

# ***ASTECC***

## ***DD-3238***



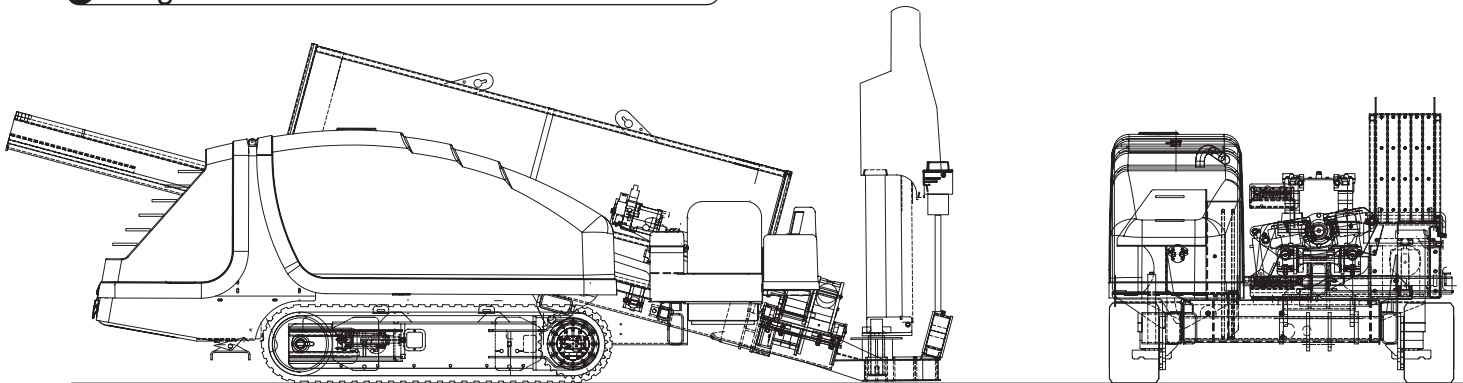
- 32,000 lb Thrust/Pullback force
- 3,800 ft-lbs. of rotary torque
- Dual Rack & Pinion Carriage Drive
- Single Multi-function joystick controls
- State-of-the-art rod loading capabilities!
- Hinged hoods allow easy access to all routine service points
- Enclosed mud pump



- New LCD multifunction operational screen at operators' station
- Two-speed floating carriage
- 47 gpm onboard fluid pump

# Astec DD-3238 Directional Drill

## Weights & Dimensions



### Transport Mode:

- Width: 88" (2.2 m)
- Length: 237-1/2" (6.0 m)
- Height: 98-1/2" (2.5 m)

### Drilling Mode:

- Width: 115" (2.9 m)
- Length: 233-1/2" (5.9 m)
- Height: 87-1/2" (2.2 m)

- Ground Clearance: 12" (305 mm)
- Approximate Operating Weight: 17,280 lbs ( 7,838 kg)  
( Includes 500 ft / 152m of Drill Pipe)

## Engine

|                 |  |
|-----------------|--|
| Engine          | John Deere® 4045T Diesel                       |
| Rating          | 125 hp (93.2 kW)                               |
| Fuel capacity   | 67 U.S. gallons (254 L)                        |
| Other Features: | Quiet-Pak® Sound reduction system is standard. |

## Rotary Drive

|                   |  |
|-------------------|--|
| Rotary system     | Pinion and gear drive<br>Infinitely variable speed & torque  |
| Rotary            | 0 - 3,800 ft-lb. ( 5,152 Nm)   |
| Max. rotary speed | 225 rpm  |
| Fluid course      | 1" (25 mm)   |
| Other features    | Digital LCD gauges for Rotation, Thrust, and Engine Functions, Rear mounted mud swivel, drive brake, floating carriage, digital tachometer |

## Carriage Drive

|                      |  |
|----------------------|--|
| Max. thrust/pullback | 32,000 lb (14.5 Tonnes)  |
| Carriage system      | Two-speed floating carriage with two-pinion drive Dual Rack and Pinion |
| Carriage speed       | Up to 120 ft/min (36.6 m/min)  |

## Drilling Unit

|                    |   |
|--------------------|---|
| Travel system      | Self propelled on rubber tracks.  |
| Flat Surface Speed | 2.0- 3.25 mph (3.2 - 5.2 km/h)  |
| Drill angle        | 15.5°   |
| Wrench/clamp       | Open top floating vise grip type  |
| Weight, drill unit | Approx. 17,280 lb ( 7,838 kg) with 50 pieces ( 500 ft. / 152 m) of pipe                                   |
| Hold down system   | Powered hydraulic augers in foot. Rear thrust stabilizers resist rearward movement of drill when pushing. |

## Drilling Fluid Pump

|                  |  |
|------------------|--|
| Onboard Mud Pump | Triplex pump   |
| Output           | 0 - 47 GPM (178 L/min)@1500 psi (103 Bar), Infinitely variable |

## Pipe Loader

State-of-the-art rod loader uses 10' (3.05m) drill stem. Total pipe capacity on drill is 500 ft (152.4m)

## Drill pipe (optional)

|                     |                      |
|---------------------|----------------------|
| Length              | 10 ft (3,048 mm)     |
| Outside dia. (tube) | 2-3/8 inch (60.5 mm) |
| Water course        | 1-7/8 inch (48 mm)   |
| Tool joint O.D.     | 2-5/8 inch (66.5 mm) |

## Protective Equipment

Each drill comes with safety mats and electrical grounding rods. A Zap-Alert system is standard equipment. Emergency shut down switch at driller's console. The ES!LOK® exit-side lockout system is standard equipment.



Due to our continuing product improvement, specifications are subject to change without notice.  
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