Ranger DX700 is a hydraulic, self-propelled, self-contained, crawler based surface drilling rig equipped with a cabin (F.O.P.S. and R.O.P.S.) and rod handling system.

Typical applications for Ranger DX700 are road cutting, pipe-line drilling and foundation drilling, as well as production drilling in medium size quarries. Therefore Ranger DX700 is most often used by construction contractors, mines and quarries, and also included in the equipment fleet of rental houses as well.

**KEY FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole diameter</td>
<td>76 - 115 mm (3&quot; - 4½&quot;)</td>
</tr>
<tr>
<td>Rock tools</td>
<td>45 or 51 mm (1¾&quot; and 2&quot;)</td>
</tr>
<tr>
<td>Rock Drill</td>
<td>19.5 kW</td>
</tr>
<tr>
<td>Engine output</td>
<td>168 kW</td>
</tr>
<tr>
<td>Flushing air</td>
<td>8.1 m³/min, up to 10 bar</td>
</tr>
<tr>
<td>Production capacity</td>
<td>1.2 Mt/year</td>
</tr>
<tr>
<td>Total weight</td>
<td>15 200 kg</td>
</tr>
</tbody>
</table>
STANDARD COMPONENTS

1 pc Rock drill HL 710, hydraulic
1 pc Chain feed CF 145H with movable drill steel support
1 pc Rod handler RH 714 incl. 1 set of jaws
1 pc Boom DB 800 H, articulated
1 pc Carrier track mounted, turnable superstructure
1 pc Power pack diesel driven, hydraulic pumps and on-board compressor with twin pressure control
1 pc Control system Rock Pilot+
1 pc Operator’s cabin F.O.P.S. and R.O.P.S. with AC
1 pc Dust collection system DC 810 H, hydraulic, Primary separator
9 pcs Working lights
1 pc Gauge set for accumulator pressure checking
1 pc Back-up alarm
1 Set Manuals, paper copy
1 Set Manuals, USB memory
EU-safety devices

THE JAWS FOR DRILL STEELS

<table>
<thead>
<tr>
<th>DRILL STEEL TYPE</th>
<th>DRILL STEEL DIAMETER</th>
<th>RECOMMENDED HOLE DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extension rods</td>
<td>45 mm 1 ¾”</td>
<td>76 - 89 mm 3” - 3 ½”</td>
</tr>
<tr>
<td>MF-rods</td>
<td>45 mm 1 ¾”</td>
<td>76 - 89 mm 3” - 3 ½”</td>
</tr>
<tr>
<td>MF-rods</td>
<td>51 mm 2”</td>
<td>89 - 115 mm 3 ½” - 4½”</td>
</tr>
<tr>
<td>Extension rods</td>
<td>51 mm 2”</td>
<td>89 - 115 mm 3 ½” - 4½”</td>
</tr>
</tbody>
</table>

SELECTION OF OPTIONS

Alternative seat ISRI 6000
Radio with CD-MP3 player
Reversing camera
Vacuum cleaner for cabin
GPS aiming device for TIM and TIMi inclined holes
Spirit level angle indicator
TIM 5200 for vertical holes
TIM 5300 for vertical holes and depth measuring
TIM 8300 for inclined holes and depth measuring
TIM 6500 for inclined holes, depth measuring and laser level
TIM 6700 (TIM6500 with open interface)
TIM3D hole navigation system
Horizontal drilling kit
EN 16228 Safety cage for feed, long, horizontal drilling allowed
EN16228 Safety cage, short
Long feed 6069 mm 20’, no rod changer
Hose reel (not with 14’ rods)
Kit for alternative steels, each
Thread greasing
Thread greasing with 5 gallon bucket
Power extractor
Readyness for Power Extractor
Anti-freeze system for air lines
Biodegradable hydraulic oil, not with CSL
Central lubrication system Sandvik
Electric fuel filling pump
Fast fill connection for fuel Wiggins
Guides for grouasers, long
Hydraulic rear ground support
Hydraulic winch with radio remote and cable tightness automation
Hydraulic winch with full radio drilling, tramming boom and rod handling
Led lights, 6 pcs
Radio remote control for rear ground support, trnaming and oscillation
Full radio remote control for drilling, tramming, boom and rod handling
Three bar grouaser plates
Towing hook
Turnable superstructure 180 deg.
Xenon lights, 6 pcs
Fuel powered heater for engine and cabin
Fuel powered heater for engine, cabin and water tank
Readyness for fuel powered heater
Dustmizer (engine heater option needed below freezing point)
Flushing control automation
Sampling device
Shut down of suction for water holes
Water injection system
Extra manuals, price will be added according to pricing sheet
First service kit for Ranger DX700
Special tools for HL 710, HL650, field kit
Special tools for HL 710, HL650, complete
Service agreement - select level from extra item
SanRemo - select level from extra item
COVERAGE AREA AND DIMENSIONS

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight</strong></td>
<td>15 200 kg</td>
<td></td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>2.45 m</td>
<td></td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>a/b, 3.2 m/3.6 m</td>
<td></td>
</tr>
<tr>
<td><strong>With safety cage</strong></td>
<td>3.3 m/3.8 m</td>
<td></td>
</tr>
<tr>
<td><strong>With noise silencer</strong></td>
<td>3.3 m/4.0 m</td>
<td></td>
</tr>
<tr>
<td><strong>Total length</strong></td>
<td>11.3 m/8.4 m</td>
<td></td>
</tr>
</tbody>
</table>

Sandvik Mining and Rock Technology reserves the right to changes to the information on this data sheet without prior notification to users. Please contact a Sandvik representative for clarification on specifications and options.

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4. TECHNICAL SPECIFICATION – Ranger DX700 T3 - 1 –2019-12-27