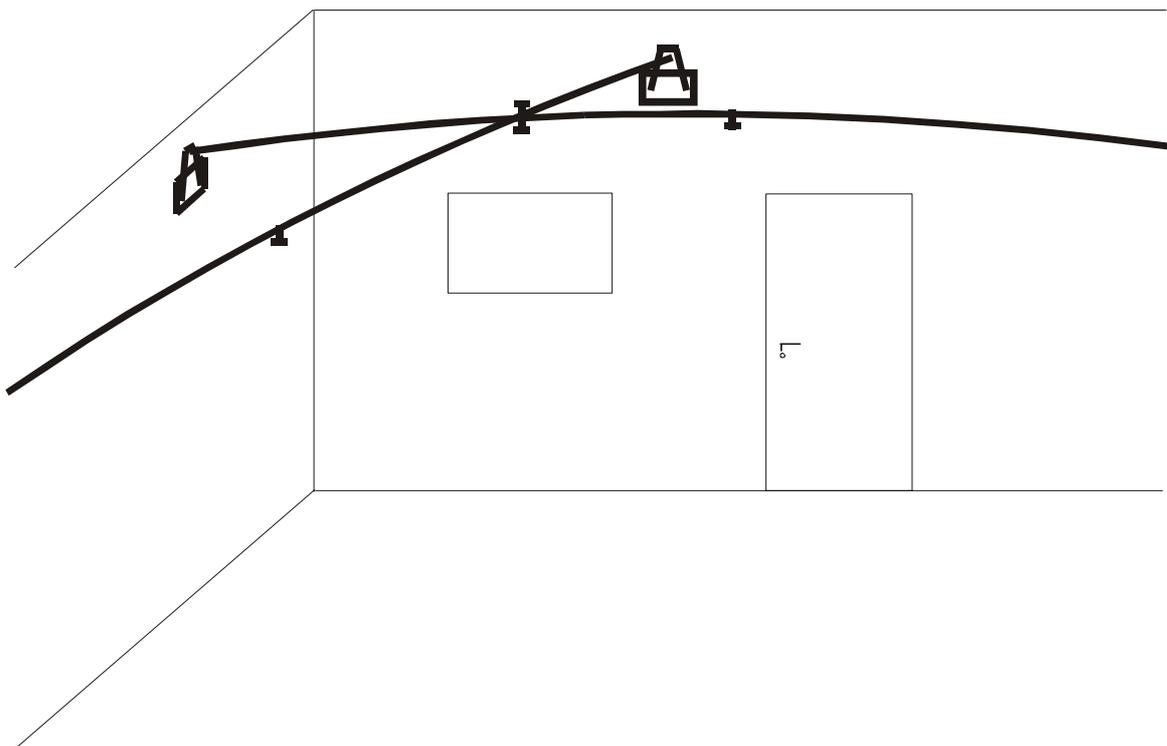




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# Wall Spreader

Instruction Manual



**The Panther Telescopic-Spanning-System**

# **Introduction**

Congratulations to your decision to buy or rent a **Wall Spreader**. We are very pleased that you have chosen a product, which was developed in cooperation with gaffers and grips.

High-quality material and know-how, as well as a clever concept enable your **Wall Spreader** to do a professional job, which you will really enjoy when doing your responsible work at the set.

We hope that you will have a lot of pleasure with your **Wall Spreader**. In order to guarantee the highest security and reliability in our product at the set, please study our instruction manual very carefully!

All the best  
Panther GmbH

## **General instructions**

Only competent persons are allowed to work with the PANTHER Wall Spreader. Panther GmbH offers training work shops which will enable the participants to work with the Wall Spreader. The participants will receive a certificate at the end of this seminar. For more information regarding the actual dates or to book, please contact +49-89-61390001.

Repairs should only be carried out by the manufacturer or persons, who received a special training. Panther GmbH offers service seminars, which can be held according to your desires. Should you be interested, please contact +49-89-61390030 (Panther-Service).

The PANTHER Wall Spreader may only be assembled according to this operating instruction. The instruction manual has to be studied and understood completely. The PANTHER Wall Spreader can only be assembled according to the assembling versions shown in this operating instruction.

