

Tempest Aircraft Washer

The Model of Efficiency

The JBT AeroTech Tempest aircraft washer provides the most efficient solution for aircraft exterior cleaning operations

Designed exclusively for aircraft servicing the Tempest offers a short turning radius for maneuvering in tight areas, dynamic braking for safe stopping and a chassis cab with minimal blind spots. The 7,571 L (2,000 gal) fluid tank provides capacity for 6,057 L (1,600 gal) for rinse water and 1,514 L (400 gal) for detergent. The boom designed with a 5:1 factor of safety elevates the cleaning crew smoothly and safely around the aircraft.

JBT AeroTech Tempest aircraft washers offer a lower total cost of ownership (TCO) through a relentless focus on safety, operations, maintenance, reliability and durability.

Exceptional Safety is the result of a boom with a 5:1 factor of safety, excellent visibility and dynamic braking.

Efficient Operation is assured with a custom chassis featuring a single engine and short turning radius

Easy Maintenance is a benefit of a swing out power module and excellent access to all major components

Extended Reliability and Durability is guaranteed with a heavy duty chassis and high quality components



Tempest Aircraft Washer

Total Fluid Capacity	7,600 L (2,000 gal) 1,514 L (400 gal) Detergent 6,057 L (1600 gal) Rinse Water
Water Pump	Myers Centrifugal pump
Detergent Pump	Hardi Radial Diaphragm Pump
Chassis	JBT custom built
Drive System	Hydrostatic
Engine	Standard—Cummins QSB4.5C 119 kW (160 hp) @ 2200 rpm
Maximum Speed	40 km/hr (25 mph)
Deicing Speed	6 km/hr (4 mph)
Turn Radius	9.30 m (30.5 ft)
Rotation	350 degrees non continuous
Aerial Device (Articulated boom)	Open basket
Maximum Lifting Capacity	204 kg (450 lb)
Maximum Working Height	13.72 m (45 ft)
Maximum Side reach	9.45 m (31 ft)
Dimensions	
Length	9.65 m (31.7 ft)
Width	2.69 m (8.8 ft in)
Height (retracted)	3.57 m (11.7 ft)
Wheelbase	4.39 m (14.4 ft)
GVW Empty Tanks	11,970 kg (26,270 lb)
GVW Full Tanks	18,975 kg (41,830 lb)

Safety Devices:

- Emergency stops in cab and basket
- Emergency hydraulic pump control in cab and basket
- Boom control in cab, basket and direct on manifold
- Two sets of full body safety harnesses
- Harness lanyards for basket and on boom
- Driver/Passenger seat belts
- Fire extinguisher mounted on rear of unit
- Auto fire suppression option
- Backup alarm
- Optional CE package

Options:

- XR Boom working height 17.2 m (56 ft)
- Three-point seat belts in cab
- Engine noise suppression package
- In cab air intake filter
- Optimax Heater System
- Stainless steel heater and coils
- Stainless steel fluid system
- Digital fluid flow meters
- Battery disconnect switch
- Emergency boom lowering valves
- E-stop switches on chassis sides



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