

Making clean water available to communities and businesses in need.

Our products work with a **Mobile Deployment Unit (MDU)** used for temporary solutions where clean water and infrastructure is lacking and is in critical need. The MDU gives our products the ability to be operational within hours, making it ideal for disaster relief and military installations.



AIR
TO
WATER



WATER
TO
WATER



How Our Technology Works

Our Mobile Deployment Unit uses a specialized truck and trailer design.

This truck and trailer design is used to transport either of our Air to Water (AW) or Water to Water (WW) solutions with a modified tower design to a location site.

The MDU replaces the traditional concrete pad on our AW and WW solutions with a steel baseplate that connects to the specialized trailer. The trailer carries the complete product unit, fits every tractor truck with a standardized dish coupling, and can be transported on shipping vessels.



Using innovation in heating and cooling, that makes the most efficient use of energy, our solutions harvest potable water from the air or remove salt and other impurities from sea, brackish or dirty water.



Powered by
natural energy



Produces water directly
where it is needed



Minimal operating
and maintenance costs



100% Sustainable
technology



Chemical
free



Proven success in
diverse conditions

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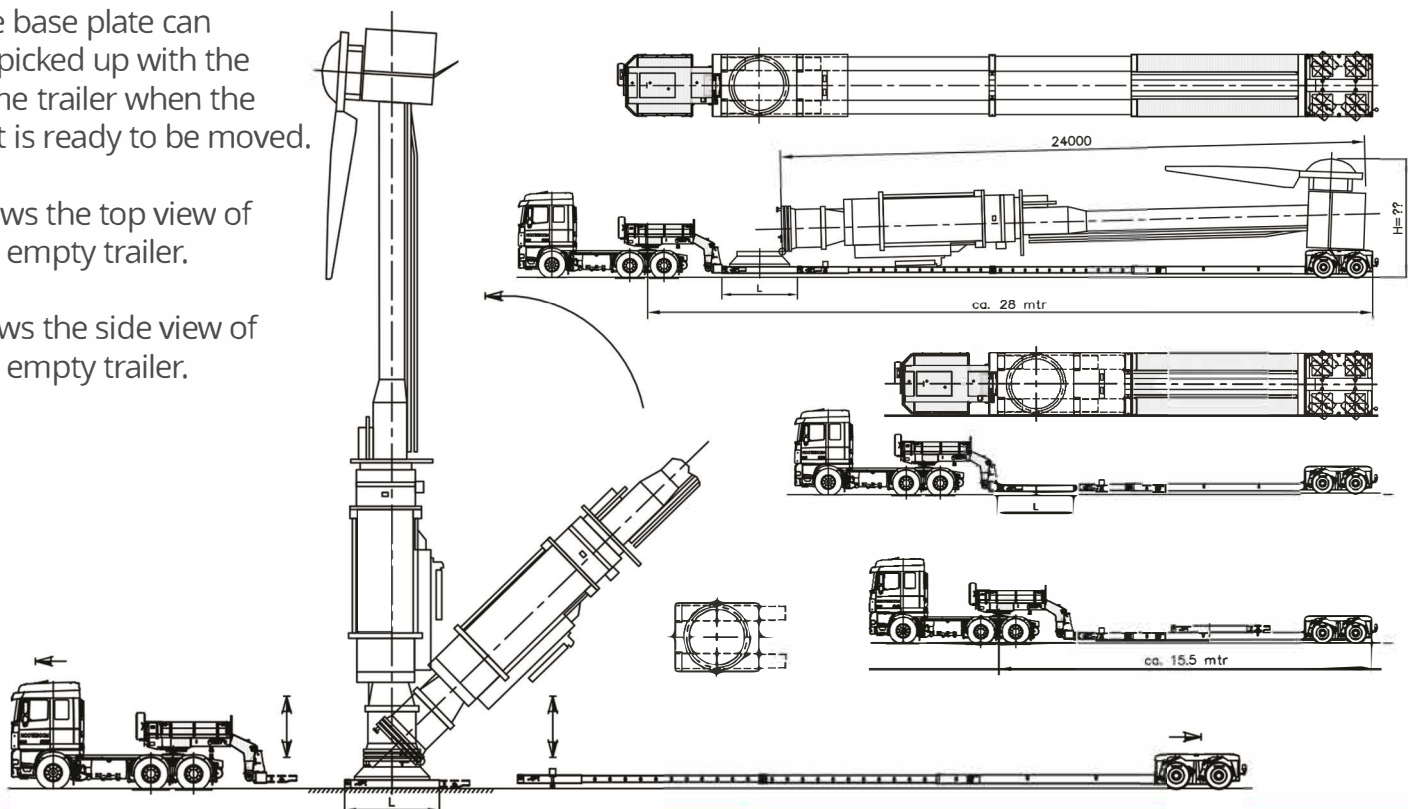


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MDU Deployment Steps

When the Mobile Deployment Unit arrives at the location site, part of the truck that acts as a foundation is disconnected. A foundation platform is then stabilized with outriggers, and the turbine is hoisted upright by the trailer unit using hydraulics. The trailer is locked together with the rear wheels, and the unit is then ready to operate.

- A.** The Mobile Deployment Unit Trailer in its full length of 25-35 meters (82-115 ft.) ready to pick up the Air to Water or Water to Water Unit.
- B.** The unit is loaded. The maximum height is approximately 3.9 meters (13 ft.)
- C.** The unit is deployed on site. The site must have a flat surface and solid soil (sand, rock, clay, etc.) that is capable to carry the trailer unit. The trailer lowers the base plate to the soil.
- D.** The base plate (L) stays on site, and the truck leaves with a shorter trailer. The base plate can be picked up with the same trailer when the unit is ready to be moved.
- E.** Shows the top view of the empty trailer.
- F.** Shows the side view of the empty trailer.



Global Technical Specifications

Weight of trailer + turbine:
30 tons

Total length trailer:
25-35 meters (82-115 ft.)

Width: 2.5 meters (8.2 ft.)

Height: 4 meters (13.1 ft.)

Outriggers footprint:
10x10 meters (32.8 x 32.8 ft.)

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