

CHOOSE THE RIGHT PRODUCT

in **[4]** steps



[1] Choose a suitable ergonomic concept

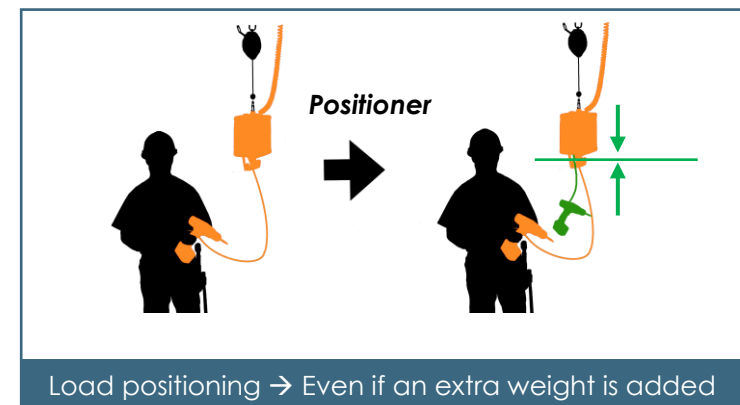
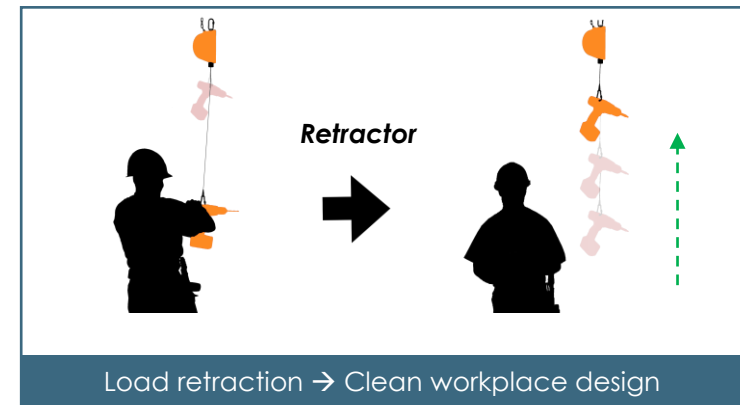
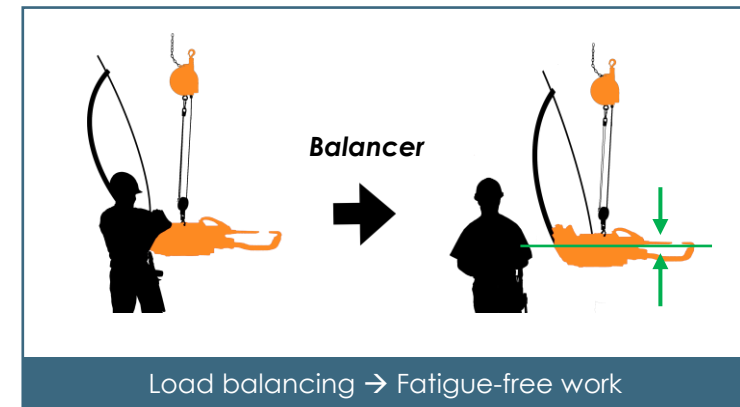
Think about which ergonomic concept will bring you the desired benefit. A [Balancer](#) is suitable for neutralizing loads – it balances loads for smooth operations at a desired height. A [Retractor](#) always returns the attached load to its initial position. The [Positioner](#) is especially useful for light-duty applications. It holds loads in a desired position, even if you are suspending an extra load like plug in second a power tool.

Watch our Balancer vs Retractor vs Positioner Video:



Note:

Some balancers and retractors are also available with an [arresting system](#), that also ensures that loads can be positioned in pre-defined heights.



[2] Think about your work environment

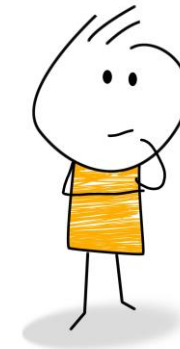
Every industry has different requirements for equipment. So think in advance, where the balancer or retractor should be used. Then match it with the specific requirements in your work environment.

Some examples:

- [Rust-free edition](#) for humid working environments (rust proof materials)
- [ATEX balancer](#) for work environments in which explosive atmospheres can occur (ATEX Zones)
- [Hose balancer](#) for working with pneumatic tools (integrated air hose)
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Note:

The right equipped product also supports a longer service life and therefore protects your investment.



[3] Choose the right load range

Make sure, that the load of your application (e.g. a tool) **must always be within the load range** of the respective balancer, retractor or positioner.

Balancer example:

- Weight of application (p.e. welding gun) = 35 kg
- The Balancer has to cover 35 kg
- Suitable Balancer = Type 7241 0800 03 with a load range of 30-45 kg

Caution:

If the wrong load range is selected, a balancer or retractor won't be able to function properly and it's very likely that the ergonomics at workplace will even get worse than before. In the worst case, endusers can be injured because the balancer or retractor cannot hold the attached load or, the load is been retracted with a high speed which causes damage to the balancer/retractor or even your suspended application.

