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# LADDER PLATFORM M.P.S. PLATFORM

## instruction



2 x 3,0 m - DM 20230  
2 x 3,5 m - DM 20235  
2 x 4,0 m - DM 20240

3 x 3,0 m - DM 20330  
3 x 3,5 m - DM 20335  
3 x 4,0 m - DM 20340

**MPS PLATFORM** consist of:

- .ladder made of fiber glass,
- .two independent supports
- .two supports connected with ladder
- .fall arrest system.

The best for works on transformers, isolators, with switches and at lines.

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## ADAPTATION

MPS Platform can be used as:

Independent ladder platform  
(ex. instead of the elevator)

or

ladder system  
(based on the stable construction)



Apply in difficult situations where the possibility of using standard anchorage points are limited or prevented, such as:

building walls

Transformer station



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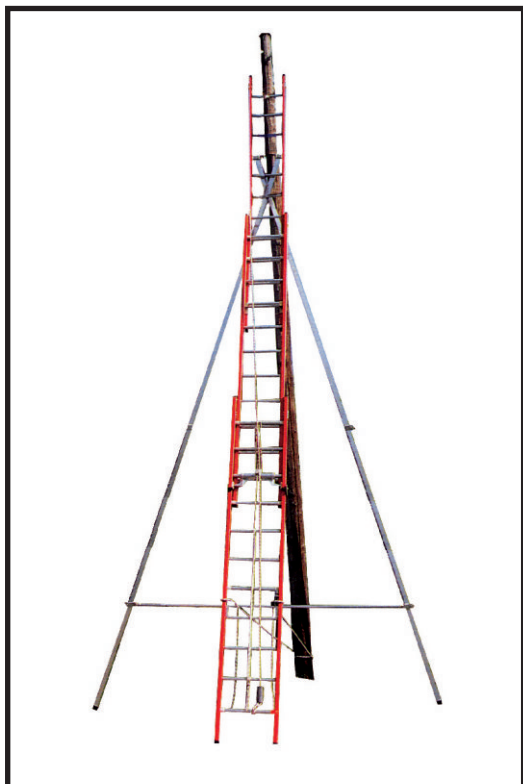


