

PERFORMANCE SPECIFICATIONS

Hydraulic Feed System

Pulldown force: 11,700 lbs [5,307 kg]

Retract force: 15,700 lbs [7,121.4 kg]

Feed speed, down: 0-100 ft/min [30.5 m/min]

Feed speed, retract: 0-80 ft/min [24.4 m/min]

Feed stroke: 6 ft [1.83 m] or 13 ft [3.96 m]

Power Unit

Diesel Engine: 140 HP (104 kW) Engine

Tier 4 available upon request

Engines include: 12V starting circuit, electronic engine module installed in the operators control panel, 40 gallon (151 l) fuel tank with lock, lockable battery box, cold weather starting package.

Hydraulic Pumps

Minimum 3-pump system to support Feed, Rotation & Auxiliary functions on separate circuits.

X-Series Drill Heads

Drive: Helical gear

Max chuck size: P Wireline

1.

8-SPEEDS

Open bore: 4-5/8 in [118 mm]

Maximum rotary speed: 1,000 rpm

Maximum torque: 8,000 ft-lb [10,847 Nm]

2.

8-SPEEDS

Open bore: 4-5/8 in [118 mm]

Maximum rotary speed: 1,200 rpm

Maximum torque: 5,000 ft-lb [6,779 Nm]

SPT Automatic Hammer

ASTM D-1586 standards, standard duty and heavy duty

140 lb [63.5 kg]

170 lb [77.1 kg]

300 lb [136.1 kg]

340 lb [154.2 kg] slugs available

Hydraulic self compensating

Leveling Jacks

Single or dual front/dual rear

24 in [609 mm] or 36 in [914 mm] stroke

Estimated Operating Capacities

Hollow stem augers, 3-1/4 in [82.6 mm] ID: 175 ft [53.3 m]

Continuous flight auger, 6 in [152.4 mm] OD: 300 ft [91 m]

Continuous flight auger, 14 in [355.6 mm] OD: 60 ft [18.3]

Rotary drilling, NW: 1,500 ft [457 m]

Diamond core drilling, N Wireline: 1,600 ft [487 m]



Note: Above drilling capacities may vary according to sub-surface conditions, hoist capacity and rotary head option.

Hoists

MAIN—SINGLE LINE CAPACITY: 8,500 lbs [3,855.5 kg]

Line speed: 0-75 ft/min [0-22.9 m/min], 0-325 ft/min [0-99.1 m/min] reverse

Cable diameter: 1/2 in (.500) [12.7 mm]

Cable length: 100 ft [30.48 m]

AUXILIARY—SINGLE LINE CAPACITY: 3,000 lbs [1,361 kg]

Line speed: 0-126 ft/min [38 m/min]

Cable diameter: 5/16 in (.325) [7.9 mm]

Cable length: 75 ft [22.9 m] standard

SAFE-T DRIVER HOIST: 900 lbs [408.2 kg]

Line speed: variable up, freefall down

Cable diameter: 1/4 in (.250) [6.4 mm]

Cable length: 300 ft [91.4 m] standard

WIRE LINE HOISTS - A WIDE VARIETY ARE AVAILABLE

Line capacities from 700 ft [213 m] to 7,500 ft [2,286 m]

Optional Equipment

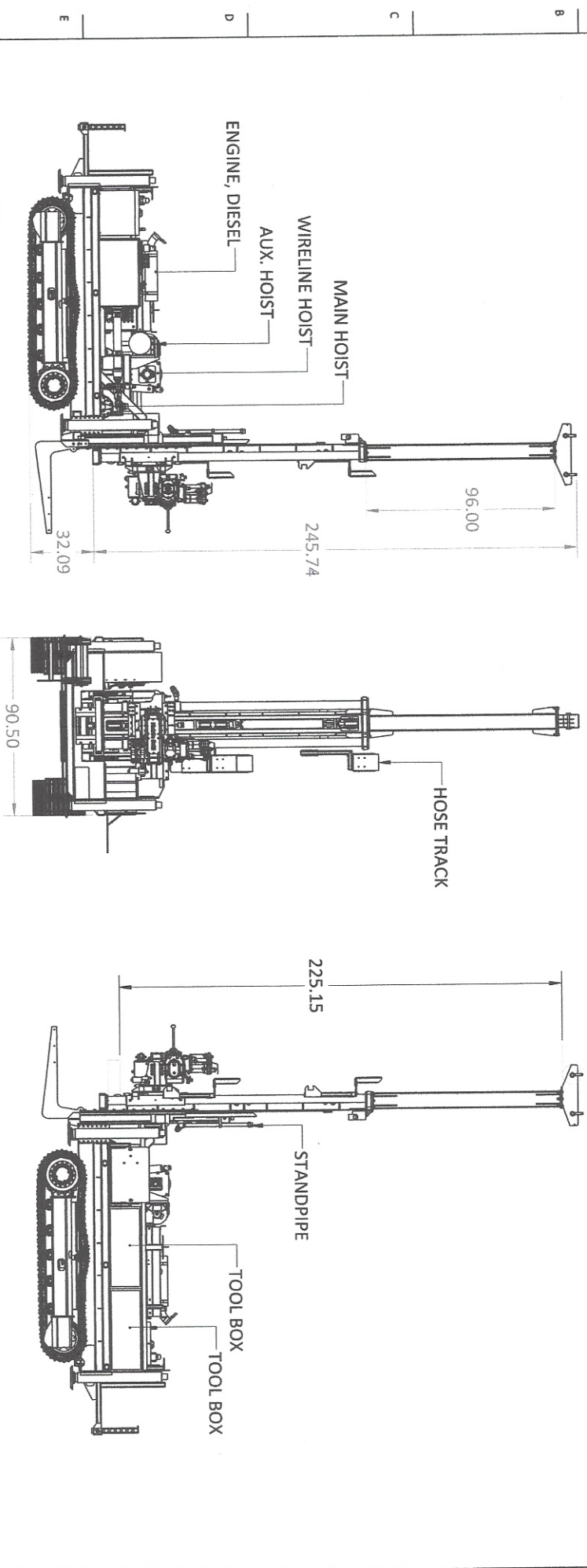
- 6-foot feed stroke for low overhead work or 13-foot feed stroke for longer drilling tools
- In-out slide base/Side-to-side slide base
- Adjustable auger guide support
- Above deck combination auger/rod rack
- Front mounted auger rack
- Swing out under body auger racks
- Water pumps
- Hydraulic chuck
- Break out wrench
- Rod clamp
- Make and Break clamp
- Mast dump
- And much more!




