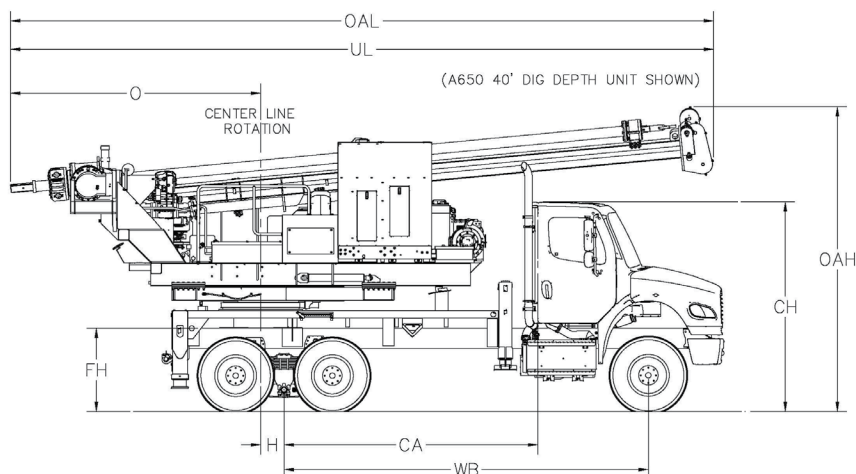


AUGER DRILL

Terex® Auger Drills are known throughout the industry for rugged reliability. They come with a long history featuring quality and innovative design.

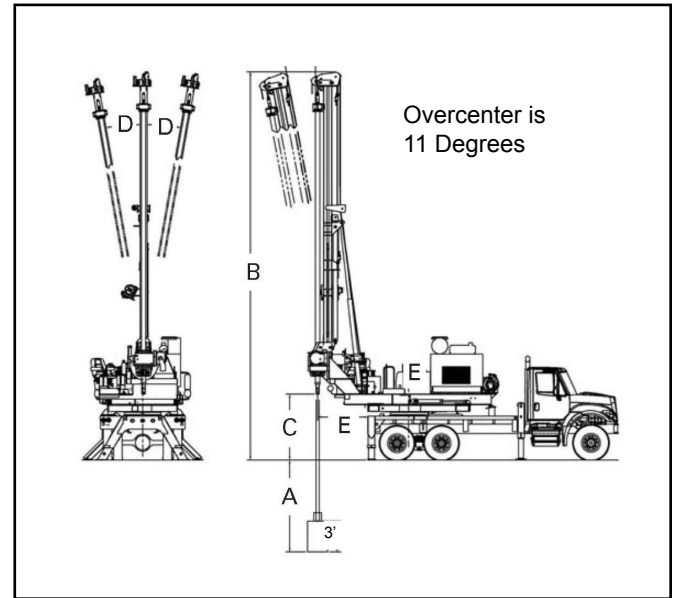


| Measurements | 650HDR-30 Short Mast | 650HDR-40 |
|------------------------------------|--|--|
| Typical Frame Height (FH) | 42 in. (106.7 cm) 6x4 chassis / 45 in. (114.3 cm) 6x6 chassis | 42 in. (106.7 cm) 6x4 chassis / 45 in. (114.3 cm) 6x6 chassis |
| Typical Cab Height (CH) | 109 in. (276.9 cm) Max CH (69" + FH) | 109 in. (276.9 cm) Max CH (69" + FH) |
| Offset (O) | 11' 6" (3.5 m) | 10' 6" (3.2 m) |
| Overall Height (OAH) | 12' 0" (3.6 m) | 13' 5" (4.1 m) |
| Overall Length (OAL) | 32' 0" (9.8 m) | 31' 6" (9.6 m) |
| Unit Length (UL) | 22' 9" (6.9 m) | 31' 6" (9.6 m) |
| Center of Rotation (H) | 12.5" (31.8 cm) | 12.5" (31.8 cm) |
| Cab to Trunnion (CT) | 126 in. (320 cm) | 126 in. (320 cm) |
| Wheel Base (WB) | 201 in. (511 cm) | 201 in. (511 cm) |
| Front Axle (FA) | 16,000 lb. (7,258 kg) | 16,000 lb. (7,258 kg) |
| Tandem Rear Axle (RA) | 40,000 lb. (18,144 kg) | 40,000 lb. (18,144 kg) |
| Gross Vehicle Weight Rating (GVWR) | 56,000 lb. (25,401 kg) | 56,000 lb. (25,401 kg) |
| Frame Section Modulus | 24.0 in ³ (Double Channel Frame Required) | 24.0 in ³ (Double Channel Frame Required) |
| Frame Yield Strength | 80,000 psi | 80,000 psi |
| Frame RBM | 1,920,000 in-lbs | 1,920,000 in-lbs |

650HDR AUGER

STANDARD EQUIPMENT

- 240 Degree Turntable Base Rotation Angle
- 24 in. Frame Travel, fore and aft
- Radio Remote Controls
- 50 Gallon Fuel Capacity
- 100 Gallon Hydraulic Reservoir
- John Deere 155 HP 4 Cylinder Diesel Engine - Tier IV Certified
- Hydrostatic Drive with High / Low Range
- Front & Rear Hydraulic A-frame Outriggers
- Outrigger Motion Alarm
- Kelly Bar - 2 Bar Telescopic System 5" Outer x 3.5" Inner Bar
- Service Winch - Mast Mounted 5,000 lbs (2,268 kg) Rated Capacity
- Constant Crowd/Drill Rotation Controls to Match Toughest Drilling Conditions
- 100 Gallon Water TANK with Discharge Pump at Operator Station
- Outrigger Interlock



CAPACITIES & DIMENSIONAL DATA (Based on a 40 inch Frame Height)

| Model | 650HDR-30 Short Mast | 650HDR-40 |
|---|-------------------------------------|-------------------------------------|
| (A) Drill Depth (With 3' Tall Auger Tool) | 30.0 ft (9.1 m) | 43.0 ft (13.1 m) |
| Drill Torque | 32,000 ft/lbs (43,386 N-m) | 32,000 ft/lbs (43,386 N-m) |
| (B) Mast Height - Overall Working Height | 24.0 ft (7.3 m) | 37.9 ft (11.6 m) |
| (C) Kelly Bar Ground Clearance - Retracted | 65" (165.1 cm) | 77" (195.6 cm) |
| (D) Mast Level | 10° Left & Right | 10° Left & Right |
| Crowd Capacity - (rated capacity) | 24,500 lb (11,123 kg) | |
| Hoist Capacity - (rated capacity) | 18,000 lb (8,172 kg) | |
| (E) Frame Travel Clearance | 4' 10" Extended 2' 10" Retracted | 4' 10" Extended 2' 10" Retracted |

OPTIONAL EQUIPMENT

- Multi-Function Joystick Controls with Conventional Operator's Seat Platform
- Mounting on a Crawler Carrier *Contact factory for mounting requirements & available options
- Toolbox