



# Voyager 10T E-Drive Four Track Articulated Carrier Specifications



## DIMENSIONS FOR COMBINED VEHICLE (2 SECTIONS)

<b>Overall Length</b>	411"	(10.44 m)
<b>Overall Width</b>	97"	(2.46 m) without mirrors
<b>Overall Height</b>	107"	(2.72 m)
<b>Ground Clearance</b>	20"	(50.8 cm)
<b>Curb Weight</b>	26,000 lbs	(11,793 kg) depending on options
<b>Payload</b>	30,000 lbs	(13,608 kg) combined
<b>GVWR</b>	60,000 lbs	(27,216 kg)

## DIMENSIONS FOR FRONT VEHICLE

<b>Overall Length</b>	189"	(4.80 m)
<b>Overall Width</b>	97"	(2.46 m) without mirrors
<b>Overall Height</b>	107"	(2.72 m)
<b>Ground Clearance</b>	20"	(50.8 cm)
<b>Curb Weight</b>	16,000 lbs	(7,258 kg)
<b>Payload</b>	8,000 lbs	(3,629 kg)
<b>GVWR</b>	24,000 lbs	(10,886 kg)

## DIMENSIONS FOR REAR (POWERED) CAR

<b>Overall Length</b>	173"	(4.39 m)
<b>Overall Width</b>	97"	(2.46 m)
<b>Deck Height</b>	43"	(109.2 cm)
<b>Deck Area &amp; Dimensions</b>	113 sq ft (96" x 170")	10.54 m <sup>2</sup> (2.44 m x 4.32 m)
<b>Frame Height</b>	39"	(99.1 cm)
<b>Ground Clearance</b>	20"	(50.8 cm)
<b>Curb Weight</b>	10,000 lbs	(5,443 kg) without deck
<b>Payload</b>	22,000 lbs	(9,072 kg)
<b>GVWR</b>	32,000 lbs	(14,515 kg)

## PERFORMANCE

<b>Maximum Speed</b>	16 mph	(26 km/h)
<b>Ground Pressure</b>	at 0" penetration	
Unloaded	3.6 PSI	(24.82 kPa)
Loaded	5.6 PSI	(38.61 kPa)
<b>Maximum Gradeability</b> (static test when loaded)		
Up Hill	35°	(70%)
Side Hill	25°	(47%)



# Voyager 10T E-Drive Four Track Articulated Carrier Specifications



## ENGINE

<b>Make</b>	FPT - Fiat Powertrain
<b>Model</b>	FPT Iveco N67 ENT
<b>Type</b>	6 Cylinder Diesel
<b>Displacement</b>	6.7 L (408.8 cu. in.)
<b>Injection System</b>	Electronic
<b>Horsepower</b>	235 HP (175 kW) at 2,200 rpm
<b>Torque</b>	753 ft lbs (1,020 Nm) at 1,500 rpm

## POWER TRAIN FOR HYDROSTATIC DRIVE

<b>Transmission</b>	Hybrid electric drive
<b>Drive Sprockets</b>	Steel sprocket hubs
<b>Steering</b>	Articulated with wheel steering operating twin steering cylinders
<b>Control Type</b>	Steering wheel with adjustable column
<b>Parking Brakes</b>	Multi-disc, spring applied, hydraulic release

## FRAME, SUSPENSION & WHEELS

<b>Frame</b>	Corten, welded tub
<b>Suspension</b>	Walking beam with double twin rocker arm with bogie wheels
<b>Wheels</b>	16 front car + 16 rear car = 32 steel wheels
<b>Size</b>	12" steel with oil hub

## TRACKS

<b>Tracks</b>	One piece 24" rubber track with steel reinforcements
---------------	------------------------------------------------------

## FLUID CAPACITIES

	LITRES	U.S. GALLONS
<b>Cooling System</b>	15.2	4.0
<b>Auxilliary Hydraulic Oil Tank</b>	68	18.0
<b>Fuel Tank</b>	151	40.0

## ELECTRICAL

<b>Voltage</b>	12 V
<b>Battery Capacity at 0 deg. F</b>	2 x 850 CCA, 1,700 CCA combined
<b>Alternator Capacity</b>	120 Amps
<b>Ground</b>	Negative

