



SERVICE PLATFORM SYSTEM Aer 1.1

DO YOU NEED A FLEXIBLE MAINTENANCE PLATFORM FOR THE BIGGEST TURBINES TO DATE? THEN SWITCH TO SYSTEM AER NOW!

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 18,5 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 3,90 m**

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

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

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

dead weight **1800 kg**

maximum tip-tower clearance **18,50 m**

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

maximum wind speed **14 m/s**

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

lifting speed **8 m/min**

maximum tower height **180 m (all ropes and electric cables included)**

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