



# 220

**INDUSTRY EXCLUSIVE.**



**SINGLE OPERATOR**



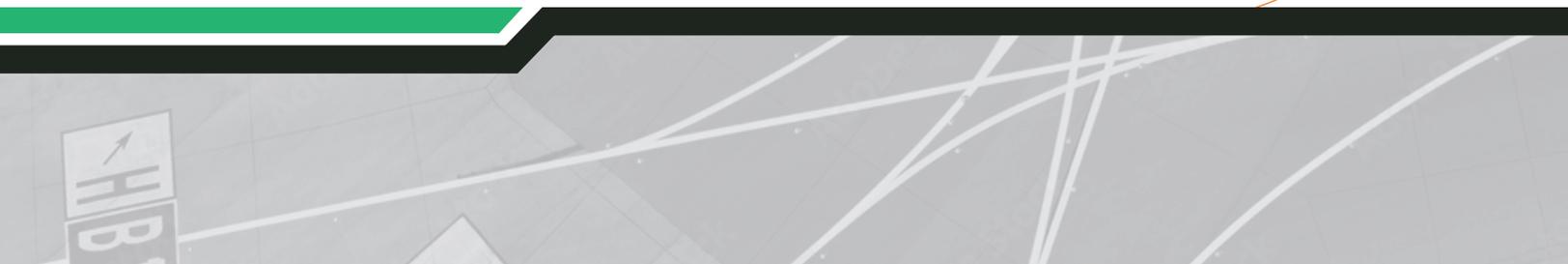
**STATE-OF-THE-ART  
SPRAYING & BLENDING**



**WIRELESS DATA  
TRANSFER AND  
REMOTE DIAGNOSTICS**



**AUTOMOTIVE STEERING  
WITH AUTOMATED  
FUNCTIONS**



# SAFEAERO™ - 220

Streamline the deicing process with the only true single-operator deicer in the industry, the Safeaero™ 220. Having the capability to drive, maneuver, and spray all with just one crew member redefines the standards of efficiency. Stay connected and ahead of the game with wireless data transfer and remote diagnostics, enabling real-time monitoring and swift adjustments to enhance performance. While automated functions simplify complex tasks and optimize productivity, the Safeaero 220 is equipped with automotive steering for effortless navigation. A powerful ground gun and 10 m [32 ft] hose reel ensure precise and effective deicing operations. Embrace complete control with the 4-mode nozzle control system, tailoring the spray pattern to meet diverse aircraft requirements. Experience a new level of efficiency and convenience with the Safeaero 220, your exceptional deicing and anti-icing solution for any condition.



## CHASSIS POWER

### Deutz TCD 4.1 L4 Diesel Tier IVF

EPA Tier / Certification Level	Tier 4F / Stage V
Engine	Deutz TCD 4.1 L4 Diesel
Type	Water-Cooled, In-Line, 4 Cylinder, Turbocharged with Intercooler
Fuel	Diesel
Displacement	4.7 L (250 CID)
Governed RPM with Full Load	2,300
Net HP at Governed RPM	154 [115 kW]
Torque	610 Nm (450 lb ft)

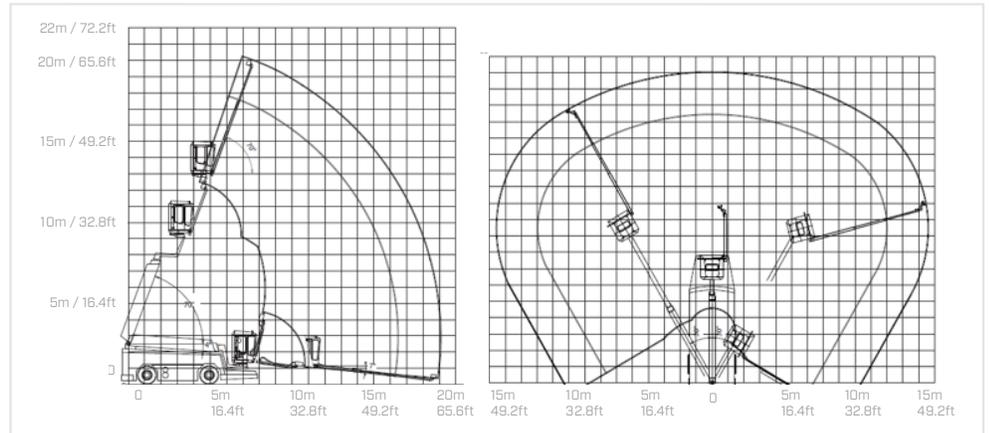
## DIMENSIONS

Length	27.1' (8.25 m)
Width	9.3' (2.85 m)
Height	11.5' (3.5 m)
Maximum Height of Nozzle Above Ground	65.6' (20 m)
Maximum Nozzle Swing Reach Left/Right	45.9' (14 m)
Nozzle Telescope Arm Length (From Center of Cabin)	13.1' - 27.2' (4 - 8.3 m)
Nozzle Turning Up/Down	+70°-120°
Nozzle Turning Left/Right	± 90°
Maximum Cabin Rotation	± 90°
Weight (without fluid)	39,700 lbs to 43,700 lbs (18,000 kg to 19,800 kg)
Maximum Eye Height of Operator	47.6' (14.5 m)
Wheel Base	12.5' (3.8 m)
Turning Radius - (Measured from Center Tread of Front Wheels)	23.6' (7.2 m)
Ground Clearance	8.4" (200 mm)

## PERFORMANCE

Maximum Governed Speed (Boom Raised)	4 mph (6 km/h)
Max Velocity Wind Speed	46 mph (20.6 m/sec)
Tank Capacity up to 1 or 2-Tank Version	1,900 gal (7,200 L)
Tank Capacity (1, 2 or 3-Tank Version with Optional Diesel Heater Included)	2,160 gal (8,200 L)
CE Certified	Yes

## 220 DIAGRAM



Specifications are subject to change without notice. Models shown may include optional features.  
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