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Poles



Difficult to access constructions



roofs



and others

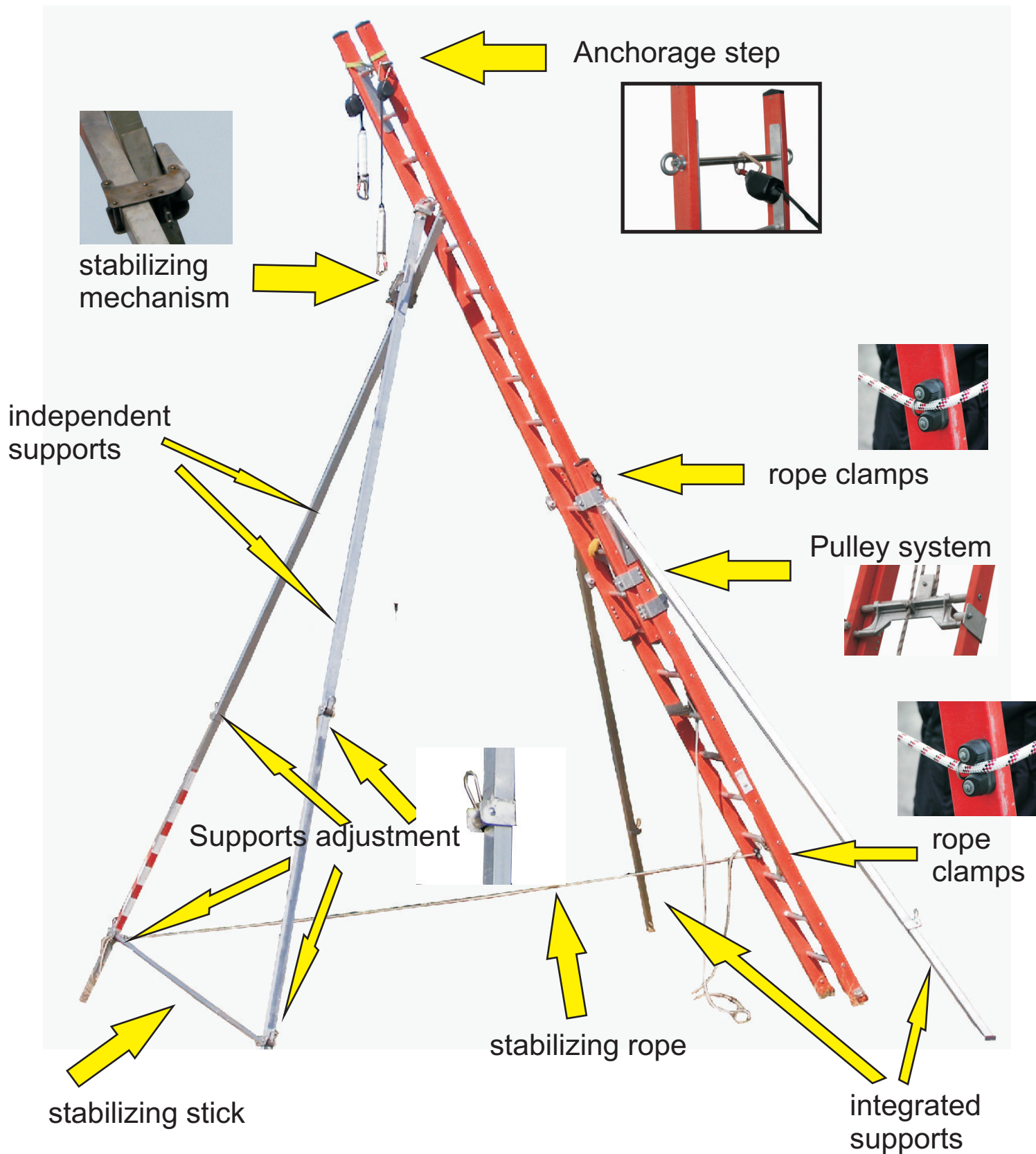


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## **PROTECTION**

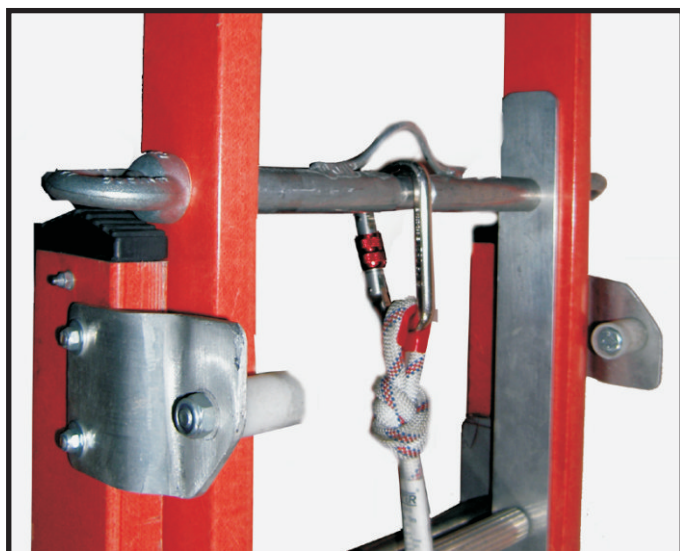
**against falls from heights**

You can protect against falls from a height using anchorage step, which is located at the top of the ladder, therefore, the fall arrest device have to be put on before unfolding the ladder