Please do not exceed the maximum payload.  
Please check the function, damages and missing parts of the Wall Spreader every day. Damaged or missing components have to be replaced by new ones immediately.

After shooting, especially after use under dirty, dusty, sandy, humid and salty conditions the Wall Spreader has to be thoroughly cleaned and serviced.  
Stop working with the Wall Spreader immediately, even if only a small part is damaged or not mounted the correct way.

**Do only use original PANTHER accessories and spare parts.**

## Principle of its function

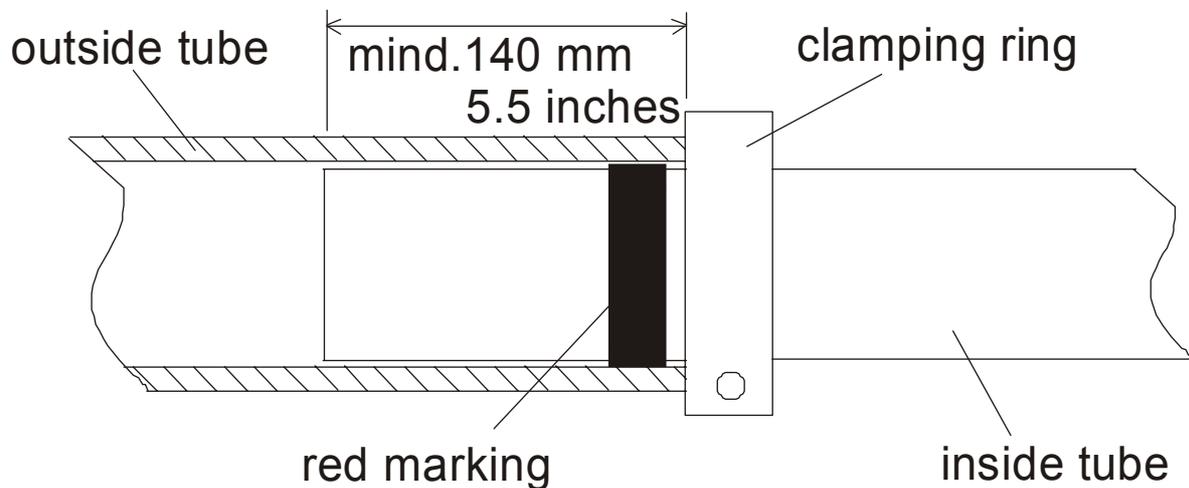
The Wall Spreader is a telescopic spanning system, which is able to withstand heavy loads. By spanning the Wall Spreader between two solid walls, the telescopic poles form an arch. This arch points upwards, allowing it to be able to take considerable loads, similar to a bridge.

### Note

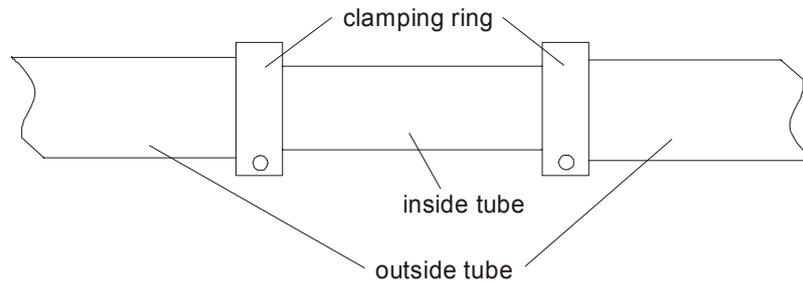
**Before using the Wall Spreader it is essential that the stability and the capacity of the wall or pillar to withstand pressure be tested! The system is not to be used on plaster board, insulating or hollow walls. Only limited use on smooth or slippery surfaces!**

