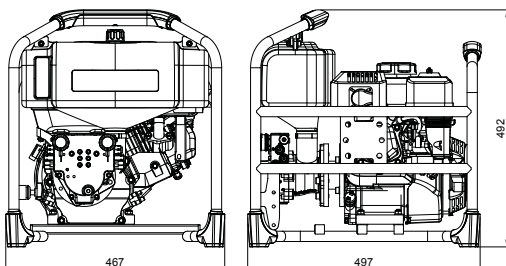
<sup>1)</sup> MTO = Multiple Tool Operation | <sup>2)</sup> according to SAE J1349 | <sup>3)</sup> inclusive hydraulic and engine oil, fuel and couplers | <sup>4)</sup> sound level with one tool at max. pressure at 1 m distance according to EN 13204

Certified according to EN 13204. Certification conducted by UL.

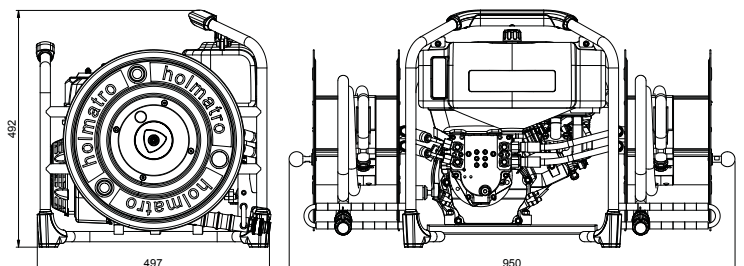
model	art.nr	equipped with	motor	length hose - m	weight - kg	dimensions - mm
<b>SR 40 PT 2</b>	150.152.717	dual hoses	petrol	--	38.1	497 x 467 x 492
<b>SR 41 PT 2</b>	150.152.720	dual hoses	petrol	15	73.4	497 x 950 x 492
<b>SR 42 PT 2</b>	150.152.723	dual hoses	petrol	20	81.4	497 x 950 x 492
<b>SR 40 DT 2</b>	150.152.725	dual hoses	electric	--	41.9	497 x 467 x 492
<b>SR 41 DT 2</b>	150.152.727	dual hoses	electric	15	77.1	497 x 950 x 492
<b>SR 42 DT 2</b>	150.152.729	dual hoses	electric	20	85.1	497 x 950 x 492

For further technical details see main table under petrol or under electric.

SR 40 P models



SR 41/42 P models



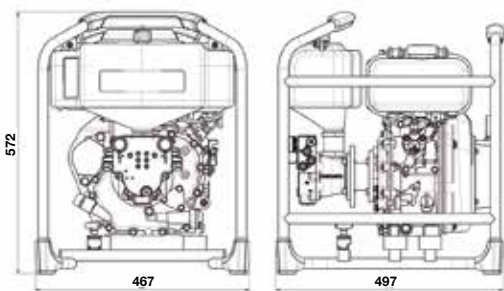
**Holmatro Spider range pumps - SR 40**



<b>Motor pumps - Heavy Duty</b>		<b>Diesel</b>	
		<b>SR 40 YC</b>	<b>SR 40 YT</b>
specifications		CORE	dual hoses
equipped with			
article number		150.152.737	150.152.738
number of tool connections		2 (simultaneous operation)	
working pressure	bar / Mpa	720 / 72	
engine <sup>1)</sup> / motor		4-stroke diesel - 4.2 HP - 3.1 kW <sup>1)</sup>	
capacity fuel tank	cc	2400	
continuous operation	hours	4	
pump type		3-stage axial	
capacity oil tank	cc	6340	
effective oil capacity	cc	6000	
output 1st stage (0 - 150 bar)	cc / min	2 x 3000	
output 2nd stage (150 - 280 bar)	cc / min	2 x 1350	
output 3rd stage (280 - 720 bar)	cc / min	2 x 575	
dimensions (L x W x H)	mm	497 x 467 x 572	
weight, ready for use <sup>2)</sup>	kg	47.0	47.8
sound emission at 1 m <sup>3)</sup>	dB(A)	103	
sound emission (unloaded)	dB(A)	83	
temperature range		0°C - +55°C	
hydraulic oil level indication (dipstick)		✓	

