

# The Avanti Safety System



**PPE Portfolio**

# Safe work in wind turbines always has a first and top priority for Avanti Wind Systems.

Avanti offers a wide selection of quality personal safety equipment for the technicians working in wind towers.

Avanti also supplies all safety and rescue equipment, which must be located in a wind turbine. The equipment must always be ready for use in case of fire or other emergency situations making it necessary for the technicians to rescue others or evacuate themselves from the top of the turbine.



**All Avanti equipment naturally complies with safety requirements both nationally and internationally.**

## The Avanti Safety System

- **A comprehensive Safety System**  
Avanti supplies, inspects, maintains and trains customers worldwide, using our global coverage and provides regular inspections in wind towers.
- **Ready for use**  
All safety and rescue equipment is located in a wind turbine ready for use.
- **CE and CA (Brazilian) certification**





# Avanti Tamarin Harness

- ▶ The harness is equipped with 4 attachment points, 2 lateral hip attachments and 2 attachment points (marked with 'A'), one on the chest and one on the back.
- ▶ Due to easy-buckles, the harness is light, very easy to put on and easy to adjust to the body.
- ▶ The easy adjustment offers possibility to adjust body-length, seat position and position of the hip-attachments. Further the harness also offers the possibility to adjust the position of the back-attachment for better comfort.
- ▶ The harness is equipped with a strengthened back-support and is resistant to wear.
- ▶ In an emergency the harness offers the possibility of attaching the response gear in the front or back of the harness, which are beneficial features depending on the situation.
- ▶ Avanti offers a lightweight version of the harness called "Tamarin Light".



# Avanti Y-lanyard with Shock Absorber

## Avanti elastic Y-lanyard with shock absorber

- ▶ The lanyard part is made from stretchable webbing, which makes it easier for the user to control the lanyard and avoid tripping hazards.
- ▶ The big snap hooks are with a 60 mm opening, which offers the possibility to attach on most ladder stiles.



## Avanti Y-lanyard with shock absorber

- ▶ The lanyard part is made with 12 mm Kernmantle rope (core rope protected by sheath).
- ▶ The big snap hooks are with a 60 mm opening, which offers the possibility to attach on most ladder stiles.



# Avanti Work Positioner

- ▶ The 14 mm Kernmantle rope (core rope protected by sheath) offers very comfortable rope length adjustment with the rope lock.
- ▶ The slim snap hook is very easy to serve during use.
- ▶ The slim carabiner offers smooth and comfortable attachment with the lanyard in any construction.



# Avanti Response & Rescue Gears

## Avanti Rescue Device

- ▶ Feature with lifting (“freeing”) the casualty before lowering (200 kg).
- ▶ Hands free controlled descend speed max. 0,8 m/sec.
- ▶ Approved for 2 persons lowering 160 m (200 kg) in each lowering.
- ▶ Pulley principle offers lowering of several persons – when one rope end has “landed” the next lowering can start from attachment point....one lowering after another.



## Avanti Safe-Speed RD+

- ▶ Same advantages as the Avanti Rescue Device.
- ▶ Approved for 2 persons lowering 300 m.
- ▶ Rescuer can personally descend to distressed hanging person and free his/her attachment and lower or haul up both manually.
- ▶ Feature fitting any battery drill machine hoist speed 0,7 m/sec. (max. 200 kg).
- ▶ Machine hauling with overload feature. Hauling stops when load is higher than 200 Kg.





# Avanti Stretchers

## The Avanti Universal Stretcher

- ▶ Light and very useful for any rescue in wind turbines, confined spaces and heights rescue in general.
- ▶ Can be used hanging vertical, horizontal or inclined.
- ▶ Immobilizes & supports entire the body.
- ▶ Approved as rescue harness.



## The Avanti Offshore Stretcher

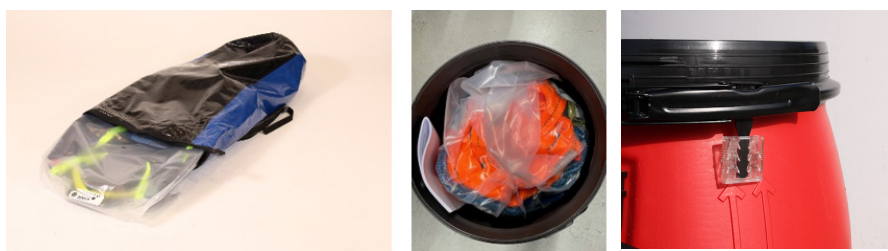
- ▶ Very light, offers vertical & horizontal position.
- ▶ Floats when lowered in water.
- ▶ Coloured red to make it highly visible in water.



# Avanti Services

## Vacuum sealing

- ▶ Expert revision is not required for 10 years as vacuum bag sealing keeps the equipment in good condition for this period.
- ▶ When the packaging seal is not broken, the standard periodic inspection only requires a visual inspection from outside the packed barrel or box.



*Packaging seal.*



## Gear refurbishment

- ▶ Authorization to refurbish response equipment.

# Avanti Rucksack

## Robust and durable

- ▶ Designed for durability and reliability in wind turbine environments keeping your gear safe and secure.



**Please contact AVANTI for other requests regarding PPE, rescue equipment and services.**



# Safe Work in Wind Turbines



## Contact Us

For more info please visit:  
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