

EMD 15 auger drives



AUGER DRIVE MODEL		
EMD-15		
TOTAL UNIT WEIGHT	825 LBS / 374 Kg	
HYDRAULIC MOTOR INFORMATION		
Displacement	17.8 cu/in (293cc)	
Motor Type	Two Speed Bidirectional	
Motor Output Shaft	1-1/4" Spline 14T	
Motor Mount	SAE - C 4 Bolt	
Motor Ports	1-5/8" - 12 UN-2B	
Cross Over Pressure Relief	Set @ 3100 psi	
PLANETARY GEARBOX INFORMATION		
Gearbox Type	Planetary Two Stage	
Reduction Ratio	26.52:1	
Output Shaft	3" Hex	
Oil Capacity	3.0 Gallons	
Oil Type	SAE 80W90 GL-5	
Shaft Pull Out (lbs.)	22,500 lbs.	
REFERENCE TORQUE CHART		
Pressure Bar (PSI)	High Torque (ft/lbs)	Low Torque (ft/lbs)
110 (1600)	8254	4127
124 (1800)	9287	4643
137 (2000)	10318	5159
151 (2200)	11350	5674
165 (2400)	12382	6191
179 (2600)	13414	6707
193 (2800)	14445	7223
206 (3000)	15478	7738
REFERENCE SPEED CHART		
Flow Liter (GPM)	Low Spd (rpm)	High Spd (rpm)
75 (20)	8	16
113 (30)	12	24
151 (40)	16	32
190 (50)	20	40

The EMD-15 drilling drive will turn those utility and small foundation augers in most soil types. The auto shift feature allows the drive to automatically shift between high speed, low torque and low speed, high torque.

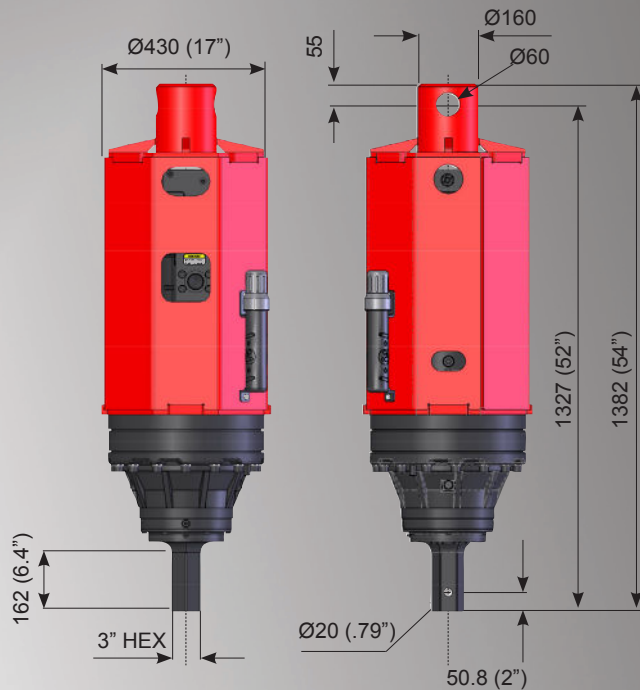


AUGER STAND

SAFE - SIMPLE – SAVES Time.

- >>> Connection of Drill to Excavator made easy from the vertical position holder – no more lining up at ground level.
- >>> Safe and accurate handling when loading augers on to the drill unit – no more time wasted or hassle when connecting auger sections together.
- >>> Secure and Safe transport both too site and when on site – saves handling time.
- >>> Excavator Mounted Drill and Auger Stand gives you easy cleaning of all augers and extensions.

Stand holds the following auger options,
 1 Auger Drill Unit.
 1 off 1.5m Lead Auger.
 4 off 1.5m sections of Flight Augers.
 2 off 1.5m Extensions, Total possible drilling depth 10.5m.
 Auger Dia. Available to fit into stand, 350,400,450,500,600mm



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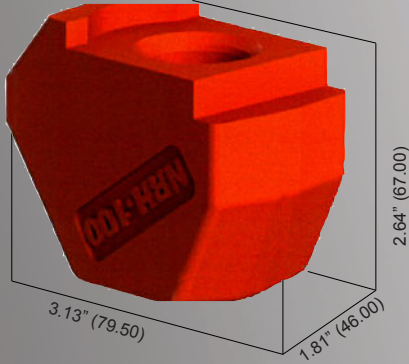
ONE | THREE drilling teeth HOLDER | SEVEN drilling conditions

Non-Rotating (NR) Radial Tooth

Non-Rotating Wedge Tooth (NRW)

Strata (SR) Rotating Conical Tooth

PATENT PENDING



NRH-100
Trident Holder
for 1" Shank
Trident Series Teeth
990088

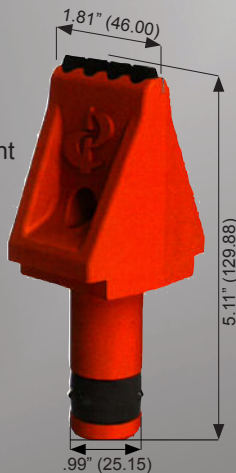


ITEM	SHANK DIA	BOX QTY	BOX WEIGHT	PART NO.
NRH-100 TRIDENT HOLDER	1"	15	36.3	990088
NR-100 TOOTH	1"	35	47.25	990092
SR-100 TOOTH	1"	35	36.75	850023
NRW-100 TOOTH	1"	40	41.2	990098



- 1
- 2
- 3
- 4
- 5
- 6

118°
Drill Point

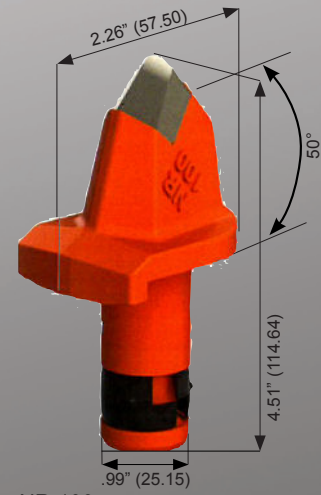


NW-100
Non-Rotating
Wedge Tooth
990098



SR-100
STRATA CONICAL
Tooth
850023

6



NR-100
Non-Rotating
Tooth
990092

7

- 1 **Dirt** peat, organic silts, very loose sand, very soft, swamp, marsh. Soil Abrasion: LOW
- 2 **Sand** loose, fine sand; loess and medium clay, flood plain soils, lake clay. Soil Abrasion: MED
- 3 **Silt** coarse sand to stiff clay, dense hydraulic fill, compacted fill, residual soils. Soil Abrasion: HIGH
- 4 **Clay** stiff to very stiff clay, glacial fill, hard-pan, marls. Soil Abrasion: LOW to MED
- 5 **Gravel** basalt, very hard silts and clay, weathered laminated rock. Soil Abrasion: HIGH
- 6 **Fracturable Rock** caliche, coarse gravel and cobbles; frozen soil. Soil Abrasion: HIGH
- 7 **Non-Fracturable Rock** granite, basalt, massive limestone. Soil Abrasion: HIGH