



# GT 2000 HY

## FEATURES

### GT 2000 HYNT STANDARD FEATURES

- Produced in an ISO 9001 certified production facility.
  - Employs selected technologies transplanted from tried and tested alpine groomers.
- Hundreds of thousands of operating hours logged

### OPERATORS CABIN

- One person
- Sun roof
- Deluxe suspension seat w/ seat belt
- Integral welded steel frame ROPS SAE J1040 cert.
- Windshield washer and wiper
- Sun visor
- Thermally insulated
- Low interior noise levels
- Rubber mounted
- Dome light

### ALARMS

- Low engine oil pressure
- High engine coolant temperature
- High hydrostatic fluid temperature
- Low hydrostatic fluid level

### EXTERIOR LIGHTS

- Two head lights
- Two rear lights

### GLASS

- Laminated safety glass

### HEATING

- Twenty seven thousand btu heater with adjustable vents for defrosting

### OPERATORS CONTROLS

- Microprocessor drive control:
  - Microprocessor optimizes pump output depending on work load and operator demands
  - Reduces fuel consumption by maintaining engine rpm at peak
  - Automatically controls pumps to avoid overloading engine
  - Minimizes the possibility of overheating by controlling engine load

- Microprocessor drive control: *(continued)*
  - Operator control inputs through a steering wheel and foot throttle
  - Auto diagnostics track vehicle operation and log abnormal operation through fault codes
- Analog gauges monitoring:
  - Engine oil pressure
  - Engine coolant temperature
  - Hydrostatic fluid temperature
  - Engine RPM
  - System voltage
  - Engine service hours
  - Fuel level

### ENGINE

- Cummins industrial diesel
- Turbocharged
- Cold start aid
- Block heater
- Water/fuel separator

### TRANSMISSION

- Fully hydrostatic drive
- High tractive effort for enhanced pulling and climbing power
- Sealed and pressurized system with level sight glass
- Independent left and right pump / motor pairs to avoid cross contamination
- Sauer Sundstrand infinitely variable displacement pumps
- Sauer Sundstrand fixed displacement motors
- Heavy duty drive fluid cooler

### BRAKES - service

- Positive deceleration through the hydrostatic transmission

### BRAKES - parking

- Spring applied, pressure released

### FINAL DRIVE

- Robust planetary reduction gear in oil bath
- Easily disengaged for freewheel mode

### UNDERCARRIAGE & TRACKS

- Four independent walking beams
- Hydraulic track tensioner maintains even track tension
- Front idler sprocket in lieu of idler wheel
- Duo-Cone wheel seals w/ sight glass
- D. dent type 33 inch track
- Heavy duty five ply belting
- Heavy duty steel grouser bars reinforced with 1/2 inch rebar
- Drive and idler sprockets are steel with replaceable urethane drive surfaces
- Solid rubber tires

### STANDARD EQUIPMENT

- Front Towing eyes
- Exhaust pipe rain cap complete with spark arrestor
- All manuals
- Hydrostatic drive fluid heater

### OPTIONAL EQUIPMENT

- Two sticks controlling drive pumps via linear ball bearing cables
- Two FNR levers for control in lieu of steering wheel
- Engine: various capacities and makes
- Cab, two person or crew cab.
- Air conditioning
- Hydraulic system
- Heavy duty brush guards
- Wide, high flotation tracks
- Winch, front and/or rear mounted
- Additional engine heaters
- Engine oil pan heater
- Factory installed aftermarket accessories
- Frame extension front and rear
- Load deck, wood or metal
- Stake sides
- Dump box
- Frame reinforcement
- Track Mounting tool
- Rear pintle hook
- Vandalism protection
- Inclinometer
- Other options available upon request

## TECHNICAL SPECIFICATIONS

### ENGINE

Make	Cummins	
Model	6CTA-8.3	
Type	Diesel	
No of Cylinders	6	
Displacement	506 c.i.	8.3 liters
Horsepower	240 hp @ 2200 RPM	179 kw
Torque	750 lb.ft. @ 1500 RPM	340 kg

### DRIVE TRAIN

Gear drive	Funk 28000
Transmission:	
Type	Hydrostatic
Make	Sauer Sundstrand Series 90
Final Drives:	
Type	Planetary gear
Make	Fairfield

### ELECTRICAL

Voltage	12 volts
Alternator	100 amp
Battery	1 x 760 cca

### DIMENSIONS

Overall Length without extension	210 in.	5.30 m
Overall Width tracks on	102in.	2.59 m
Overall Height	108 in.	2.75 m
Ground Clearance Hard surface	16.5in.	42 cm
Frame Height hard surface	42 in.	106 cm
Curb Weight (basic vehicle)	20000lbs	9072 kg

### CAPACITIES

Fuel tank	80 gal	300 litres
Hydrostatic tank	26 gal	100 litres

### PERFORMANCE

Load Capacity	20000lb.	9091 kg
Maximum Speed	5.3 mph	8.4 km/h
Fording Depth	42 in.	106 cm
Inside Turning Radius	0 in.	0cm
Basic Vehicle at 20,000 lbs		
ground pressure at 0" penetration	2.6 psi	183 g/cm <sup>2</sup>
ground pressure at 6" penetration	2.0 psi	140 g/cm <sup>2</sup>
At G.V.W.	40,000lb	18,144 kg
ground pressure at 0" penetration	5.1 psi	362 g/cm <sup>2</sup>
ground pressure at 6" penetration	4.0 psi	281 g/cm <sup>2</sup>
Maximum Gradeability: side hill	Up to 40%	Up to 40%
fore and aft	Up to 60 %	Up to 60 %

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The specifications given are for a basic vehicle and tested under ideal conditions.  
 The manufacturer reserves the right to change specifications without notice.  
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