

StabiLift Automatic Heavy Duty (HD)



One complete set of short or long Automatic Heavy Duty consists of:

- lifting device
- lifting bow
- foot
- lifting hook, short 6kg, long 6,5 kg
- 4 spikes
- lever 1,0 meter
- round foot
- round top
- safety belt

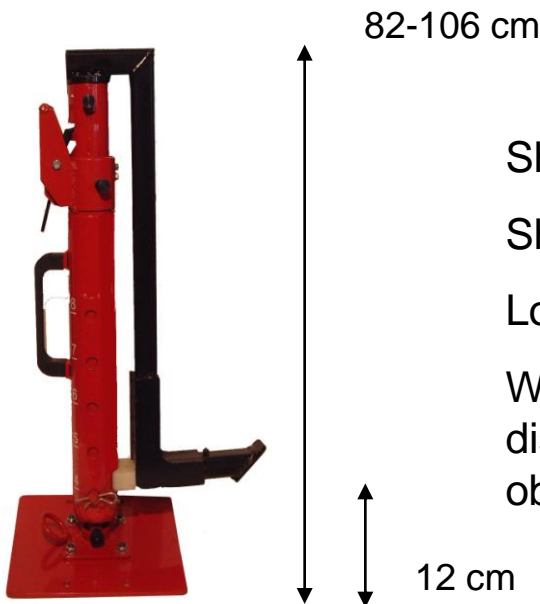
Weight: with foot and bow, 17 and 22 kg
CE- marked

Lift capacity:

The struts have been tested with 16 000 kp full length with standard bottenpipe fully extended and with 13 000 kp with the long bottenextension fully extended.

Lifting hooks have been tested with 7 000 kp with the pin in the hole no 4 and with the top extension 350 mm out.

The lifting hooks have been tested with 5 000 kp with the top extension and bottom extension fully extended. Safety factor 2:1 divide the numbers with two.



Shortest length:

Short strut 82 cm

Long strut 106 cm.

When the lifting hook is mounted, the distance between the ground and the object to be lifted 12 cm.



The bottom extension can be extended by 5 holes short strut and 8 holes long strut á 75 mm between the holes. That means the bottom extension can extend the short tool 300 mm and the long tool 600 mm.

The top extension that comes out automatically with the help of a gasspring will extend the tool 250 alt 500 mm. This will give the tool a working range from 800 mm to 1 050 mm alt 1 050 – 1 550 mm.

If both the bottom extension and top extension are used, the working range will be 800 -1 350 mm alt 1 050 – 2 075 mm.

StabiLift Automatic HD has a gasspring mounted in the pipe which will push out the top extension 250 mm alt. 500 mm with a pressure of 35 kp. The tool is equipped with a automatic locking system which stops the tool from going back when the gasspring extends it. With help of a level it's possible to lift a load or lower the tool when it's under load.

To lower the tool when it is under load:

Put the lever in the second free cog, press down the lever, release the back latch and now lower the level. As soon as the back latch is on the top of the next cog take the hand away from it and continue to lower the tool until the back latch stops it. Then move the lever one cog up and repeat the procedure.



Back latch →



To press down the top extension when it is extended:

Put one hand on the top of the tool. Press in the back latch with the other hand. Now push down the top extension all the way down until the automatic lock clicks in and locks it. (fig. 1)

How to release the top extension:

Press down on the top of the tool. Pull out the lock knob with the other hand. Let the tool out slowly and place the top where to lift. (fig. 2)



fig 1



fig 2

**To lift with the tool
(only when it is under
load):**

Put the level in the first free cog (see picture). Press the level down until the back latch locks in the next cog. Then repeat the procedure.



WARNING!

When the yellow area on the top extension is fully visible, do not lift more with the lever.

The gasspring can be damaged.

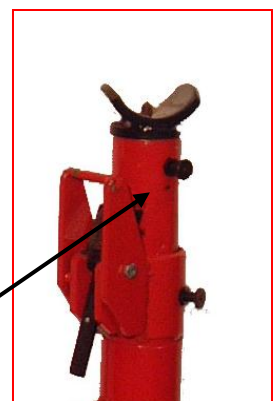


To change the top accessories on the tool:

Pull out the lock knob, lift out the top accessory and put in a new.

Be sure the lock knob is locking properly.

Lock knob



STORAGE:

The tool has to be stored with the top-part higher than the foot. This keeps the oil to the gaskets in the gasspring. The lifetime of the gasspring will then be maximum.



1 250 mm long extension pipe can be used together with both short and long strut



Fast mounting of foot



Wheel lift (not included)

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