

Rescue Support & Stabilization

STREAMLINE
TECHNOLOGY

QuickStrut™

The Quickstrut safely supports vehicles involved in an accident, whatever their position. The struts are positioned diagonally at an angle of between 25 and 50 degrees. The car body is fastened to the ratchet strap with a hook. When the strap is tightened, the claws of the swivelling top plate press into the car's bodywork. The base plate affixes itself to the ground and can be additionally secured using pins.

Extending and retracting the strut is very easy; simply push the release lever. The length can also be manually adjusted. An integrated winch enables additional fine aligning.

Features & Benefits

- Easy handling: the robust design simplifies work, even under the most adverse external conditions. Mud, soil, sand and water don't affect the functionality of the system.
- Maintenance free: it doesn't require any regular maintenance. It just needs to be freed of any external debris after each use.



Specifications

Lifting force of one support (up to)	2,205 lbs. (1000 kg)
Maximum belt tension (up to)	2,205 lbs. (1000 kg)
Dimensions: l x w x h	52 x 8.3 x 8.7 in. (1340 x 210 x 220 mm)
Weight	75 lbs. (34 kg)

Consists of:

- 2 - QuickStruts
- 2 - Adjustment Wrenches
- 1 - Carrying Case

10 x 11 x 54 in. (25.4 x 27.9 x 137.1 cm)
Kit weight 70 lbs. (31.75 kg)

Single Strut: 48"-78" (122-200 cm)
Single Strut: 28 lbs. (12.7 kg)



LRP 3

Rescue platform LRP 3 is made of aluminum for rescue work in elevated positions. The safe, light and stable design with non-slip steps and non-slip platform area are constructed of an aluminum profile. The platform is strong enough to carry three people plus tools (882 lbs.)

Applications

- Rescue work on trucks, buses, trains, aircraft or buildings.

Features & Benefits

- Light and stable aluminum construction
- Foldable ladders and removable railing for minimum storage space
- Railing can be fixed on either side of the platform
- Safe area for rescuers on non-slip profiles
- Ladder feet are extendable on all 4 sides for safe deployment even on uneven ground
- Foldable ladders on both sides
- Platform height can be adjusted from 40 to 60 in. (1000 to 1500 mm)

Specifications

Platform size: w x l	31.5 x 71 in. (800 x 1800 mm)
Platform height*	40 up to 60 in. (1000 up to 1500 mm)
Foot extension on 4 sides	8 in. (200 mm)
To equalize uneven ground	Adjustable in steps of 2 in. (50 mm)
Maximum load	882 lbs. (400 kg)
Maximum load per step	331 lbs. (150 kg)
Storage dimensions: l x w x h	81 x 42.5 x 9 in. (2050 x 1080 x 220 mm)
Weight (approx)	108 lbs. (49 kg)

* Adjustable in step distance

LSS - Support System

The HURST Support System allows for safe stabilizing of vehicles and supporting of lifted loads during rescue operations. This prevents further movement of the vehicle during the rescue.

Features & Benefits

- Blocks and wedges can be stacked
- Blocks lock and provide a stable stack
- Slip-resistant
- Non-absorbent - resist oil, acids and conventional solvents
- Environmentally friendly: made of recycled plastics (Polyethylen)
- Solid, long lifetime, will not crack or splinter
- Load bearing capacity: 1,700 PSI (110 kg/cm²)



Step Chock + Support Block



Set 1

Consists of:

2 blocks	9 x 9 x 1 in.	(230 x 230 x 25 mm)
2 blocks	9 x 9 x 2 in.	(230 x 230 x 50 mm)
2 blocks	9 x 9 x 3 in.	(230 x 230 x 75 mm)
2 wedges	9 x 3 x 3.1 in.	(230 x 75 x 80 mm)
2 wedges	9 x 6 x 3.1 in.	(230 x 150 x 80 mm)

Total weight: 27.5 lbs. (12.5 kg)

Set 2 (not shown)

Consists of:

4 blocks	9 x 9 x 1 in.	(230 x 230 x 25 mm)
4 blocks	9 x 9 x 2 in.	(230 x 230 x 50 mm)
4 blocks	9 x 9 x 3 in.	(230 x 230 x 75 mm)
4 wedges	9 x 3 x 3.1 in.	(230 x 75 x 80 mm)
4 wedges	9 x 6 x 3.1 in.	(230 x 150 x 80 mm)

Total weight: 55 lbs. (25 kg)

Step chock

Consists of:

Step chock	27 x 5.9 x 10.8 in.	(690 x 150 x 276 mm)
Keg	9 x 6 x 4.7 in.	230 x 150 x 120 mm)

Total weight: 18 lbs. (8.2 kg)



Support Block

Size: l x w x h 27 x 9 x 3 in. (690 x 230 x 75 mm)
Total weight: 14.8 lbs. (6.7 kg)



Rescue Lifting & Stabilization

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H1 & H2

With the HURST lifting sets H 1 and H 2 all types of lifting and stabilization work can be carried out quickly and safely. The cylinders are made of strong yet light-weight metal.



