

Engine 1 SUMMIT Dragon Slayer Industrial Foam Pumper



Manufacturer: Summit Fire Apparatus
Edgewood, Kentucky USA

Vehicle Fleet

Engine 1 Dragon Slayer

Chassis

HME Spectr chassis 2.54m (100") wide / 10 Compartments with ROM roll up doors
VIN# 44KFT4289AWZ21735
Turning Radius: 7.62m (25')
Chassis Weight Distribution:
Front 9,944 kg (21,922 lb) Rear 11,887 kg (26,207 lb)
Total Weight: 21,832 kg (48,130 lb)
Principle Dimensions:
H 3.5m (11'3") L 11.35m (37') W 2.54m (100")
Approach & Departure Angles: 15° & 8°
Axle GVWR Front 10,433kg (23,000 lb) Rear 14,969kg (33,000 lb)
Axle Ratios: Front - Rear 5.44
Tyre Sizes: Front 425/65R 22.5 Rear 315/80R 22.5
Weight Capacity: Front 4123kg (9090 lb) Rear 3751kg (8270 lb) each
Wheelbase: 5.664m (223")
Driving Position: Left hand drive

Engine

Detroit Diesel 60 Series 14 Litre (854 cu inch) 384 kW (515hp) @ 2200rpm
Serial # 06R1031876
Transmission : Automatic Allison 4000 EVS (5 speed + O/D)
Trans Serial # 6610288905
Maximum Governed Speed 2200
Electrical System Voltage: 12V
Alternator Output: 270 Amps
Battery Make: Wonch's Model: Group 31 CCA: 700
Fuel Type: Diesel Capacity: 248 Litre (65.5 gallons)
PTO Chelsa Model 859XMFJP-B5XV Gear Ratio 890HCFJW-B5XV

Water Pump

Hale RME 3000 Capacity: 3000 GPM (11356 LPM) (Draught)
5000 GPM (182927 LPM) (Pressured)

Foam Tank

Foam Pro Accumax / Thunderstorm Foam
Capacity 1892 litres (500 US Gallons) (2081 litres)

Water Tank

N/A

Water Intake

3 x 6" water inlets

Water Discharge

Foam Pro Accumax / Thunderstorm Foam
Capacity 1892 litres (500 US Gallons) (2081 litres)

Ancillary Equipment

Light Tower: Will-Burt Night Scan
Extended Mast Height: 6.5m (21'4")