



SERVICE PLATFORM System AER 1.1

FLEXIBLE MAINTENANCE PLATFORM FOR THE BIGGEST TURBINES TO DATE

Our highly flexible System AER 1.1 provides fast and safe access for rotor blade maintenance on turbines with a tip to tower clearance of up to 19,2 m. Functions such as the swivelling and transverse shifting of the workspace create added value that is reflected in the quality of rotor blade repairs and cost efficiency. Furthermore opening gangways guarantee safe operation during catching the blade. The geometry of the self-adjusting suspension enables maximum maintenance height up to the root of the blade.

transport dimensions of the trailer **9,00 m x 2,55 m x 3,60 m**

access to rotor blade
swivelling around the tower ($\pm 10^\circ$)
opening mechanism of gangways
transversely movable workspace (± 500 mm)

suitable turbines **1,5 MW to 7 MW+**

load capacity **400 kg (max. 3 persons)**

maximum rotor blade dimensions **5,30 m x 3,00 m**

maximum tower height **180 m**

self-adjusting suspension structure **adjusts to the width of anchor points in the nacelle (between 1,7 – 4,0 m)**

certification **CE certified**
UL certified – Safety US, CA

scaffold hoists **Tractel tirak X1140P winches (2x)**
Tractel tirak X820P winch (1x)

secondary brake **Tractel Blocstop BSO 1040E (2x)**
Tractel blocstop BSO 1020E (1x)

maximum tip-tower clearance **19,20 m**

maximum wind speed **14 m/s**

lifting speed **9 m/min**