



## Model HT 110S

### VEHICLE DESCRIPTION

*The model Hydra Trac HT 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 HT-110 S

#### POWER TRAIN

##### Engine

Cummins QSC 280 HP @ 2200 RPM  
Torque 1000 lbs/ft @ 1500 RPM

##### Hydrostatic Drive

Pump Drive – Durst 3PD06  
Pumps (2) Sundstrand series 90L100  
Motors (2) Sundstrand series 51V160  
Torque Hubs (2) Fairfield W12D series 40:1 ratio  
Oil Tank – 40 US gallons  
System operating pressure 5,000 PSI  
Electronic Self centering steering wheel  
Or Electric Single / Dual Joystick

##### Cab

Single man or Two man **R.O.P.S.** Certified, dome light, headlights, two speed windshield wipers, insulated, heated,  
**Optional:** Crew cab, air conditioning, defroster fans

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

### GENERAL SPECIFICATIONS – MODEL HT-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 7.50 x 20 – solid rubber

#### Wheels

Rims 6.50 x 20 – 10 stud

#### Tracks

Heavy Duty 5 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.

#### Idlers

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

#### Fuel Capacity

99 US Gallons

### ADDITIONAL STANDARD EQUIPMENT

Bumper, Bush Guard, exhaust pipe rain cap, full under pan (3 removable sections), operator's maintenance and parts manual

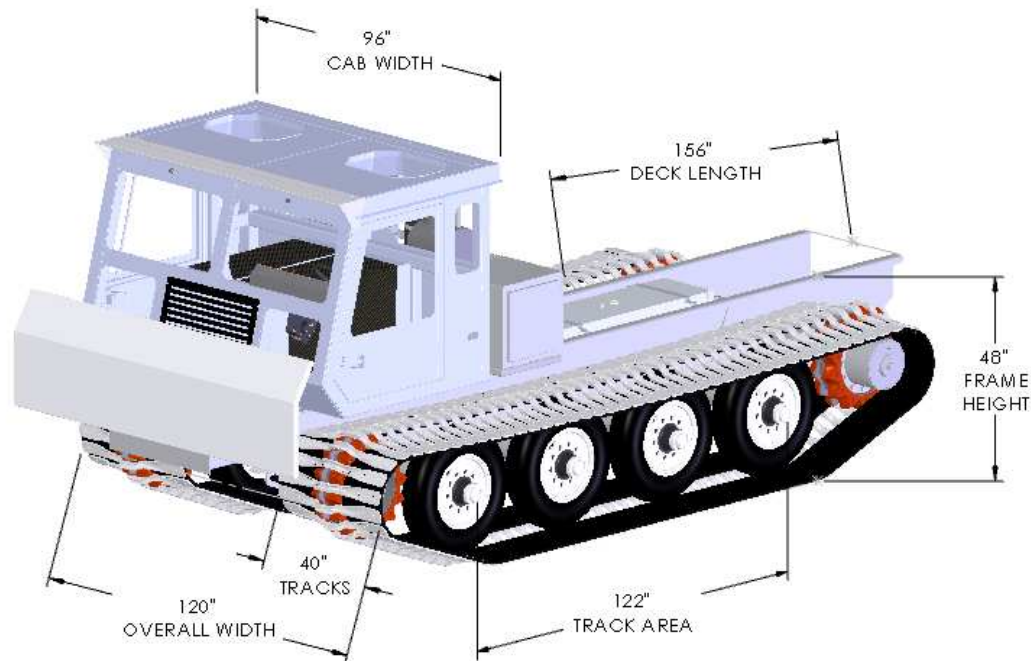
### OPTIONS AVAILABLE

Tundra tracks, decks, brush guards, foam-filled tires, winches, Pintle hitch, fuel tanks, spare wheel & mount, and custom configurations

DIMENSIONS	Imperial	Metric	PERFORMANCE		
<b>Length</b>			Turning Radius	0	0
Overall	283"	7.18m	Fording Depth	48"	122cm
<b>Height</b>			Ground Clearance	15"	38cm
Overall	116"	2.93	Maximum Speed	10 mph	16.1 km/h
<b>Width</b>			Gradeability:	Forward 60%	Side 40%
Overall			<b>GROUND PRESSURE</b>		
Tracks On	120"	3.05m	Track Area @ 0" penetration	9920 sq in.	6.40 m <sup>2</sup>
Tracks Off	96"	2.44m	Track Area @ 6" penetration	12,440 sq in.	8.03 m <sup>2</sup>
<b>WEIGHTS</b>	<b>Lbs.</b>	<b>Kg.</b>		<b>PSI</b>	<b>Kg/sq. cm.</b>
Tare:	25,000	11,400	No load - 0" penetration	2.52	.177
Payload:	20,000	9,072	Loaded - 0" penetration	4.54	.319
G.V.W.	45,000	20,442	No load - 6" penetration	2.00	.140
			Loaded - 6" penetration	3.62	.255

Note: Weight is excluding options

### Schematic Drawing & Dimensional Detail



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.