



AT-20HD





Quick Specs.	AT-20HD
Payload:	3500lbs.
Dry Weight:	6000lbs.
Gross:	9500lbs.
Suspension:	Independent torsion axle
Track Width:	16" or 22"
Speed:	14 mph
Drive:	Hydrostatic
Steering:	Dual Hydraulic Pilot operated joysticks
Fuel:	Diesel
Horsepower:	74 HP
Width:	60" with 16" track 72" with 22" track
Length:	162"
Height:	82"
Cab Seating:	2
Max Gradient:	Side 40% Front 60%

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MODEL

AT-20HD (HYDROSTATIC DRIVE)

STANDARD FEATURES

Vehicle Overall Dimensions

Length: 156"

Width: 60" with 16" track, 72" with 22" track

Height: 82"

Deck Height: 31" from ground

Deck Area: 60" x 60"

Weights

GVWR: 9,500lbs.

Curb: 5,500 lbs. 16" track; 6,000 lbs. 22" track.

Payload: 3,500 lbs.

Ground Pressure

Unloaded @ 6" Penetration

16" WIDE TRACKS: 1.6 PSI

22" WIDE TRACKS: 1.3 PSI

At Capacity

16" WIDE TRACKS: 2.7 PSI

22" WIDE TRACKS: 2.0 PSI

Frame

Type: Tub Type, Toboggan style frame with full skid plates

Performance

Travel Speed: 14 MPH

Gradeability @ G.V.W.R.: 30 deg. uphill/downhill, 20 deg. Side hill

Fording Depth: 30"

Engine

Make: Hatz

Model: 4H-50

Fuel: Diesel

Number of Cylinders: 4

Displacement: 2.0 liters

HP @ RPM: 74HP @2800 RPM

Torque: 175 LB.FT@ 1,600 – 2,100 RPM

Cold Starting Aid: Glow Plugs

Block Heater: Frost plug type

Air Cleaner: Dual Stage, safety element and dust unloader, Restriction indicator

Cooling System

Radiator: Heavy Duty with protective grill

Operating temperature at maximum load: 180 deg. open, 210 deg. full open

Coolant: Protected from gelling up to -45deg. Celsius

Intercooler: Mounted alongside radiator

Engine Electrical

Ignition Switch: Key Switch

System Voltage: 12 volt DC negative Ground

Alternator Capacity: 65 Amp.

Battery: Single maintenance free battery

Battery Capacity: Min. 1,000 CCA

Battery Disconnect Switch: Master switch mounted inside cab

Remote Battery Jumping Terminals: Mounted within easy reach outside of cab

Cable Size: 2/0

Fuel Tank

Capacity: 18 Gal.

Location: Mounted inside frame

Features: Drain plug, level indicator, fluid baffles

Fuel Water separator: Mounted in convenient location, includes manual drain

Fuel Cap: Spin Off

Exhaust System

Muffler and Spark Arrester: Mounted in engine cover, side outlet

Outlet: 90 deg. Turn Out

Drive System

Drive location: Rear

Type: Hydrostatic

Pumps: Poclain Drive Pumps

Pump Drive: Hayes pump pad

Motors: Poclain MS-05 Two Speed HTLS (high torque low speed) wheel motors

Steering Control: Single hyd. Pilot operated joysticks for reliability and ease of maintenance

Parking Brake System: Integral Disc Brake in Hydraulic Motor, Failsafe

Drive Sprocket: 13 tooth steel hub with molded urethane coating

Hydraulic Reservoir

Tank Capacity: 5 Gal.

Location: Mounted in frame

Cooling Circuit: Thermostatically controlled @ 160 deg. f.

Cooler: High capacity forced cooling, thermostatically controlled

Filters

Charge filters: Single charge filter for each circuit, mounted in easy to reach location with bypass indicator

Return Filter: Mounted in tank, easy access

Suspension

Type: Independent Rubber Torsion Axle

Wheels

Quantity: 8

Type: Steel wheels with molded on rubber tire

Dimensions: 21" x 5"

Tires: Smooth solid rubber tires

Tracks

Type: Steel cross-links with rubber belts or Rubber covered grouser

Width: 16" or 22"

Grouser type, material and profile: Formed high strength steel U-channel

Belt: Rubber, Nylon re-enforced 4-ply high strength belting

Track Tensioner: Automatic, pressure regulated with pressure release valve

Towing Assembly

Type: Receiver

Capacity: 10,000lb.

Deck

Type: Flat cargo deck with headache rack and tie downs

Decking Material: 1/8" steel checker plate

Size: 60" x 60"

Recovery Winch

Available to match customer specs.

Safety and Vandalism protection

Emergency Brake: Integrated multi-disc brake in hydraulic motor. Spring applied when charge pressure is lost.

Control Lock Out: Toggle switch on dash locks out hydraulic control when working around machine

Locks: Door locks standard

Cab

Type: Steel, cab forward, two passenger cab

Personnel capacity: Two

Glass: Tinted tempered glass

Doors: Two lockable doors with sliding windows and screens

Escape hatch: Escape hatch over operator

Seats: Adjustable suspension driver seat and passenger seat

Defroster: Directional heated defrost circuit

Heater: 25 000BTU, two speed cab heater

Windshield wipers: Multi speed

Interior lights: Overhead Dome lights and instrument illumination

Mirrors: Convex rearview mirrors

Cab protection

Bumper: Tubular brush guard to protect front of machine

Brush guards: Available

Window guards: Available

Instruments

Warning lights: (Hydrostatic): High oil temperature, low oil level

Gauges (Engine): Tachometer, Engine Oil Pressure, Coolant temperature, Voltage, Fuel level.

Vehicle lighting and wiring

Wire protection: All wires covered with protective loom.

Switches: IP 65 Rated with led pilot lights

Interior lighting: Dome light and illuminated instruments

Exterior lighting: LED front high intensity light bar and rear LED work lights

Reflectors: Reflective tape on deck, cab, and bumpers

Circuit Breakers: Bus style fuses

Lashing rings

Capacity: Forged 5/8" forged lashing ring, 6,000lb. Capacity.

Location: Welded to frame, 2 in front and 2 in rear.

Finish

Paint: High quality industrial finish of customers corporate colors

Badges: Stainless steel "ALL-TRACK" identifying badges

Decals: Factory installation of corporate decals, warning labels, and starting instructions

Warranty

Alltrack Inc. offers a 1 year, or 1000hr. warranty, whichever comes first on material and workmanship of the tracked vehicle. Individual components covered by warranty according to respective manufacturer. Consult AllTrack warranty policy for further information.

Options

The AT-20HD can be equipped with Drills, Water tanks, Fire fighting equipment, Plows, picker cranes, man lifts, dump boxes, and virtually any other truck mounted equipment. All-Track Service can also modify and alter machine design to accommodate any special needs or applications that your company may have.