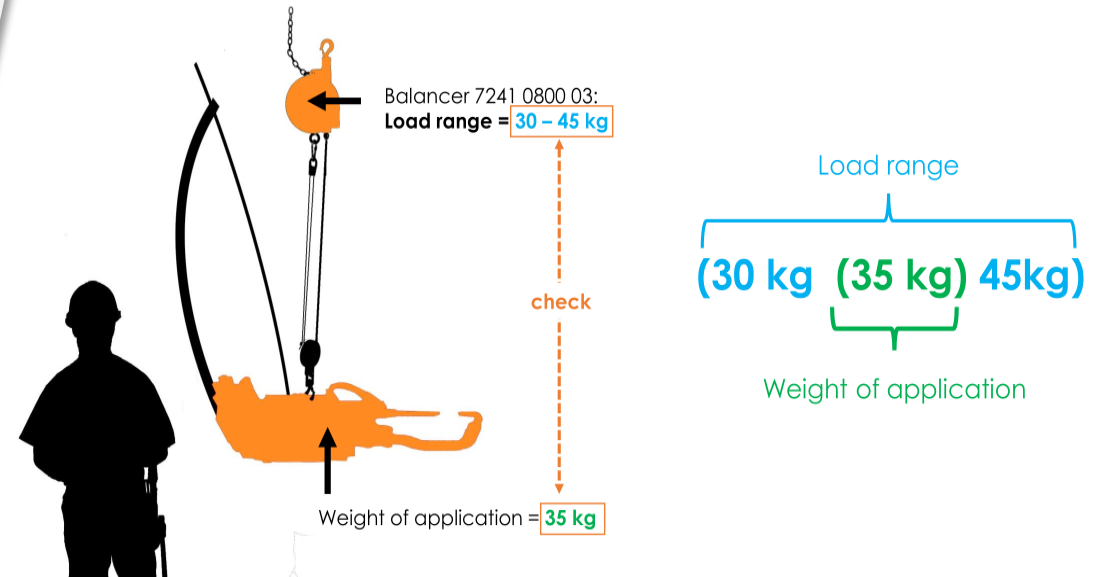
Overview – Load range (capacity):

Balancers..... 0,4 - 300 kg

Retractors..... 0 – 14 kg

Positioners..... 0,5 - 7 kg

Example:



[4] Choose the right cable travel

Always check the height of the suspension point as well as the product dimension of the respective balancer or retractor at the beginning:

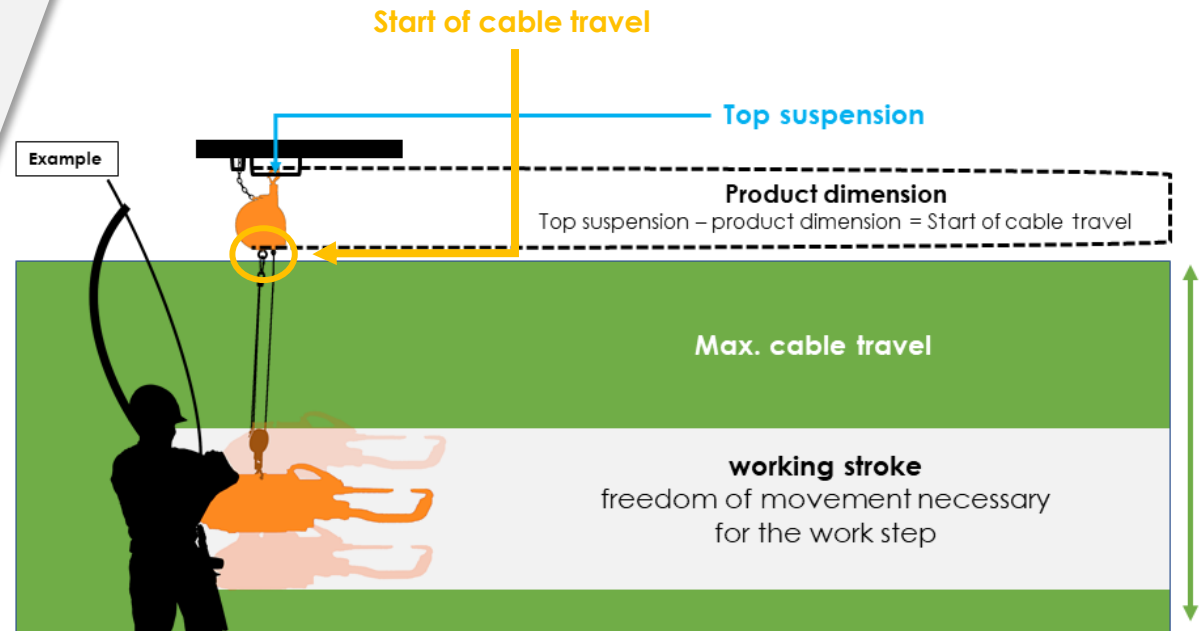
Height of top suspension point (check on site)
- Height of product dimension (check [user manual](#))
= **Height of start of cable travel**

Height of start of cable travel:

From this point it must be ensured, that the cable travel is long enough to guide your application to the place of work. In this context also think about the required range of motion (working stroke) necessary for your work step (working stroke).

Note:

For extra high top suspension points, there are [extra cable extensions](#) available.



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