

PROFILE BLADE CLAMP 15T

Safe installation and dismounting of wind turbine rotors



The Profile Blade clamp is designed to be used for installation and dismounting of wind turbine rotors. It is an assisting tool for handling and lifting complete rotors up to the nacelle, but

it can also be used for a rotor lift containing one blade while the other two blades are mounted on the hub with a C-lifter.

HOW IT WORKS

The Profile Blade clamp is used as a “clamp” around the trailing blade, when the rotor is lifted for installation on the wind turbine. The main crane lifts the rotor, while the smaller crane with the Profile Blade clamp controls the trailing blade making the rotor turn to installation position. After the rotor has been installed the Profile Blade clamp can be released using a re-

mote control. The Profile Blade clamp can also be used to assist in lowering the rotor to a horizontal position when demounting a rotor. The profile Blade Clamp grabs and supports the blade's entire geometry. This makes the Profile Blade Clamp very safe yet very gentle to use.

YOUR DIRECT ADVANTAGES

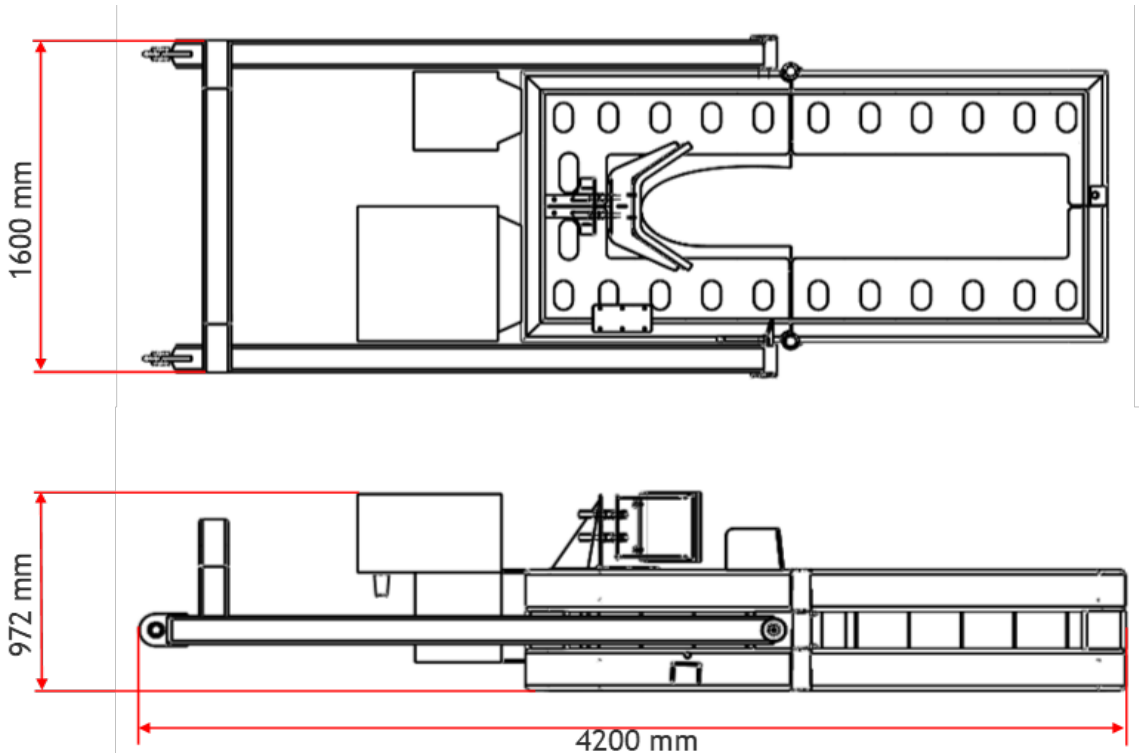
Extra Options

- Milling for Vortex generator protection
- Polyester tarpaulin
- Operator training course
- Service pack

- Battery driven; no cables during operation
- Rubber pad for blade protection
- Approved for both Europe and USA
- Safe and easy to use
- Custom built to any blade size and type

TECHNICAL SPECIFICATIONS

Our standard design was designed for a 75M Blade. However, like all our products, the profile blade clamp can be easily adjusted to meet customer requirements.



Electrical data

Voltage	
Chargin system	230V (USA-UK: 110V)
During operation:	24 V battery
Frequency:	50/60 Hz
Radio frequency:	433 MHz or 2,4 GHz

Environmental data

Temperature	20° To +40° C
Windspeed:	15 Sec/m

Installation

Temperature	20° To +40° C
Windspeed:	15 Sec/m

Engineering data

WLL	15 T
Tilt	84°

Material data

Overall IP class:	65
Surface:	C3/ C5M
Shoepads:	Rubber