


PREMIER™

TEXTRON 



MT50P21

REACH NEW HEIGHTS.




MAX WORKING HEIGHT
50 ft (15 m)



EXPRESS
HEAT



INTUITIVE
CONTROLS



AERIAL LIFT
ROTATION



PREMIER™ - MT50P21

Standard with Guardian Technology, the Premier™ MT50P21 provides ideal and technical movement enabling you to handle spraying tasks with accuracy. Save time on the tarmac by pairing this deicer with Express Start, a feature that offers automated start up and shut down. The Premier MT50P21 is our tallest deicing and anti-icing equipment, reaching heights up to 50 ft [15 m]. This allows you to work on a wide variety of aircraft, accommodating various sizes and configurations. Equipped with an 1,800 US gal [6,813 L] tank for deicing fluid and a 300 US gal [1,135 L] tank for anti-ice fluid, the Premier MT50P21 provides ample capacity to meet the demands of extensive jobs.



CHASSIS POWER

Ford 6.7L Power Stroke Turbo Diesel V8

EPA Tier / Certification Level	Tier 4F
Type	4 Cylinder, Turbocharged, Diesel Engine
Fuel	USLD
Displacement	408 CID [6.7 L]
Governed RPM with Full Load	3,200
Peak Horsepower	270 @ 2,700 RPM
Torque	675 ft-lb @ 1,600 RPM

AUXILLARY POWER

Auxiliary Engine Perkins 404 Diesel

Type	Tier 4F 4 Cylinder Turbocharged Diesel Engine
Fuel	Diesel
Displacement	134 CID [2.2 L]
Governed RPM with Full Load	1,800 RPM
Net Brake HP at Governed RPM	42 hp
Torque	74 Nm @ 1,500 rpm

DIMENSIONS

Length - Open Basket	390" [9,906 mm]
Length - Enclosed Basket	412" [10,464 mm]
Width	96" [2,438.4 mm]
Height	161" [4,089.4 mm]
Wheel Base	217" [5,511.8 mm]

PERFORMANCE

Maximum Governed Speed (Boom Raised)	4 mph [6.4 km/h]
Overhead View Cap w/ Dual Pantograph Wiper	632 sq in Slanted Viewing Capacity
Communication System	David Clark® 3800 Series
Lift Working Height (Open Basket)	53' [16 m]
Lift Working Height (Enclosed Basket)	50' [15 m]
Aerial Lift Basket Capacity - Open Basket	300 lbs [136 kg]
Aerial Lift Basket Capacity - Enclosed Basket	450 lbs [204 kg]
Aerial Lift Rotation	370 Degrees Non Continuous
Deice Pump (Centrifugal)	55 gpm [210 lpm] @ 150 psi
Anti-Ice Pump (Diaphragm)	22.5 gpm [85 lpm] @ 50 psi
Deice Fluid Tank	1,800 gal [6,804 L] Stainless Steel
Anti-Ice Fluid Tank	300 gal [1,134 L] Stainless Steel
Generator	20 kW, 480 Volt AC