Example: Horizontal installation

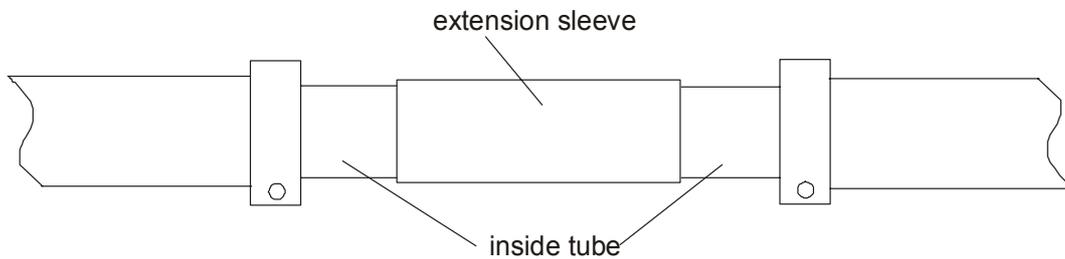
1. Make a rough estimate of the spanning distance and begin assembly on the floor. Be careful while doing, so that objects do not get hit and injury is not caused!
2. Pull out the inside tube to the desired length and place a clamping ring where the inside tube joins to prevent them sliding into one another. (A minimum of 140mm/5.5" should be allowed). The red marking at the end of the inside tube should not be visible as the load capacity of the system is not assured!



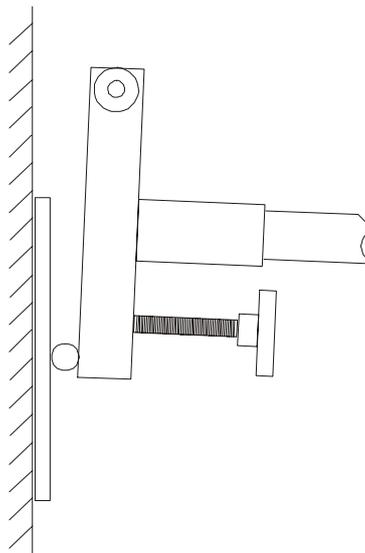
3. Should extra length be required, an outside tube can be fixed onto the pulled out end of the inside tube using a second clamping ring. The red marking should be observed here too!



Another method of spanning across larger distances is using an extension sleeve which joins the inside tubes of two telescopic poles.

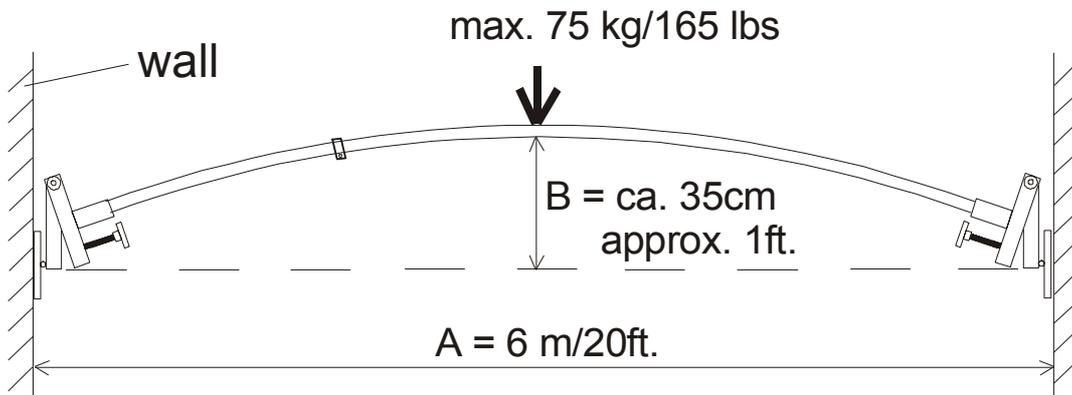


4. The spanning units are now fitted left and right, the pressure plate placed horizontally facing downwards. The two pressure screws have to be unscrewed before assembly.

