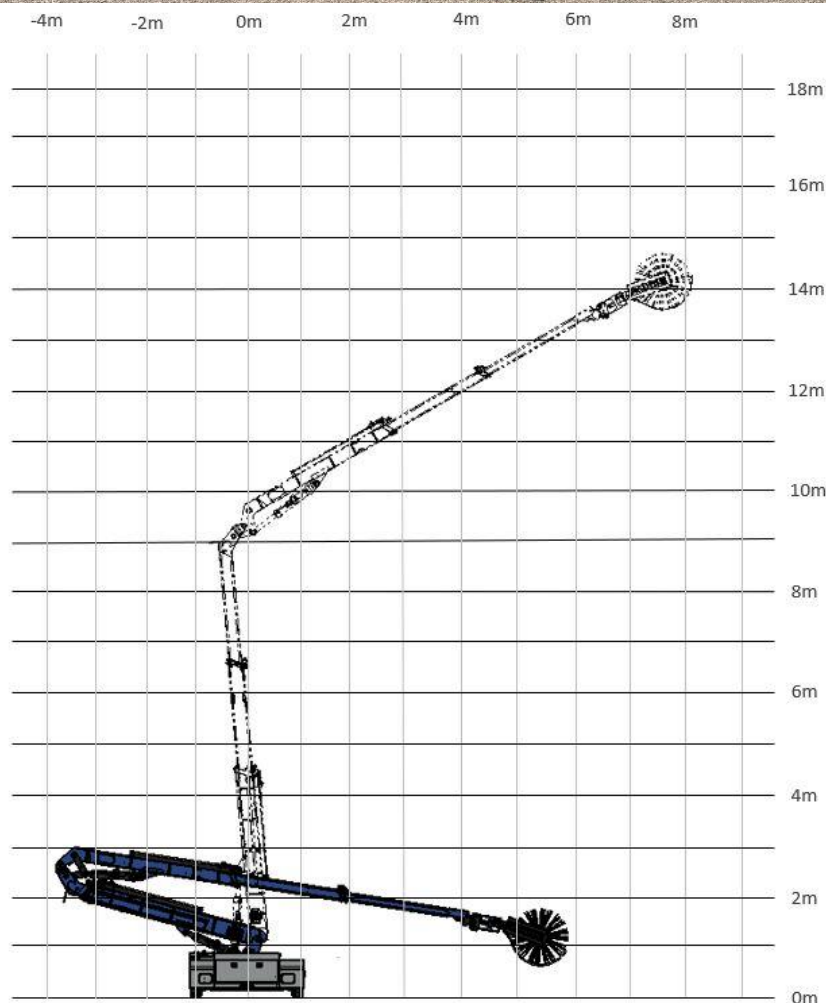


AW3 – World leading aircraft washing robot

The AW3 is designed to wash all types of aircrafts, including wide body aircrafts such as Airbus A350 and Boeing 787. The AW3 automatically adjusts the brush pressure towards the aircraft surface and can wash the fuselage as well as the wings. The AW3 has several pre -defined washing positions for easy operations and use.



AEROWASH
www.aerowash.com

Technical specification

Steering:	4WS
Drive:	4WD
Travel speed, max:	3 km/h
Washing speed, max:	1 km/h

Control system

Remote control:	Wireless
Frequencies:	433-434 MHz, or per request
Panels:	4,3" and 7" touch and color panel
Control system:	CAN bus

Power supply

Battery time:	6-8 h (Depending on use)
Charging time:	7 h
Type of battery:	Lead-acid
Battery capacity:	1035 Ah
Battery voltage:	48VDC

