



DRILL SERGEANT EXCAVATOR SPECS	Units	BASE MACHINE
Rotary Torque - Low Speed	ft-lbs kN-m	8,000 11
Rotary Torque - High Speed	ft-lbs kN-m	4,000 5
Drill Speed - High	RPM	70
Drill Speed - Low	RPM	35
Kelly Winch	lbs kN	4,500 20
Kelly Bar	qty	6 element square bars (3" inner with 2.5" hex stub or 3" square stub)
Dig Depth - Maximum	ft m	25 8
Crowd Stroke	in mm	20 510
Crowd Force	lb kN	3,500 16
Side Tilt - Left	deg	15
Side Tilt - Right	deg	15
Auger Diameter - Minimum	in mm	12 200
Auger Diameter - Maximum	in mm	36 900

**DSX CAPABILITIES:**

- Fencing
- Shallow wells
- Guard Rails
- Utility Poles
- Sign-posts
- Landscaping
- Shoring/shaft work
- Pedestrian bridges to overpass bridges
- Vertical elements shoring walls
- Soldier pile beams
- Sound wall shafts
- Anchor systems
- Short micro piles
- Dewatering wells
- Core Drilling
- Pole barns
- Light poles
- Flag poles
- Electrical service contractor
- Street lighting
- Pier and beam foundations
- Stabilization foundations
- Vertical culverts
- Solar farms foundations
- Precision work over dangle drill
- Screw piles/anchors
- The list goes on...





With the Drill Sergeant Excavator Attachment you have most of the benefits of Drill Sergeant with greater reach and more swing.



**Conventional Rotary Drill Rigs**

Accuracy/Verticality  
Crowd/Torque

Project Delays & Missed Due Dates



**Dangle Drills**

Skilled Labor Shortage  
Extremely Limited Access Job Sites  
Mobilization/Demobilization  
Time & Expense  
Expense & Complexity of Equipment  
Maintenance & Breakdown Costs  
More Ways to Utilize Existing Equipment



Project Delays & Missed Due Dates  
Accuracy/Verticality Crowd/Torque  
Skilled Labor Shortage  
Extremely Limited Access Job Sites  
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Time & Expense  
Expense & Complexity of Equipment  
Maintenance & Breakdown Costs  
More Ways to Utilize Existing Equipment  
Equipment Overkill/Underkill to Value of Project  
Open Doors to Expanded Business Opportunities