H 1



H 2

Components/Specifications	H1	H2
Hand pump with connection hose	2x	1x
Cylinders	2x LKZ 15/150 2x LKZ 15/50	2x LKZ 15/150
Two-way distributor valve with 2 x 16 ft. (5 m hose)	1x	1x
Base plates	2x	2x
Base lifters/V-adapters	2x	2x
Extensions	2x	2x
Storage case	2x	1x
Dimensions: l x w x h	23.6 x 15.7 x 8.7 in. (600 x 400 x 220 mm)	
Total weight: lbs/kN	117.8 / 53.4	78.3 / 35.5
Lifting force: lbs/kN	33,800 / 150	33,800 / 150

MSM-2D

One power unit, two applications—lifting and rescuing with hydraulic power

In a number of rescue situations loads have to be lifted prior or parallel to the application of cutter, spreader or rescue ram (e. g. when subway coaches, trucks or buses are involved in an accident.)

Operation of lifting jacks:

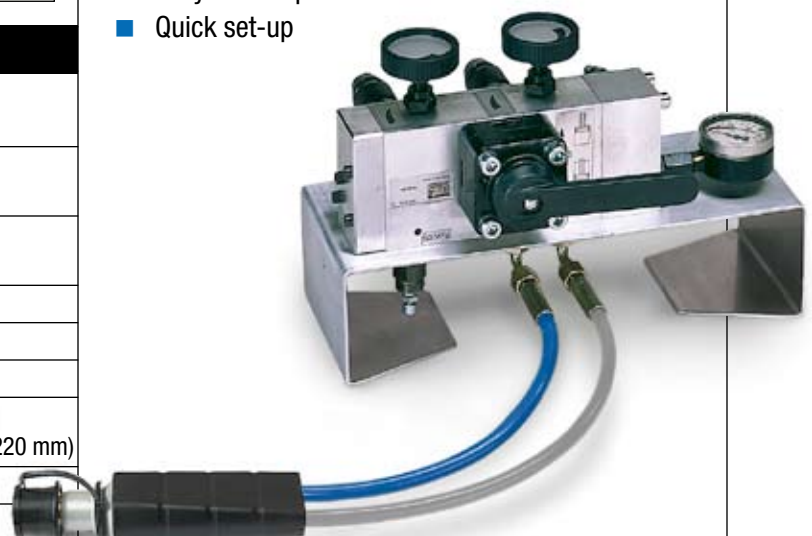
Once the mobile field manifold is connected with the power unit, two HURST telescopic jacks with a capacity of 25 tons each can additionally be operated.

Operation of rescue tools:

On the second hose pair a rescue tool can be connected. A TRIMO power unit allows to connect another rescue tool.

Features & Benefits

- Easy to operate
- Weighs less than 20 lbs.
- Compact size
- Easy to transport
- Quick set-up



MSM-2D Mobile Selection Manifold

The HURST field manifold reduces:

- Purchase & maintenance costs
- Transport & personnel expenditure
- Set-up times



Telescopic Cylinders

HURST Telescopic Cylinders are made of a strong yet light-weight metal alloy and are corrosion resistant. With their superior design, they combine an extremely long piston stroke with a short retracted length. Telescopic Cylinders require more oil than rescue tools. For operation of two HP 25/T 450 R cylinders a P 640 series motor pump is a must.

Prior to the operation of Telescopic Cylinders each motor pump should be topped up to the maximum possible of hydraulic oil level.

Cylinder Specifications	HP 10 / T 280 R	HP 25 / T 185 R	HP 25 / T450 R
Total stroke	11 in. (278 mm)	7 in. (179 mm)	17.7 in. (450 mm)
Stroke	piston 1 3.6 in. (90 mm) piston 2 3.7 in. (94 mm) piston 3 3.7 in. (94 mm)	3.6 in. (90 mm) 3.5 in. (89 mm)	8.8 in. (223 mm) 8.9 in. (227 mm)
Lifting force	piston 1 141,624 lbs. (630 kN) piston 2 65,192 lbs. (290 kN) piston 3 22,480 lbs. (100 kN)	141,624 lbs. (630 kN) 65,192 lbs. (290 kN)	141,624 lbs. (630 kN) 56,200 lbs. (250 kN)
Height	retracted 8.7 in. (220 mm)	8.7 in. (220 mm)	15.2 in. (385 mm)
Oil requirement	85.4 cu. in. (1.4l)	79.3 cu. in. (1.3l)	170.9 cu. in. (2.8l)
Weight	29.8 lbs. (13.5 kg)	30.8 lbs. (14 kg)	51.8 lbs. (23.5 kg)

Stacking Sets

If there is only space for short-stroke cylinders below a jacking point, the total lifting height can be increased with Stacking Sets by up to 5.9 inches. The increase of the lifting height results from the amount and heights of the Piston Plates and Stacking Rings.

Stacking Set for HP 10/T and 25T consists of:
 4 Stacking Rings - 2 in. (50 mm)
 3 Piston Plates - 2 in. (50 mm)
 1 Piston Guard - 0.7 in. (17 mm)
 1 Fork Lever
 5.9 in. (150 mm) max. extension of stroke
 Total weight: 18.5 lbs. (8.4 kg)



Hydraulic Hoses

Special hose sets with an integrated "quick-stop" safety coupling to sustain a lifted load even in case of hose rupture.



Base Plates

Base Plates increase the cylinder base for more stability. We recommend base plates with all lifting operations.
 Weight: 23.9 lbs. (10.8 kg)

