

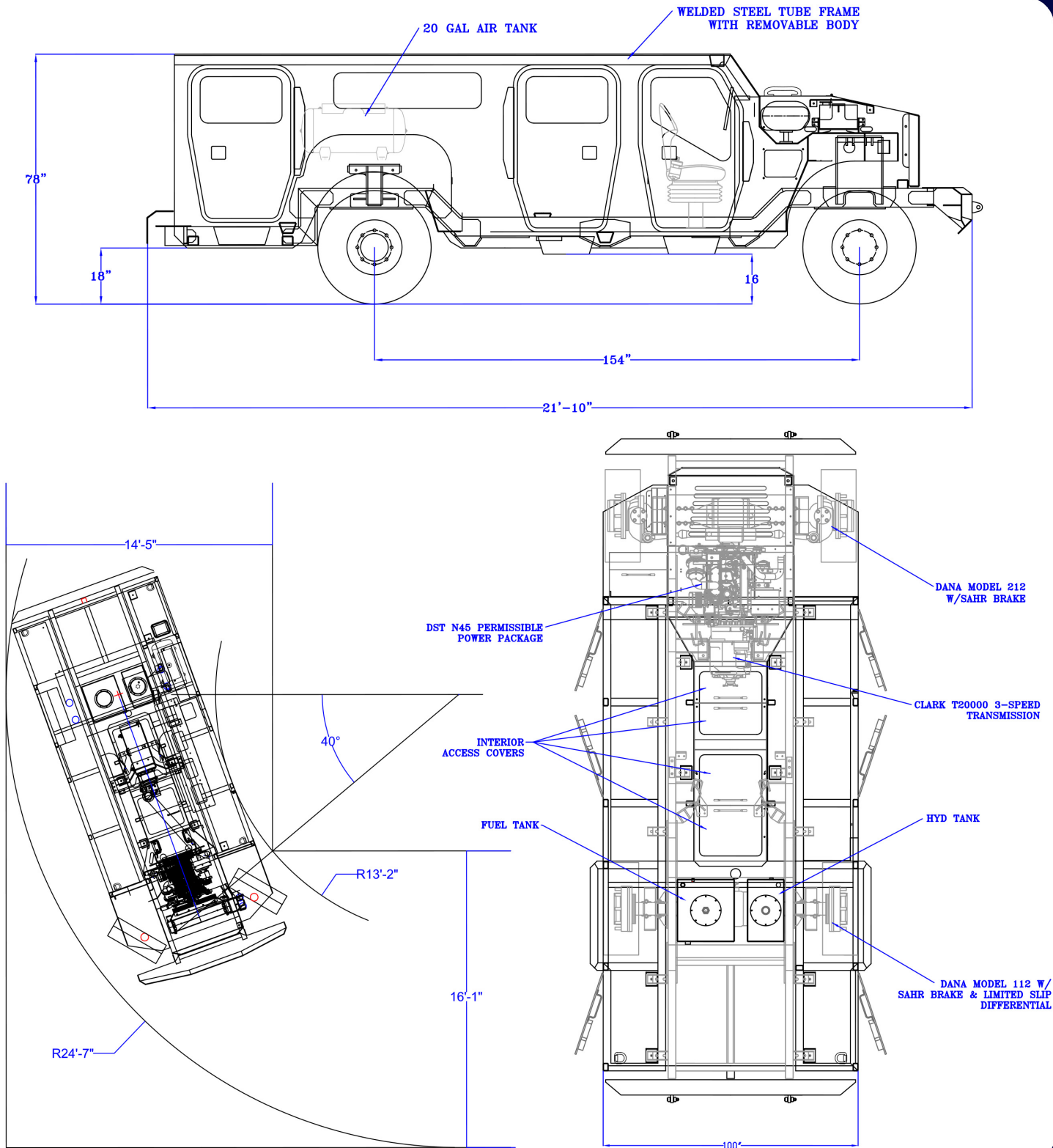


**Dry Systems[®]
Technologies**

Technical Specifications and Performance Data

Permissible Diesel
14 Man Personnel Carrier

DST 14PCFP



Basic Specifications:

Main Dimensions

Height:	78"
Width:	100"
Total Length:	21'-10"
Weight	17500 lbs
Capacity:	3500 lbs
Ground Clearance:	12.5"
Suspension Travel:	10"

Turning Radii

Inner	13' 2"
Outer	24' 7"
Turning angle	40 degrees

Weights

Total operating weight	17,500 lbs
Total loaded weight	21,000 lbs

Suspension

4 link triangulated suspension with dual coil over shocks, remote reservoir

Driving Speeds Forward and Reverse

1st gear	5 mph
2nd gear	10 mph
3rd gear	20 mph

Additional Standard Equipment

- MSHA certified canopy
- Automatic (Checkfire II) fire suppression system, Ansul
- Hand held, 10-A: 120-B:C fire extinguisher – 20 lb.
- Alternator XP - 12VDC, 300W
- Driving and working lights - 2 front, 2 rear, 2 crosscut, LED
- Air ride front seats with seat belts
- Padded bench seat for 12 passengers
- Sealed cabin area with HD doors

Optional Add-ons

- Spare Tire and Wheel Assembly
- Camera System
- Heater
- CSA Methane Monitor

Approvals and Ratings:

MSHA FLP Powerpack approval number	07-FA150001
MSHA machine approval number	36-CA180002
MSHA ventilation rate	5500 CFM

The DST 14PCFP Permissible Diesel meets MSHA standards for permissible equipment. However, a non-permissible model of the DST 14PC is also available upon request.

Power Train:

Engine

Diesel Engine	FPT N45 4.5
Output	124 HP @ 2200 rpm
Number of cylinders	In line, 4
Electric system	12 VDC
Exhaust system	DST®dry scrubber
Fuel tank capacity	29 gal
Starter	Air powered

Transmission

Clark T20000 Integral	3-speed forward and reverse with powershift
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Axles

Front axle	Dana Model 212 w/ SAHR Park Brake
Rear axle	Dana Model 112 w/ SAHR Park Brake & Limited Slip Differential

Standard Brakes

Fully-enclosed multiple wet disc, spring-applied pressure release service, oil-cooled, parking & emergency

Main Components

Pressure accumulator	Bladder type
Brake pedal valve	Reverse modulated

Tires

Tire Size	14 x 17.5, 12 PLY
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Assembly Process:



Welded steel frame



Suspension system



DST power package



Interior of rear seating area



Finished product



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technology for a cleaner environment.

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Dry Systems Technologies (DST[®]) is a world leader in the design, manufacture and installation of diesel emissions control systems used for mining and construction equipment. Our products are the result of more than 20 years of progressive and innovative design, testing and improvement, allowing us to offer the most efficient and reliable system on the market for reducing diesel engine emissions.

DST[®] is a leading supplier of Diesel Power Packages and Emissions Control Solutions for both new (O.E.M.) and rebuilt machinery in the mining and construction Industries. Our products are available for both permissible (flame-proof) and non-permissible applications. Our systems can be used in a wide variety of machinery and are often custom-designed to meet the unique requirements of our valued customers.

Expanding on our extensive history and experience with diesel equipment, we are proud to offer the DST[®] 14PCFP. A 14 man capacity permissible diesel personnel carrier. We are confident that we have engineered a durable, innovative machine that will serve your mining operations well for years to come.