



Model HT 400XL

VEHICLE DESCRIPTION

The model Hydra Trac 400XL is a hydrostatic all-terrain carrier with quality engineering, excellent performance, and providing long term value. It's unique features give outstanding performance in the geophysical, pipeline, utility and construction industries.

STANDARD SPECIFICATIONS – MODEL HT-400XL

POWER TRAIN

Engine

Cummins EPA Approved Tier 3 QSL9 (365) HP
Torque (1113) lbs/ft @ 1500 RPM

Hydrostatic Drive

Pump Drive – 3 Pad Durst
Pumps (2) Danfoss series - 90L
Motors (2) Danfoss series – 51V
Torque hubs (2) Fairfield
Oil Reservoir c/w Cooler
System operating pressure - 5070 PSI
Controls – Electric self centering steering wheel

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: Tachometer with Engine hours, Fuel Gauge, Voltmeter, Hydraulic Temperature, Pump Charge Pressure, Engine Temperature & Pressure

GENERAL SPECIFICATIONS – MODEL HT-400XL

Electrical

Alternator – 160 Amp. 12 Volt
Battery – (3) - (31-901CTC) AC Delco

Suspension

Heavy Duty Walking Beams c/w urethane bushings

Wheel hubs

Oil Bath c/w metal face seals

Load Wheels

Tires – 1000 x 20 – Solid rubber

Brakes

Spring Applied, Hydraulic released.

Wheels

Rims – 7.50 x 20 -12 stud heavy duty, extra reinforcing

Tracks

PN 240 Heavy Duty 6 ply polyester nylon cord belt with rubber covering

Grouser Bar

Spring steel, heavy duty-1/2"x 4.5" (12.7mm x 114.3mm)

Overall Track Width

45" (1143mm)

Sprockets

Steel Hubs with replaceable urethane sprockets

Idlers

Steel Hubs with replaceable urethane sprockets

Fuel Capacity

130 US Gallons

ADDITIONAL STANDARD EQUIPMENT

- Exhaust Pipe Rain Caps
- Full Underpan c/w 3 removable sections
- Operators Maintenance & Parts Manual
- Tie down hooks
- Cab Visor

OPTIONS AVAILABLE

- Tundra Tracks
- Winches
- Decks
- Cab Brush Guard
- Foam Filled Tires
- Cranes
- Digger Derricks
- Aerial Devices
- Bush Guard
- Extra Fuel Tanks
- Spare Wheel & Mount
- Reinforcing Bars for Grouser Bars
- Reinforcing Bars with Picks
- Pintle Hitch
- Custom Configurations

DIMENSIONS

Length

Overall 376.75" 9.57m

Height

Overall 122" 3.1m

Width

Tracks On 137.50" 3.49m

Tracks Off 137.50" 3.49m

WEIGHTS

Tare: 40,000 Lbs. 18,144 Kg.

Payload: 46,000 20,865

G.V.W. 86,000 39,009

Note: Tare weight (Basic vehicle no options)

PERFORMANCE

Turning Radius 0 0

Fording Depth 54" 137 cm

Ground Clearance 19" 48.26 cm

Maximum Speed 5 mph 8.05 km/h

Gradeability: Forward 40% Side 20%

GROUND PRESSURE

Track Area @ 0" penetration 14,952 sq in. 9.65 m²

Track Area @ 6" penetration 18,847 sq in. 12.16 m²

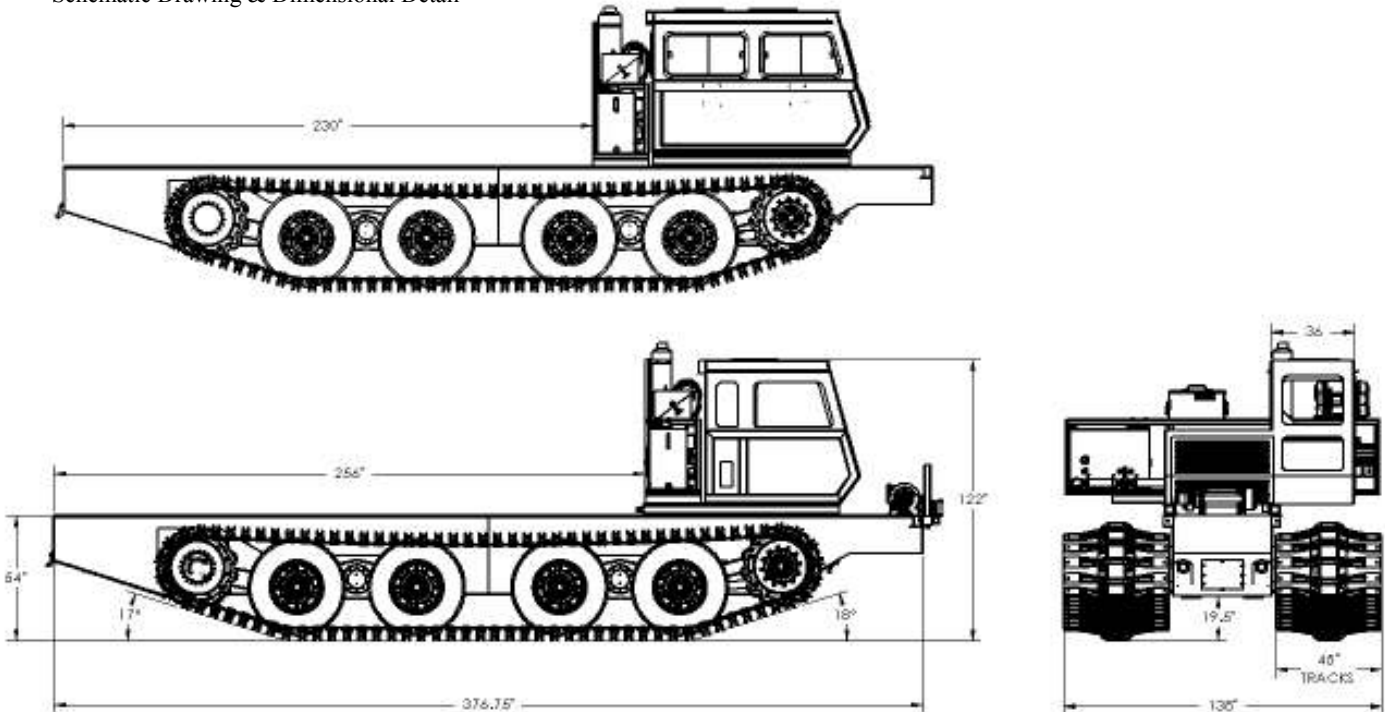
No load - 0" penetration 2.68 PSI .188 Kg/sq. cm.

Loaded - 0" penetration 5.75 .404

No load - 6" penetration 2.12 .149

Loaded - 6" penetration 4.56 .320

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.