

84-2600 SPECIFICATIONS

POWER TRAIN

ENGINE

- DEUTZ TCD 2013 L06 4V Water Cooled with Electric Start
- 319 HP @ 2,200 RPM
- 960 Ft. Lb. Peak Torque @ 1,450 RPM

CLUTCH

- 15.5" Diameter Dual Plate

TRANSMISSION

- Eaton Fuller FR9210B - 10 Speed

MAXIMUM OUTPUT TORQUES AND AUGER SPEEDS

- 1st Gear.....282,739 Ft. Lb. @ 4.9 RPM
- 2nd Gear.....209,188 Ft. Lb. @ 6.7 RPM
- 3rd Gear.....154,551 Ft. Lb. @ 9.0 RPM
- 4th Gear.....114,050 Ft. Lb. @ 12.2 RPM
- 5th Gear.....85,203 Ft. Lb. @ 16.3 RPM
- 6th Gear.....63,425 Ft. Lb. @ 21.9 RPM
- 7th Gear.....46,804 Ft. Lb. @ 29.7 RPM
- 8th Gear.....34,578 Ft. Lb. @ 40 RPM
- 9th Gear.....BLOCKED OUT
- 10th Gear.....BLOCKED OUT
- Reverse309,675 Ft. Lb. @ 4.5 RPM

GEARBOX

- Bonfiglioli 319L2.....19.9 :1 Ratio

AUGER DRIVE

- 6" Inch Hex Drive with Built-in Thrust Bearing

HYDRAULIC SYSTEM

PUMP

- Danfoss E130B – 75.5 GPM @ 2,200 RPM
- 4,495 PSI Continuous/5,800 PSI Intermittent
- Pressure Compensated Load Sensing System

CYLINDERS

- Four 12" Bore x 36" Stroke
- 2,261,946 Lb. @ 5,000 PSI
- 2,623,858 Lb. @ 5,800 PSI Intermittent*

FILTERS

- Return..... 10 Micron Replaceable Element

WORK RANGE

- 36" through 84"

DIMENSIONS

- 84" Mode
 - Center Line47.375"
 - Height102.125"
- Width96"
- Length.....216"

WEIGHTS

- Base Unit 18,000 Lb.
- Sub-Frame 17,500 Lb.
- Master Track 10,000Lb.
- Extension Track 9,500 Lb.
- 84" Master Pusher 3,500 Lb.

OPTIONAL

- Wireless Remote Control
- Hydraulic Winch
- RTS (Rapid Travel System)
- Pathfinder Ready Kit
- Arctic Package
- Vandalism Shield

*Pump life expectancy diminishes rapidly. May void warranty.

84" ABM COMPARISONS

Manufacturer	Model	Horse Power	Torque (Ft. Lb.)	Thrust (pounds)
American Auger	84/96-1800	300	272,236	1,800,000
Barbco	84-1800	304	265,000	1,822,123*
Barbco	84-2600	319	284,506	2,623,858*
Bor-It	N/A	-	-	-
McLaughlin	N/A	-	-	-