## CAB

- 3-man cab
- Open or closed cab with Roll Over Protection System
- 3x front mechanical suspension seats with 2 point seat belts
- 2 front & 1 rear high powered LED lights
- 1 dome light
- Cab heater defroster
- In cab vehicle status touch screen display
- 12v hydraulic pump for cab tilt

## STANDARD EQUIPMENT

<b>Air cleaner - Type</b>	Dry – two stages with air filter restriction gauge
<b>Instrumentation &amp; Sensors</b>	Tachometer Oil pressure Hydraulic oil temperature gauge Hour-meter Hydraulic oil temperature gauge Coolant temperature Fuel gauge Voltmeter Warning light gauge for: - Low engine oil pressure - High engine coolant temperature - High oil temperature Alternator charge Steering wheel with adjustable column
<b>Manuals</b>	Two sets of Operations, Parts & Service manuals

## ENGINE OPTIONS

- 275 HP or more
- Spark arrestor
- Alternators from 120 to 200 amps
- Reversible fan
- Other engine option available

## COLD WEATHER OPTIONS

- 120v hydraulic oil heater
- Diesel fired coolant heater
- 120v battery heaters
- 12v DC heated fuel filter
- Coolant heater for hydraulic oil
- Coolant heater for fuel tank
- Auxiliary cab heater

## CAB OPTIONS

- Front brush guard
- Front & top guard
- Front air suspension seats
- Closed cab with windshield wiper, recirculation fan and heater defroster
- 6-man cab with rear folding seats
- Rear suspension seats
- 3 point seatbelts for front seats
- 3 point seatbelts for rear seats
- Intermittent windshield wiper
- Additional front wipers
- Dual inside rear view mirrors
- Tinted glass
- Dual sun visors
- Door opening cylinder
- Premium cab sound and heat insulation
- GPS
- Glass escape hatches
- Escape hatch opening limiter
- 25,000 BTU air conditioning
- Air conditioning with pressurized cab
- 45,000 BTU heater for 6-man cab
- Dual side mirrors
- Dual side mirrors with electric heat
- Rear view camera system

## LIGHTING OPTIONS

- Additional front / rear LED lights
- Remote control spotlight
- DOT Road lighting
- Rooftop strobe lights

## FRONT CAR OPTIONS

- Front 2-way plow
- Front 2-way plow with float position
- Front plow top extension
- Front bumper in lieu of plow
- Front hydraulic winch
- Knuckle boom crane
- Outriggers for crane
- Additional hydraulic system cooling
- Deck mounted auxiliary fuel tank
- Auxiliary hydraulic system
- Stake side rear deck
- Rear deck storage compartment

## REAR CAR OPTIONS

- Flat deck
- Stake side flat deck
- Dump box
- Personnel carrier (seating for 12)
- Air conditioner/heater for rear car
- Pintle hook
- 5th wheel with air or electric brake connections
- Deck crane
- Outrigger & subframe for crane
- Tanks for liquids transport
- Winch

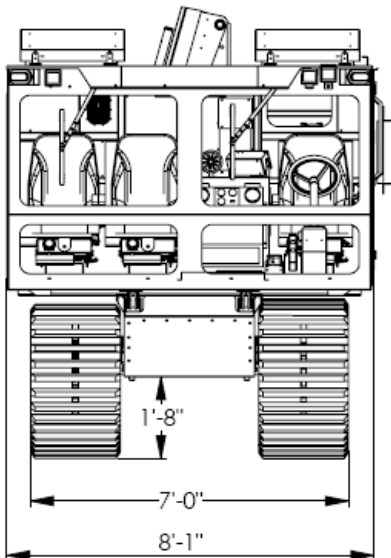
## SUSPENSION OPTIONS

- The Voyager suspension can be configured for a wide variety of end user requirements based on engine, speed, front car GVWR and rear car GVWR.

## MISCELLANEOUS OPTIONS

- Maintenance kit
- Other options available upon request

## Voyager 10T E-Drive Four Track Articulated Carrier with Dump Box



## Voyager 10T E-Drive Four Track Articulated Carrier with Dump Box

