



## HEM

### HYDRAULIC EXCAVATOR MOUNT

The HEM (Hydraulic Excavator Mount) is the most popular drilling attachment manufactured at TEI Rock Drills. The stable excavator base with long boom combine to form an excellent drilling platform. The HEM receives hydraulic power from the excavator's hammer circuit; no additional hydraulic plumbing is required. TEI solely uses their patented hydraulic drifters and feed systems to build the HEM. These technically advanced drifters have an Automatic Stroke Adjustment or ASA. This feature brings the hammer into an idle mode when the drill string is not engaged. When the operator puts down pressure on the drill string the ASA automatically brings the hammer up to full power. The built-in swivel accepts air, water or grout for all types of drilling including the installation of the popular hollow bars.



# HYDRAULIC EXCAVATOR MOUNT

| HEM 360 WITH TE360 DRIFTER |              |             | HEM 350R WITH RDS350 ROTARY |              |              |
|----------------------------|--------------|-------------|-----------------------------|--------------|--------------|
|                            | U.S.         | Metric      |                             | U.S.         | Metric       |
| HYDRAULIC FLOW             | 36 gpm       | 136 lpm     | HYDRAULIC FLOW              | 30 gpm       | 114 lpm      |
| HYDRAULIC PRESSURE         | 2250 psi     | 155 bar     | HYDRAULIC PRESSURE          | 3000 psi     | 209 psi      |
| HOLE SIZE                  | 1 3/8" to 3" | 35 mm-76 mm | HOLE SIZE                   | 2 3/4" to 8" | 70 mm-203 mm |
| TOTAL LENGTH               | 16 ft        | 4.9 meters  | TOTAL LENGTH                | 16 ft        | 4.9 meters   |
| DRILL TRAVEL               | 11.75 ft     | 3.6 meters  | DRILL TRAVEL                | 11.75 ft     | 3.6 meters   |
| PULLBACK                   | 7,350 lbf    | 33 kN       | PULLBACK                    | 7,350 lbf    | 33 kN        |
| APPROX. WEIGHT             | 3,290 lbs    | 1,492 kgs   | APPROX. WEIGHT              | 3,175 lbs    | 1,440 kgs    |
| MINIMUM EXCAVATOR SIZE     | 13 ton       | 13 ton      | MINIMUM EXCAVATOR SIZE      | 13 ton       | 13 ton       |

  

| HEM 760 WITH TE760 DRIFTER |           |              | HEM 550R WITH RDS550 ROTARY |           |               |
|----------------------------|-----------|--------------|-----------------------------|-----------|---------------|
|                            | U.S.      | Metric       |                             | U.S.      | Metric        |
| HYDRAULIC FLOW             | 47 gpm    | 178 lpm      | HYDRAULIC FLOW              | 40 gpm    | 152 lpm       |
| HYDRAULIC PRESSURE         | 2500 psi  | 172 bar      | HYDRAULIC PRESSURE          | 3000 psi  | 207 bar       |
| HOLE SIZE                  | 2" to 5"  | 52 mm-127 mm | HOLE SIZE                   | 4" to 12" | 102 mm-305 mm |
| TOTAL LENGTH               | 16 ft     | 4.9 meters   | TOTAL LENGTH                | 16 ft     | 4.9 meters    |
| DRILL TRAVEL               | 11.75 ft  | 3.6 meters   | DRILL TRAVEL                | 11.75 ft  | 3.6 meters    |
| PULLBACK                   | 7,350 lbf | 33 kN        | PULLBACK                    | 7,350 lbf | 33 kN         |
| APPROX. WEIGHT             | 3,750 lbs | 1,700 kgs    | APPROX. WEIGHT              | 4,800 lbs | 2,177 kgs     |
| MINIMUM EXCAVATOR SIZE     | 20 ton    | 20 ton       | MINIMUM EXCAVATOR SIZE      | 20 ton    | 20 ton        |



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Specifications subject to change without notice.  
TEI technical specifications consider a 40% hydraulic power loss.



**QUALITY POLICY**  
CONTINUAL IMPROVEMENT OF CUSTOMER VALUE THROUGH  
INNOVATION, EFFICIENCY AND INTEGRITY

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