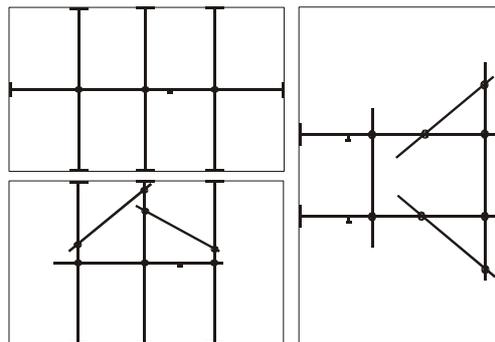


5. Once the entire Wall Spreader System has, with the aid of a helper, been placed at the desired height, pulled out to the required length and the clamping rings tightened, pressure can then be applied to the system. In order to do this, the two straining screws on both sides are tightened equally, thus forming the required arch upwards. **A span A of 10m/33ft. should not be exceeded. Here, an arch with a height of approx. 40-45cm/17'' is prescribed. Placing the load in the middle can increase the load capacity.**

The clamping ring connection must be really tight in order to take a maximum load of 75 kg/165 lbs in the middle of the arch. A span A of 6m/20ft. must not be exceeded in order to reach that payload.

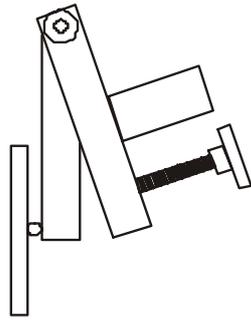


6. The resulting arch on the Wall Spreader has to be braced. The struts are arranged using the double clamping ring. To support the struts on the wall, buffers are attached to the ends of the tubes. To be able to attach the struts free from play, the rubber buffers are unscrewed. Should a double clamping ring be placed on the thinner inside tube, the plastic sleeves have to be used to make up the difference in diameter.



**TIP:** When attaching heavy loads onto the system, it is recommended that 2 clamping rings are attached one immediately after the other.

**Attention** For human it is not allowed to hang up on or to stay below that spanning systems!



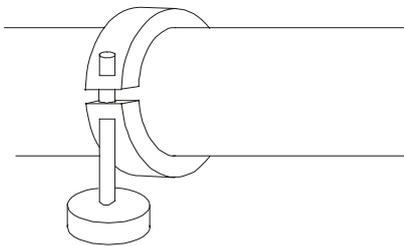
The tightening element is positioned on the wall without using any means of fixing it.

Tightening the two clamping bolts bends the poles upwards to form an arch.

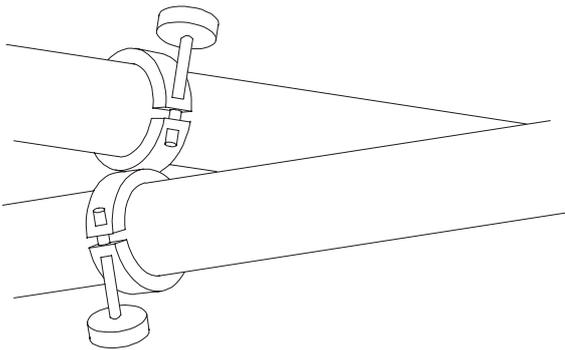


Each telescopic poles consists of two aluminium tubes fitted one inside the other.

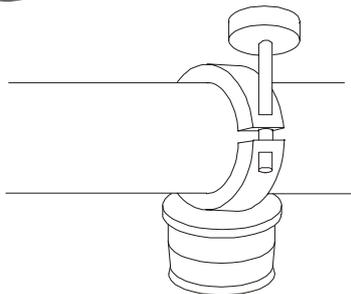
They can be extended by slipping on other poles.



The clamping ring is positioned without tightening it. When tightened, the ring prevents the inside pole from sliding when the telescopic poles are arched.



The double clamping ring joins two poles which can cross at any given angle and which are supporting each other at the side.



The clamping ring with the euroadapter can be combined with Panther accessories (e.g. bowl adapter).

Complete set existing of:

2 pc. telescopic pole	1,40 – 2,50 m
2 pc. telescopic pole	2,15 – 4,00 m
2 pc. telescopic pole	3,15 – 6,00 m
8 pc. tightening element	
6 pc. clamping ring	

4 pc. double clamping ring
4 pc. plastic tube
2 pc. extension-tube
4 pc. buffer
1 pc. clamping ring with euroadapter