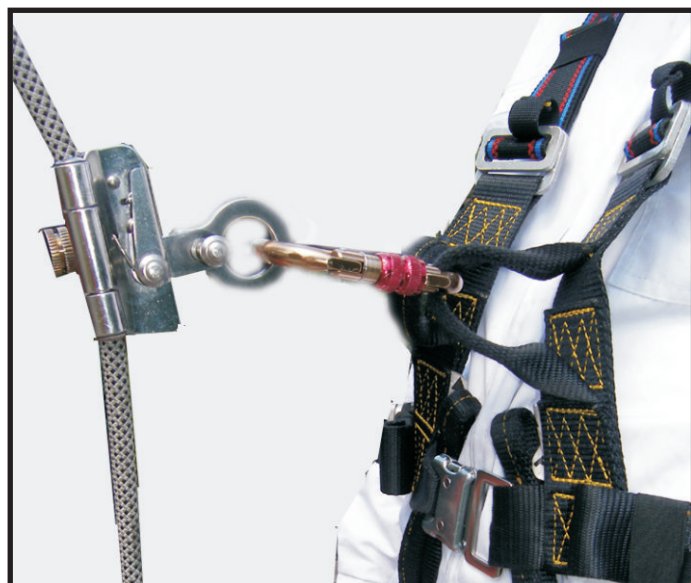


You can use the retractable equipment  
**SMART-STOP**

or

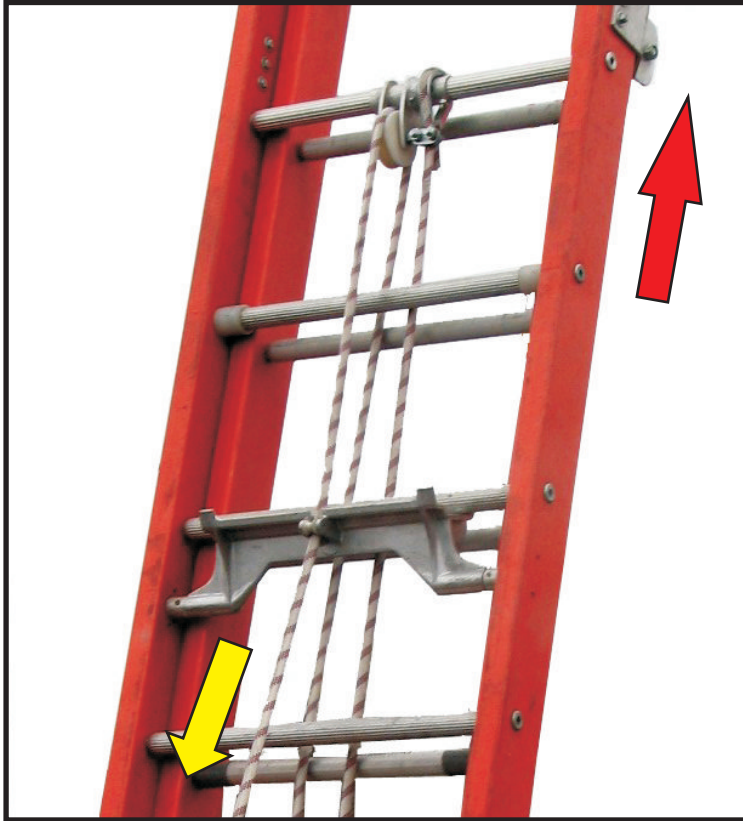


rope and fall arrester  
**SMART-RUN**



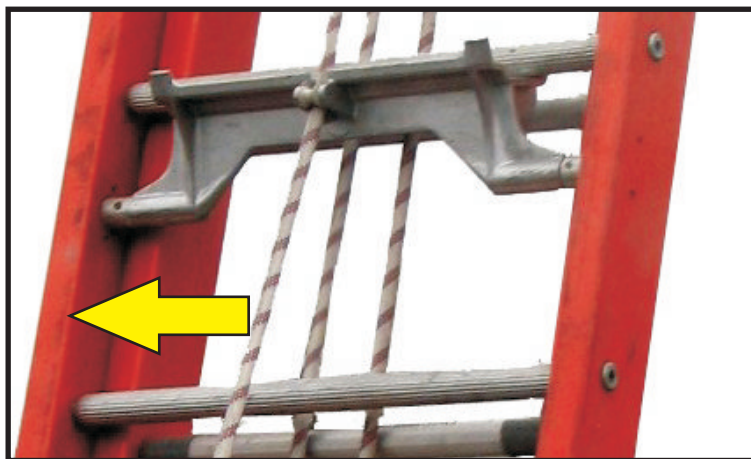
## ADJUSTMENT OF LENGHT

### PULLEY SYSTEM

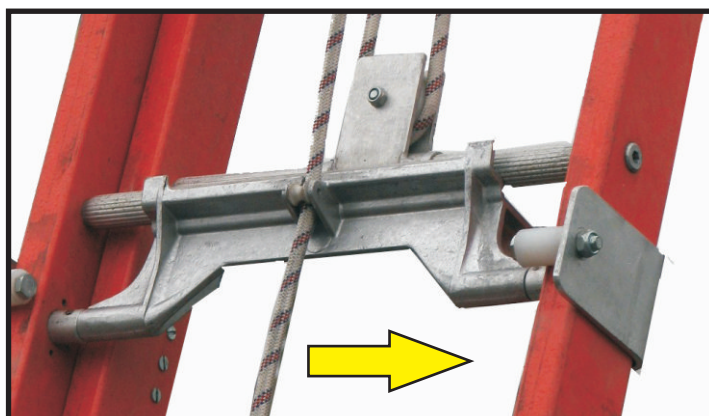


Thanks to Pulley system we can adjust length of the ladder in very easy way

We can extend second element by pulling the rope



Blockade open



We block second element by placing a rope closer to ladder

Blockade closed

