Sandvik DP1500i is intelligent, self-propelled, self-contained, crawler based surface drilling rig equipped with a cabin and a rod changer.

DP1500i with practical intelligence fits perfectly for production drilling in large quarries or open pit mines and construction work sites. It suits well also for wall control and development works. To customize the rig it can be equipped with a variety of options to meet special requirements.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole Diameter</td>
<td>89 - 150 mm (3 ½&quot; - 6&quot;)</td>
</tr>
<tr>
<td>Rock Tools</td>
<td>51 and 60 mm (2&quot; and 2 ⅝&quot;) rods or 87 mm (3 ½&quot;) tubes</td>
</tr>
<tr>
<td>Rock Drill</td>
<td>33 kW</td>
</tr>
<tr>
<td>Engine Output</td>
<td>261 kW</td>
</tr>
<tr>
<td>Flushing Air</td>
<td>14 m³/min, up to 10 bar</td>
</tr>
<tr>
<td>Production Capacity</td>
<td>2.0 Mt/year</td>
</tr>
<tr>
<td>Total Weight</td>
<td>21 800 kg</td>
</tr>
</tbody>
</table>
**STANDARD COMPONENTS**

- **Rock drill**: HL 1560T, hydraulic
- **Feed**: LF 1514 HR with hose reel
- **Rod changer**: RC 1614
- **Boom**: ZB 1550 H, telescopic
- **Carrier**: FL 6, oscillating
- **Powerpack**: Diesel driven, hydraulic pumps and on board compressor
- **Hydraulic system**: Electric load sensing
- **Cabin**: Ergo cool
- **Dust collector**: DC 1550, hydraulic
- **Working lights**: 15 pcs
- **Gauge set**: For accumulator pressure checking
- **Reversing alarm**: Movable drill steel support
- **Suction shut down for water holes**: Flushing control automatics
- **Shank replacement tool**: Shank replacement tool
- **Manuals**: 1 x paper copy
  1 x CD-ROM (ToolMan)

**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 / MF rods</td>
<td>51 mm 2&quot;</td>
<td>89 - 127 mm 3 ½&quot; - 5&quot;</td>
</tr>
<tr>
<td>MF-rods</td>
<td>60 mm 2 ½&quot;</td>
<td>102 - 140 mm 4&quot; - 5 ½&quot;</td>
</tr>
<tr>
<td>Pilot tube</td>
<td>76 mm 3&quot;</td>
<td>89 - 127 mm 3 ½&quot; - 5&quot;</td>
</tr>
<tr>
<td>Pilot tube</td>
<td>87 mm 3 ½&quot;</td>
<td>102 - 140 mm 4&quot; - 5 ½&quot;</td>
</tr>
<tr>
<td>Tubes</td>
<td>87 mm 3 ½&quot;</td>
<td>102 - 152 mm 4&quot; - 6&quot;</td>
</tr>
</tbody>
</table>

**ADJUSTMENT INFORMATION FOR DELIVERY**

- **Rotation motor selection**: Rotation motor OMT 400 for 89 - 127 mm, 3 ½" - 5" holes
  Rotation motor OMT 500 for 127 - 152 mm, 5" - 6" holes
- **Extension rod lengths**:
  - 3 660 mm 12’
  - 4 270 mm 14’

**SELECTION OF OPTIONS**

1. Air conditioning
2. Cooler bag in cabin
3. Radio and CD-MP3 player
4. Reversing camera
5. Roller blinds for cabin windows
6. Vacuum cleaner for cabin
7. GPS aiming device for TIM and TIMi inclined holes
8. TIM3D navigation system
9. TIMi for inclined holes and hole depth measuring
10. TIMi for vertical holes and hole depth measuring
11. TIMi laser level based depth measuring
12. Automatic feed alignment for TIMi
13. Hole hole automatic drilling down to preset depth
14. Power extractor
15. Readyness for Power Extractor
16. Feed support for soft ground
17. Horizontal drilling kit
18. LF 1522 feed with hose reel (max starter rod 20 ft)
19. Thread greasing
20. Thread greasing with 5 gallon bucket
21. Rollers for rod changer
22. Sampling device
23. Anti-freeze system for air lines
24. Flap feeder for dust collector
25. Dustmizer
26. DustMizer Cold including water injection system and heater
27. Water injection system
28. Guides for grousers
29. Single bar grouser plates
30. Towing hook
31. Xenon lights, 9 pcs
32. Hydraulic rear ground support
33. Fuel powered heater for engine and cabin
34. Fuel powered heater for engine, cabin and water tank
35. Readyness for fuel powered heater
36. Electric fuel filling pump
37. Electrick water filling pump
38. Fast fill connection for engine coolant, hydraulic and engine oils
39. Fast fill connection for fuel and water tanks
40. Grinder Sandvik RG420H
41. Central lubrication system Sandvik
42. Fire suppression system Sandvik, automatic
43. Biogradeable hydraulic oil, Shell Naturelle HFE 46 or HFE 68
44. Kit for alternative steels, each
45. Tube drilling kit
46. First service kit for DP1500i
47. Special tools for HL 1560 T, field kit
48. Special tools for HL 1560 T, compete
49. Extra manuals, price will be added according to pricing sheet
50. Security+ (Silver, Gold or Platinum)
51. SanRemo (Silver, Gold or Platinum)
**COVERAGE AREA**

- Coverage area
  - horizontal drilling, sideways
  - vertical drilling

- Coverage area
  - horizontal drilling, forwards
  - vertical drilling

**TRAMMING AND TRANSPORT DIMENSIONS**

- Dimensions in drilling position
- Dimensions in tramming position

<table>
<thead>
<tr>
<th>Weight</th>
<th>21 800 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>2.5 m</td>
</tr>
<tr>
<td>Height</td>
<td>3.2 m</td>
</tr>
<tr>
<td>Total length</td>
<td>11.5 m</td>
</tr>
</tbody>
</table>

Sandvik Mining and Construction reserves the right to change this specification without further notice.