

Red-D-Arc offers a full range of welding and weld automation equipment for the production of wind towers

Whether it be rental, lease or sales,  
we can offer you the equipment you want  
when you need it!



# Red-D-Arc Weld Automation

redarc.eu

Do you want to produce smart and efficiently, maintaining high quality standards and without large initial investment? Red-D-Arc is the perfect partner to help you achieve those goals. Through our global network you have access to a large fleet of rotators, columns and booms, positioners, welders and other welding related products. The availability options we can offer are unique in the industry. Depending on your needs our equipment is available for rent, sale or lease.

## Growing Line Capacity up to 1,000 ton

A growing line consists of multiple rotators on which two or more pipe sections are joined together. Because each axle is provided with an individual motor, the pipe sections can be moved with greater precision, left, right, up, down and diagonally in order to align the two sections exactly with each other. After joining the next pipe section in line the growing process begins. A growing line greatly increases productivity and reduces costs.



3year  
warranty



Scan to watch  
Growing Line  
video

[www.youtube.com/RedDArcWelderentals](http://www.youtube.com/RedDArcWelderentals)

## Conventional Rotators

### Capacity from 1 to 1,000 ton per set



Conventional rotators consist of a set of two rotators one of which is driven and one with idler wheels. The rotators are operated via a control panel and a remote control pendant. The operator has the choice of rotating the work piece left or right using the remote control. He can also adjust infinitely the variable rotation speed so that the work piece can be easily brought into the desired position. The rotators are specially designed to support the welder during his work and make the process efficient. Red-D-Arc can supply rotators from 1 to 1,000 tons. Standard conventional rotators have, dependent on the load, single, double or even triple wheels of rubber, polyurethane or steel.

## Self Aligning Rotators

Our self-aligning rotators are an economical and practical answer to problems when rotating workpieces with different diameters. The design ensures that the wheels can tilt inwards or outwards depending on the diameter of the workpiece without having to change any settings manually. Compared to standard rotators, the diameters are limited and also the position of the work piece can be much higher. The self-aligning rotators are mainly used for vessels with thin walls.



3year warranty

3year warranty



## Anti-drift system for conventional rotators

Designed to limit the lateral movement of the weld when the work-piece rotates. With this system, the weld / welding head alignment can be maintained with a tolerance of  $\pm 1$  mm. Thus, it is possible to make perfect welds in spite of any large unbalance in the workpiece.



Scan to watch  
Anti Drift video

## Column & Boom Manipulators

From 2 x 2 to 8 x 8 metre

A column & boom manipulator is used for semi-automatic welding of large workpieces with a rotator or a tilting turntable. Depending on the type of work a column & boom manipulator can be used for different welding processes. The most simple column & boom manipulator consists of a vertical column with a height-adjustable arm, at the end of this arm the torch or welding equipment can be mounted.



3year warranty





**3 year**  
warranty

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## Tilting Positioners

**Capacity: 250 kg to 135 ton**

A tilting positioner offers the welder the ability to rotate the workpiece 360°. Due to an additional (separate) drive the table can both rotate and tilt so the workpiece is placed in a better welding position both horizontally and vertically. A remote control pendant with all functions is provided and foot-switch stop/start control is offered as an option. As an option, various types of chucks may be included. The tilting positioners are available with a capacity from 250 kg to 135,000 kg turn and tilt weight. With use of these turntables work can be done in a simple way, quickly and ergonomically. Welding can be carried out in the down hand position, which improves the welding quality and operating speed.

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## Induction Heating Systems

With the Miller ProHeat™ 35 induction heating system, joints can be rapidly and uniformly heated for preheat or stress relief with minimal setup and instruction time. This system induces heat electromagnetically rather than by using a heating element.



## Welders

Whatever the size of your welding project, Red-D-Arc can provide the equipment you require. Red-D-Arc has a large rental fleet of TIG/MIG/MAG welding machines from all of the major manufacturers.

All of our welders and welding related equipment are available for rental, lease or sale.