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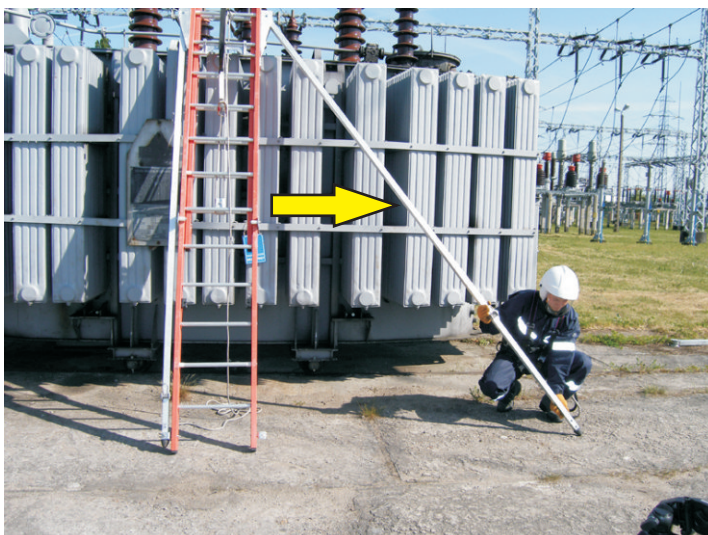
## UNFOLDING LADDER SYSTEM



After putting on fall arrest equipment on anchorage step we have to base the ladder on stable construction. If we want to use anchorage step outside the ladder we have to unfold ladder so high as it is possible.

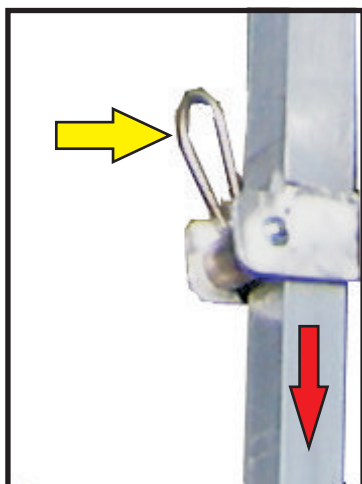


After removing the cotters  
You can unfold the integrated supports



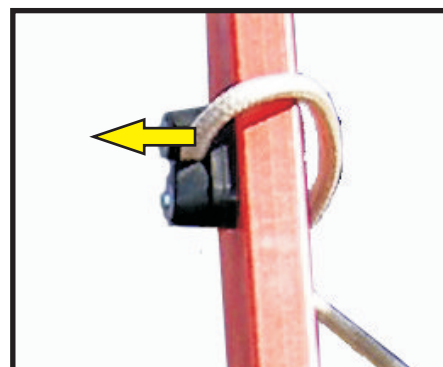
We have to spread out Supports  
so as to the angle between the  
support and the ladder  
is not less than  $45^\circ$