<sup>1)</sup> according to SAE J1349 | <sup>2)</sup> nclusive hydraulic and engine oil, fuel and couplers | <sup>3)</sup> sound level with one tool at max. pressure at 1 m distance according to EN 13204

SR 40 Y models



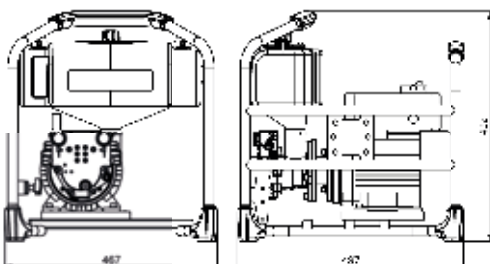
**Accessories SR 40 pumps**

LED lights unit

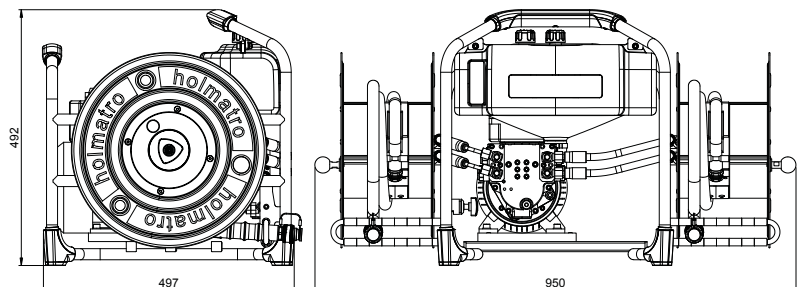
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SR 40 D models

