

## Astec T560 Specifications

### Engine

- Type: Cummins C8.3 Turbocharged, after-cooled diesel
- Horsepower: 185hp (138 kW) @ 2200 RPM
- Torque: 631 ft-lbs (836 N\*m) @ 1500 RPM
- Cooling System: Cooling Package rated for continuous operation @ 120°F (49°C)

### Fuel Capacity

- 100 Gallon (378 L)
- 10 hrs capacity
- Single filter w/ water separation
- Cab mounted fuel gauge
- Approximately 9.5 gallon (36 L) per hour consumption

### Hydraulic System

- Type: Durst Pump drive  
Dual Hydrostatic Track pumps  
Rated @ 5000 psi ( 34474 kPa)  
33 gpm (125 l/min) max flow
- Pressure and flow compensating  
27 gpm (102 l/min) max flow
- Variable displacement Trencher drive pump  
79 gpm (299 l/min) max flow
- Hydraulic Reservoir: 57 Gallon (215L) capacity

### Track Drive

- Berco (FL6) tracks, rollers and tensioner
- Closed loop Hydraulic drive motor w/ planetary final drive gearboxes
- Variable displacement pumps
- 2 speed track drive motors
- Length: 111" (2.8 m) Centerline to Centerline
- 20" or 24" ( 508 or 610 mm) wide steel track pads available (Single or triple grousers) with tilt frame
- 16" (406 mm) wide poly track pads available
- Spring applied, hydraulic release parking brakes
- Low Ground Pressure--5.3 psi (36.5 kPa) [w/ 6 ft. (1.8 m) boom, Enclosed Cab, 24" (610 mm) Track Pads]

### Speed / Gradeability

- Transport: Infinitely variable from 0 - 1.9 mph (3.2 kph)
- Work: Infinitely variable from 0 - .8mph (1.3 kph)
- Gradeability: 50%
- Maximum Cross Slope 18%

### Trencher

- Hydrostatic drive thru planetary gearbox
- Boom Travel
- Up 5°
- Down 52°
- End Idler 30" (762 mm) diameter single tailwheel w/ forged O.D. to limit wear.  
Optional 36" (914 mm) diameter double tailwheel available.
- Chain Speed  
Dirt/soft rock: 0 - 858 fpm (262 M/minute)  
Hard rock: 0 - 473 fpm (144 M/minute)
- Trench Depth: 4' - 8' (1.2 - 2.4 M)
- Single or dual drive sprockets (Bolt-on, split sprockets for serviceability)

### Spoil Conveyor

- Belt Speed: 0 - 1000 fpm (305 M/minute) - left or right
- Belt Width: 24" ( 610 mm)
- Discharge Height: 51" - 55" (1295 - 1397 mm)
- Shift Travel: 31.5" (800 mm)

### Rockwheel Attachments

- Quarry Saw  
Trench Depth: 40" (1016 mm)  
Trench Width: 2-3/4" (70 mm)
- Segmented Saw  
Trench Depth: 40" (1016 mm)  
Trench Width: 6", 8" or 10" (152, 203 or 254 mm)

### Options

- Truck Loading Conveyor
- Automatic depth control via laser interface
- Rigid Tracks
- Enclosed operators station - Pressurized, A/C and heat ( factory- or field installed)
- Automatic leveling capability for tilt frame