Supports are adjusted by pressing the clamp and draw out the second element of the support

Use clamps for rope to stabilize ladder by connecting it on the bottom of the transformer components or other permanent fixtures



Unlocking the rope is carried out by drawing a line out from the clamp

With such a stable ladder user can go up the ladder



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If you want to use an anchorage step as anchorage point out side the ladder you have to stabilize the ladder on the bottom and on the second level, also using clamps



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When the anchorage step is used by one person, then he anchors the mid-point fixing



When the anchorage step is used by two people, then They anchors the right and left side points fixing

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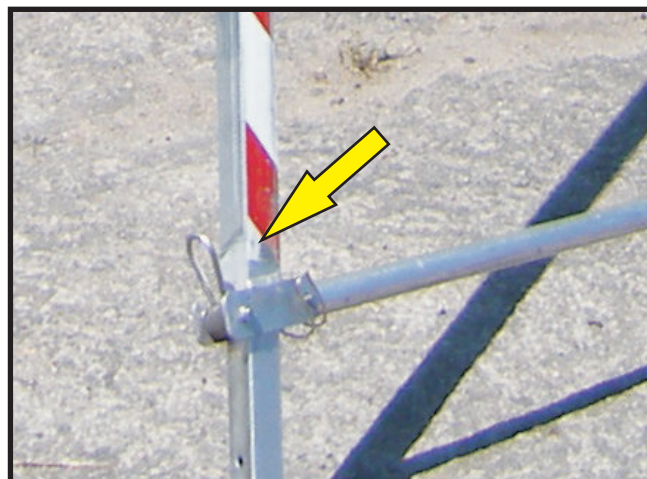


## UNFOLDING LADDER PLATFORM

1. First, pull out the last element so as to allow the fixing an independent support on 3 or 4 step from the top of the ladder (see page 6).
2. After pull out the last element of the ladder, supports should be set up at the step in such a way to be crossed and fit the profile of the ladder (See picture)



Each support is rotated in one direction (Right or left) in this way the support must be adjusted to the ladder profile bearing in mind that the regulatory mechanism support must be outside platform (see picture)



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It is recommended to fix a support without a lock first, and then underneath support with the blockade mechanism

1



2



It is recommended to fix up supports on the ladder when it is a slightly bent forward, because as we unfold the ladder it leans forward (Red arrow).

**ATTENTION:** When we unfolding and folding ladders belong apply the principle: of evenly adjustment of ladders and supports!  
Due to not let ladder fall backwards or forwards!!!

