



Model TI 110 S

VEHICLE DESCRIPTION

The model TI 110 S is a low ground bearing pressure, off road, two tracked carrier. It's unique features give outstanding performance in the geophysical, pipeline, utility and construction industries. This model operates with excellence in a variety of terrain conditions.

STANDARD SPECIFICATIONS – MODEL TI-110 S

POWER TRAIN

Engine

Cummins EPA Approved Tier 2 –QSB 5.9, 205 BHP
Torque 625 lbs/ft @ 1500 RPM

Transmission

Allison New World series MD3560
4 speed automatic
MT-643 Allison Automatic available in rebuilt only
Final Drive – M-24 steering differential c/w oil cooler
(4.56:1 ratio low speed)

Planetaries

Rockwell PR200. (3.6:1)

Propeller shafts

Spicer 1710 series

Cab

Two or four man steel, dome light, headlights, panel light,
two speed windshield wipers, insulated, heated,
Optional – One or Two Man **R.O.P.S.** Certified Cab.

Instruments: Full instrumentation: Sundstrand DP610
Display monitor – Charge pressure, Tachometer, Fuel Gauge,
Voltmeter, Hydraulic temperature & pressures, Engine
temperature & pressure

GENERAL SPECIFICATIONS – MODEL TI-110 S

Electrical

Alternator - 100 Amp. 12 Volt
Battery –(2) (31-901CTC) AC Delco

Suspension

Independent crank arm with torsional coil spring.

Wheel hubs

Oil Bath c/w metal face seals

Load Wheels

Tires 8.25 x 20 – solid rubber

Wheels

Rims 6.50 x 20 – 10 stud

Tracks

Heavy Duty 6 ply polyester nylon cord belt with rubber
covering

Grouser Bar

Forged spring steel ½” (12.7mm) thick

Overall Track Width

40.0” (1,016mm)

Sprockets

Steel drive sprocket with replaceable polyurethane muskeg
(D-dent) inserts.

Fuel and hydraulic capacity

100 US Gallons each

ADDITIONAL STANDARD EQUIPMENT

Bumper, pintle hitch, wheel lug nut wrench, mirrors, exhaust pipe rain caps, full underpan (3 removeable sections), operator's maintenance and parts manual

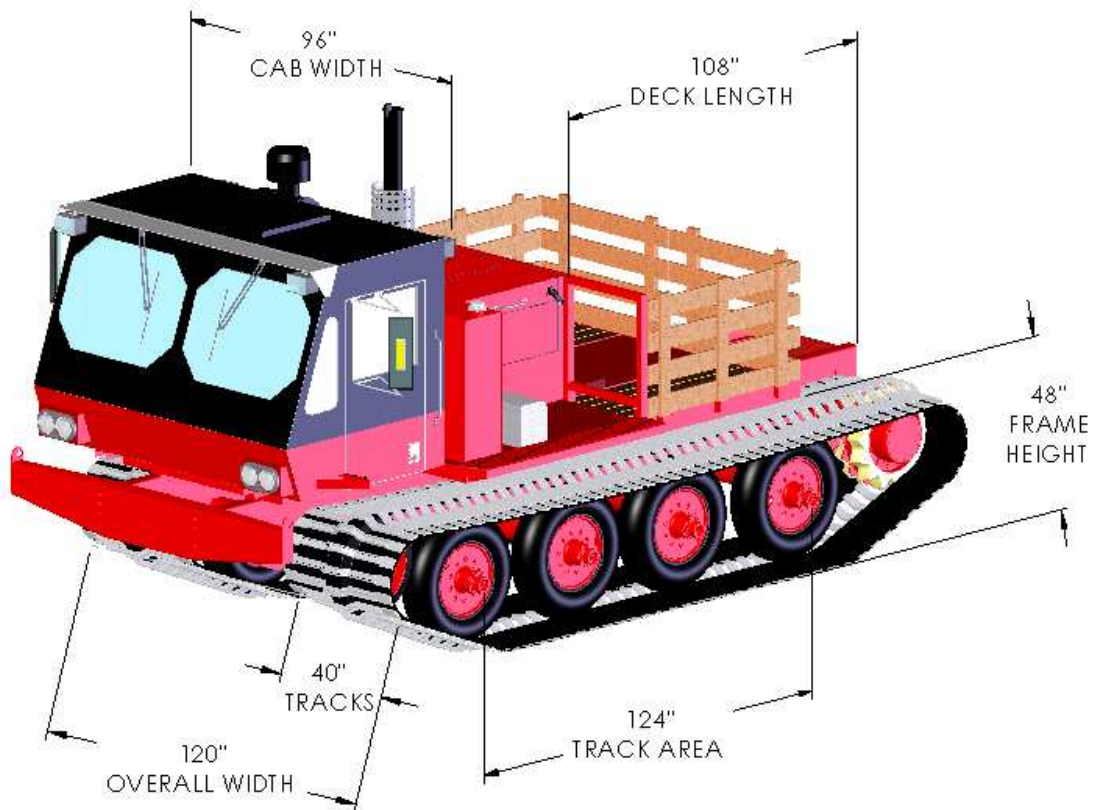
OPTIONS AVAILABLE

Tundra tracks, bush guards, pintle hitch, decks, cab brush guards, foam-filled tires, winches, extra fuel tanks, spare wheel and mount, ice picks and/or reinforcing bar for grouser bars, and custom configurations

DIMENSIONS	Imperial	Metric	PERFORMANCE		
Length			Turning Radius	0	0
Overall	283"	7.18m	Fording Depth	48"	122cm
Height			Ground Clearance	15"	38cm
Overall	116"	2.93	Maximum Speed	12.2 Mph	19.6 km/h
Width			Gradeability:	Forward 60%	Side 40%
Overall					
Tracks On	120"	3.05m	GROUND PRESSURE		
Tracks Off	96"	2.44m	Track Area @ 0" penetration	9920 sq in.	6.40 m ²
			Track Area @ 6" penetration	12,440 sq in.	8.03 m ²
WEIGHTS	Lbs.	Kg.		PSI	Kg/sq. cm.
Tare:	25,000	11,400	No load - 0" penetration	2.52	.177
Payload:	23,000	10,450	Loaded - 0" penetration	4.84	.340
G.V.W.	48,000	21,800	No load - 6" penetration	2.00	.140
			Loaded - 6" penetration	3.86	.271

Note: Tare weight includes deck

Schematic Drawing & Dimensional Detail



SHOWN WITH DECK MOUNTED ENGINE

Unless otherwise stated, specifications are for standard unit and are subject to change without notice. For information on available options, please contact Track Industries Ltd.