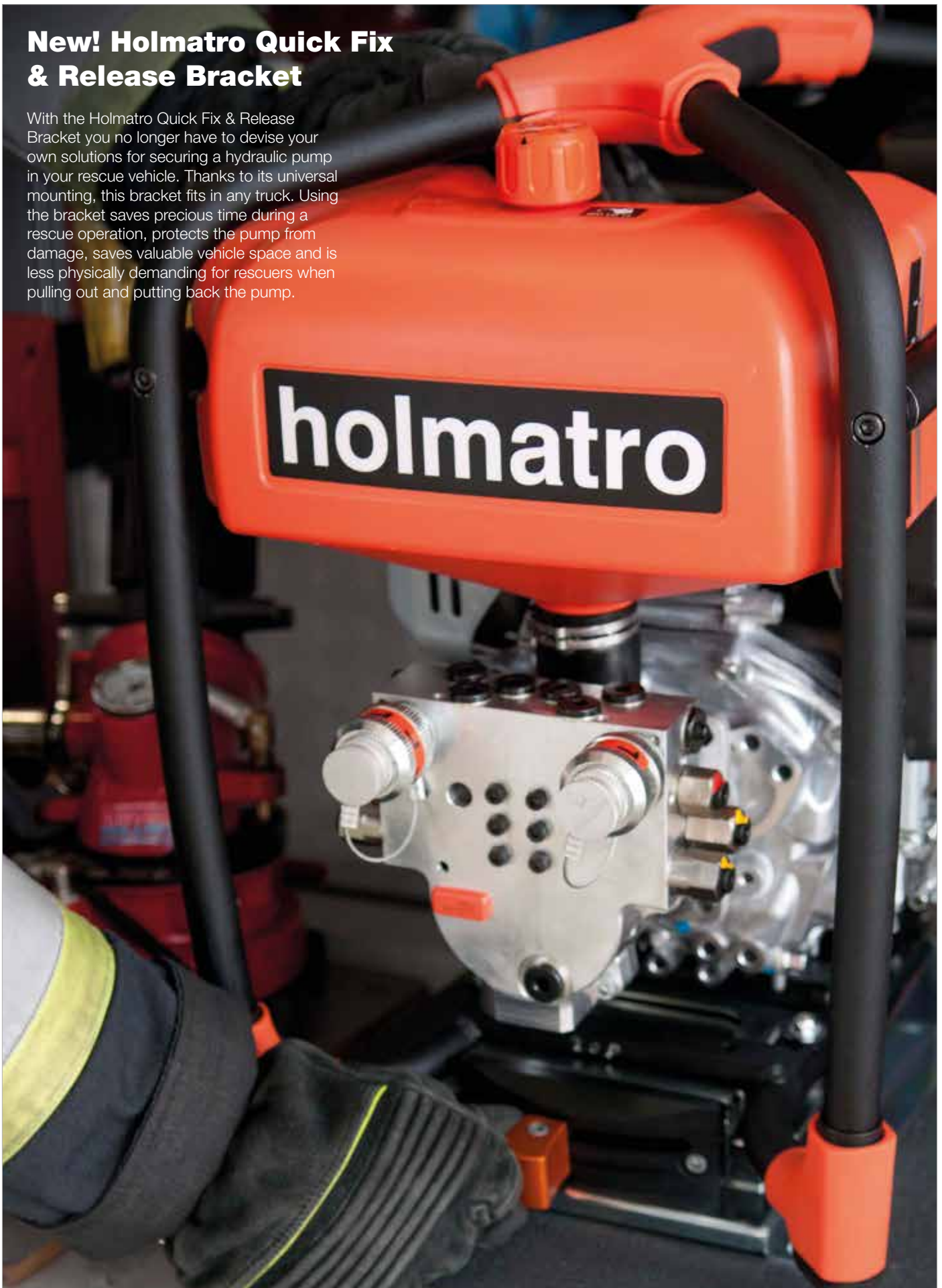


SR 41/42 D models



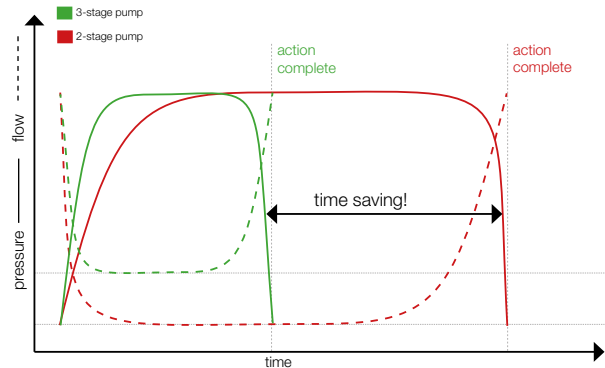
## New! Holmatro Quick Fix & Release Bracket

With the Holmatro Quick Fix & Release Bracket you no longer have to devise your own solutions for securing a hydraulic pump in your rescue vehicle. Thanks to its universal mounting, this bracket fits in any truck. Using the bracket saves precious time during a rescue operation, protects the pump from damage, saves valuable vehicle space and is less physically demanding for rescuers when pulling out and putting back the pump.

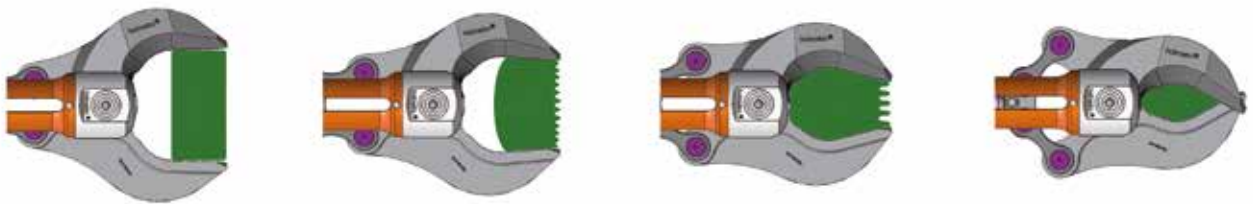


## 3-stage pump technology for faster operation and greater control

Every Spider pump incorporates 3-stage pump technology. This innovative system delivers higher flow in the second stage enabling you to cut through the B-pillar of an older model car in half the time it takes a 2-stage pump. The third stage delivers lower flow at higher pressure allowing you to cut through hard, reinforced pillars in a controlled way. The result is faster tool operation and more control when you need it.