3. After putting the supports we tighten them together by the stabilizing mechanism and by stabilizing stick



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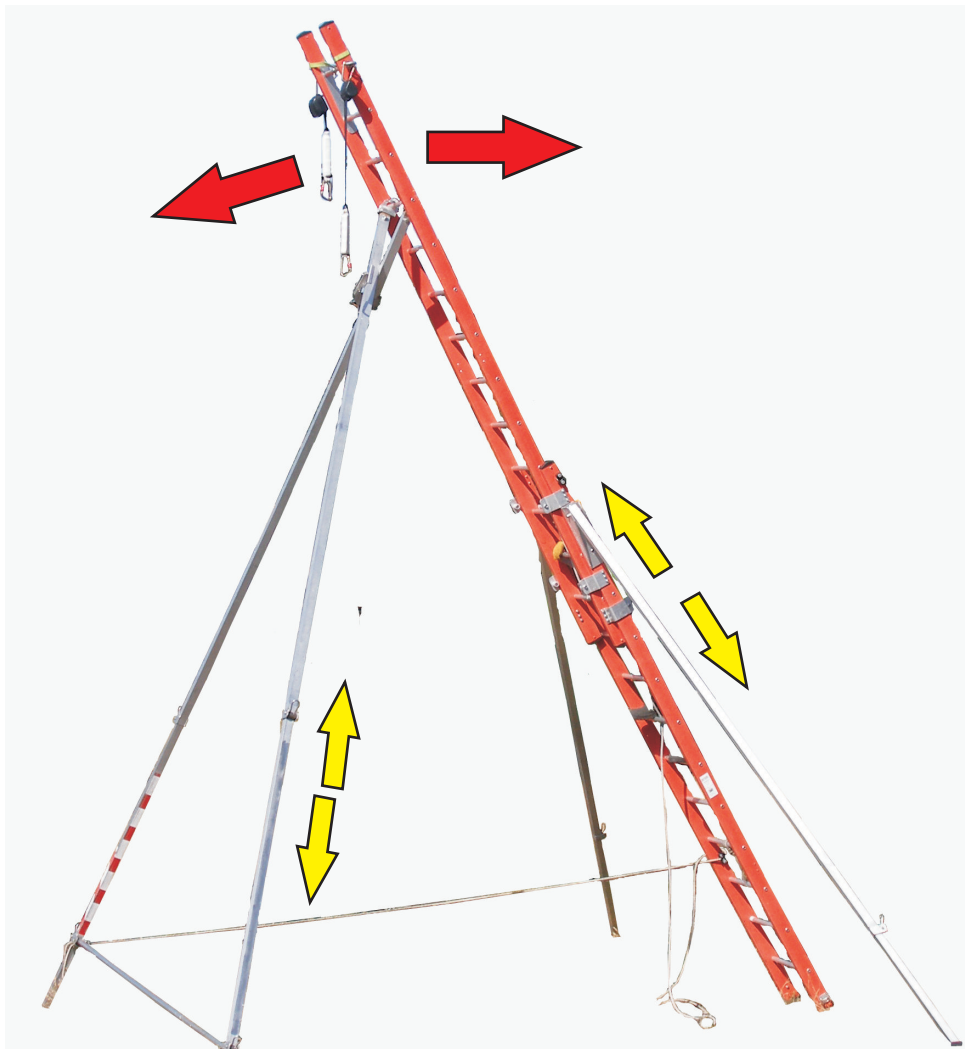


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4. After setting the ladder must be stabilized by using a rope clamps and stabilizing stick (see pages 8-9)



**WARNING!:** During unfolding and folding ladder principle should be applied to evenly adjust ladders and supports! Due to not let ladder fall backwards or forwards!!! You have to adjust ladders and supports (yellow arrow) with control the slope of the ladder relative to the ground (red arrows)

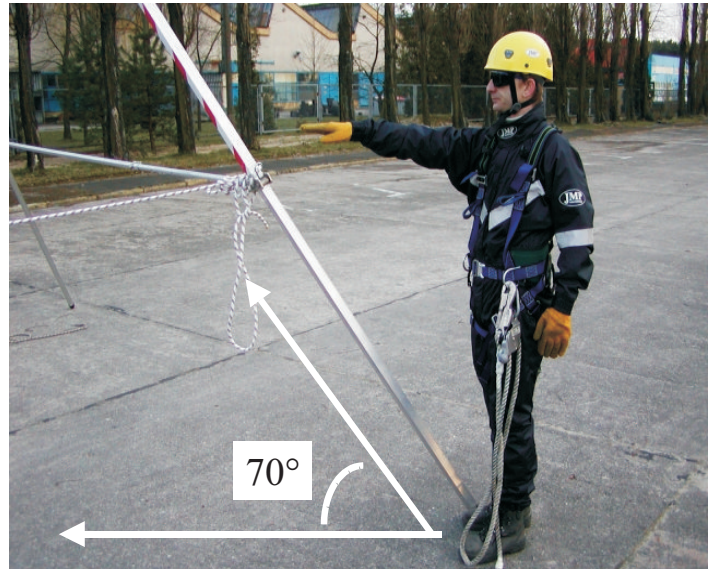


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Best when a ladder and supports are inclined relative to the ground into about 70 degrees. This can easily be checked by putting hand on ladder standing near (see pictures)



**ATTENTION:** Fall Protection equipment have to be put on before unfolding the ladder SEE PAGE 5  
With the height of work for more than 5 m should be used rope and fall arrest equipment SMART-RUN



After some training, time of unfolding or folding should take about 10 minutes

**We wish you a pleasant and safe work**  
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