Mounting Options

Truck, trailer, track carrier

NOTE: Engineering specifications are theoretical, actual performance will be different, specifications are subject to change without notice.

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	ZONE	REV. No.	ECO No.	DESCRIPTION	APPROVED BY	DATE		

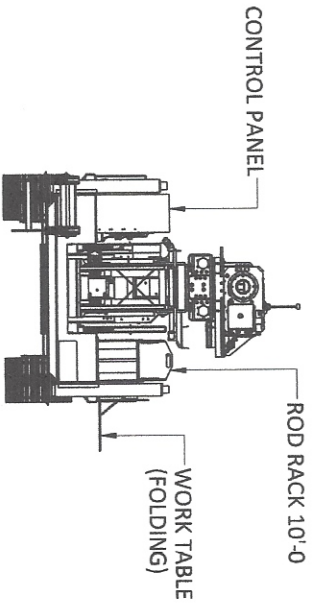
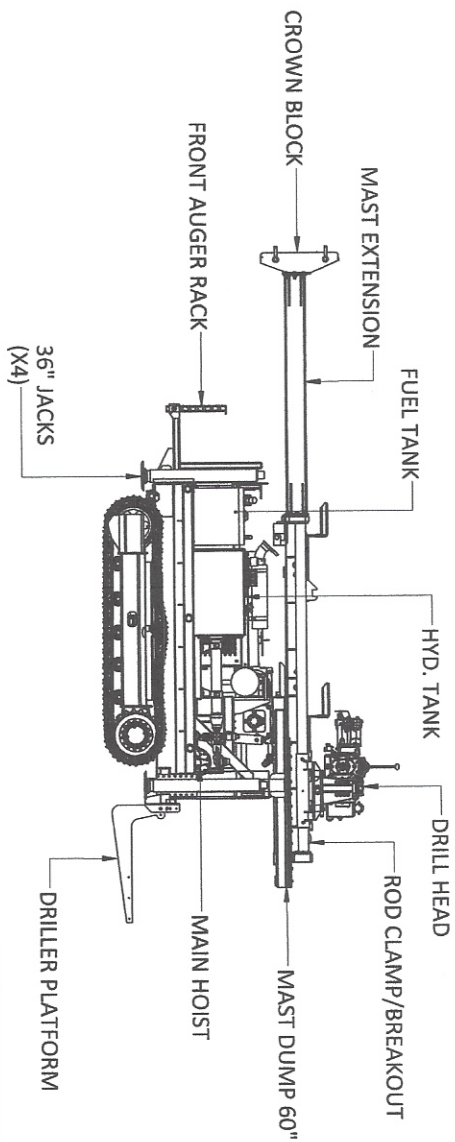
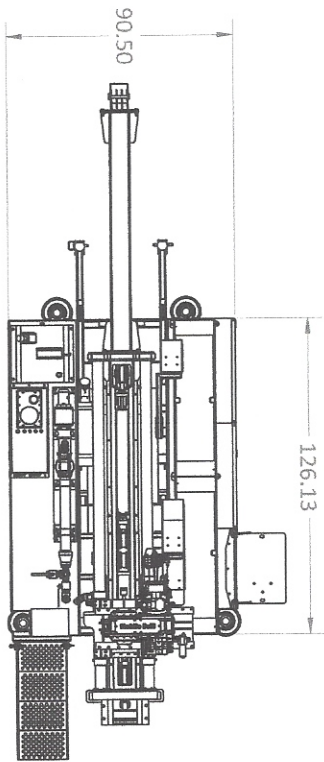


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SHEET 1 OF 2			



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REVISIONS: p/PREVIOUS VALVE, c/CHANGE, a/ADDITION, r/REMOVAL					
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