**Cutting typical B-pillar of older model car with Holmatro NCT™ II cutter connected to Spider range 3-stage pump.**

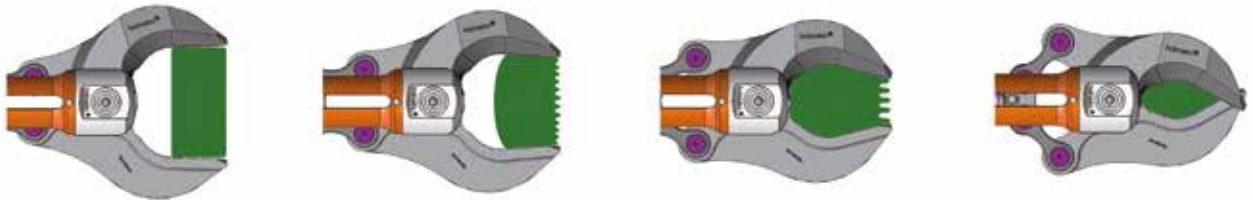


**1st stage** ➔

**2nd stage** ➔

Cut completed at the highest possible flow / speed in the 1st and 2nd stage.

**Cutting reinforced B-pillar of new model car with Holmatro NCT™ II cutter connected to a Spider range 3-stage pump.**

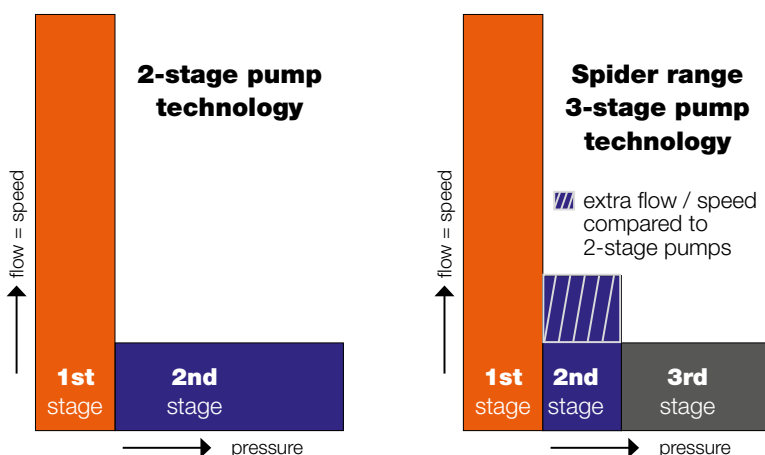


**1st stage** ➔

**2nd stage** ➔

**3rd stage** ➔

Relatively high flow / speed retained in 2nd stage to cut material quickly. Lower flow / speed in 3rd stage to break material in a controlled manner. Pump only switches to 3rd stage with extremely hard, reinforced pillars.






**Spider range features at a glance**


Features	SR 10	SR 20	SR 30	SR 40
<b>Standard</b>				
CORE technology	✓	✓	✓	✓
Soft-grip carrying handle	✓	✓	✗	✓
Lightweight	✓	✓	✗	✓/✗
Large hydraulic oil capacity	✓	✓	✓	✓
3-stage-pump technology	✓	✓	✓	✓
Hydraulic oil level indicator	✓	✓	✓	✓
Single tool operation (STO)	✓	✓	✗	✗
Multiple tool operation (MTO)	✗	✓	✓	✓
Petrol engine	✓	✓	✓	✓
Electric motor	✗	✓	✓	✓
Diesel engine	✗	✗	✗	✓
Tool support	✗	✗	✓ standard	✗
<b>Optional</b>				
Hose reels	✗	✗	✓ standard	✓
Foldable wheels set	✗	✗	✓	✗
LED lighting	✓	✓	✓	✓
Dual hose connection	✓	✓	✗	✓
Quick Fix & Release Bracket	✓	✓	✗	✗



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