Brush unit

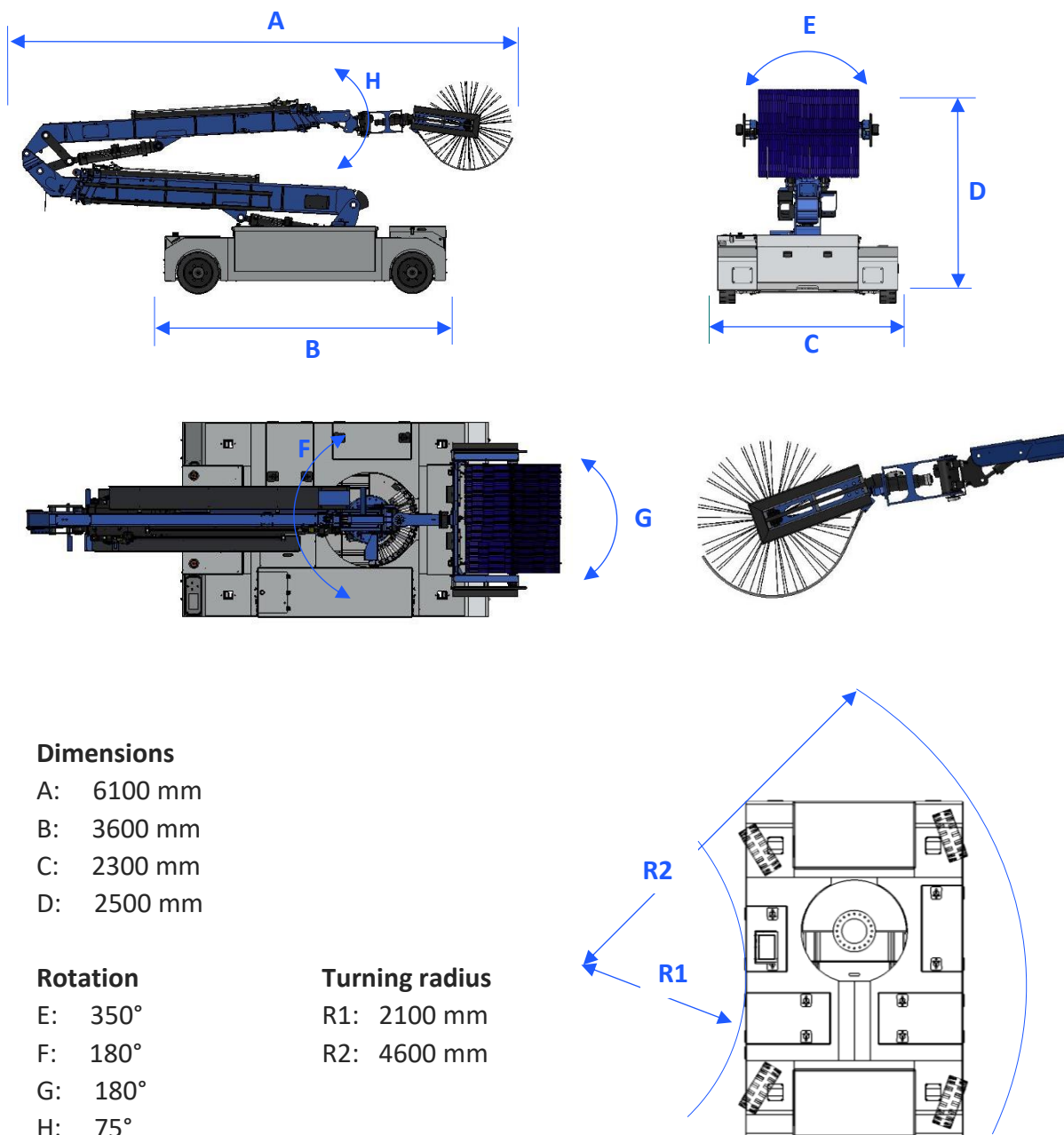
Material:	Cloth
Max. rotation speed:	120 rpm

Fluid system

Number of tanks:	2 tanks water/detergent
Main tank volume:	220 liters
Second tank volume:	80 liters
Maximum pressure:	2 bar
Maximum flow:	6 liter/min

Hydraulic system

System type:	Load sensing
Hydraulic pump:	LS Pump
Maximum pressure:	210 bar
Maximum flow:	110 liter/min
Normal operating flow:	10-60 liter/min
Hydraulic tank:	60 liters



Dimensions

A: 6100 mm
B: 3600 mm
C: 2300 mm
D: 2500 mm

Rotation

E: 350°
F: 180°
G: 180°
H: 75°

Turning radius

R1: 2100 mm
R2: 4600 mm

Automatic functions

Automatic positioning of the arm into predefined washing positions as well as positioning back into transport position by the press of a single button. Automatic functions for brush pressure and positioning of the brush head

Safety system

Integrated certified safety system that handles all emergency stop functions as well as a number of safety sensors that ensures that no dangerous situations and positions will occur.

Quality standards

The AW3 complies with the following directives • Machinery Directive 2006/42/EC • Electromagnetic Compatibility Directive 2014/30/EU • Low Voltage Directive 2014/35/EU