



# ExcaDrill<sup>®</sup> EX90

*Excavator Attachment*



Made in America  
Best in the World

*Dedicated to Our Customers' Success.*

## Defining Features

- Dual Drive Rotary:** From 90,000 ft-lbs to 100 rpm spinoff without clutches or gear shifting
- Full Power:** The full horsepower of the excavator is delivered to the tool for maximum production.
- Optimal Output:** Variable torque/speed/crowd can be dialed in to match conditions.
- Bigger Bars:** Large diameter rotary means less wear and tear on kelly bars.
- Tool Reach:** Boom mounted design brings versatility unmatched by mobile mounted rigs.
- Reduced Weight:** Unique boom/rotary design reduces transport weight and stress on the mast.
- Full Top Crowd:** Full length top applied crowd drills straighter holes and simplifies kelly locking.
- Kelly Winch Drum:** 24" grooved, single layer drum with roller maximizes linepull & eliminates wire rope wear.
- Faster Kelly Winch:** Controlled freefall & variable motor gets you up and down faster than any other drill.
- Interchangeable Bars:** Swap between round or square to kellys to match your drilling conditions.
- Excavator Interface:** Optimized hydraulics interface simplifies operation and maintenance.
- Customization:** Watson is a custom manufacturer that welcomes the opportunity to customize rigs.

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## Excavator Attachment

### Specifications:

Rotary Torque	90,000 ft lbs	122 kNm
Crowd Force	30,000 lbs	133 kN
Main Winch Line Pull	30,000 lbs	133 kN
Main Winch Line Speed	200 fpm	61 mpm
Service Winch Capacity	12,000 lbs	53 kN
Side Tilt	7°	7°
Drill Depths	40 - 94 ft	12.2 - 28.7 m
Typical Combined Weight	110,000 lbs	49,865 kgs
Attachment Weight	18,000 lbs	8,164 kgs
Typical Excavator Size	35-40 metric tons	35-40 metric tons

*Specifications subject to change depending on configuration.*

## Standard Options

- Multiple height/depth configurations are available.
- Quick disconnect boom / hydraulics / counterweight
- Custom Kelly stubs / service winches / Paint schemes
- Reaction jack for increased performance on rock.



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