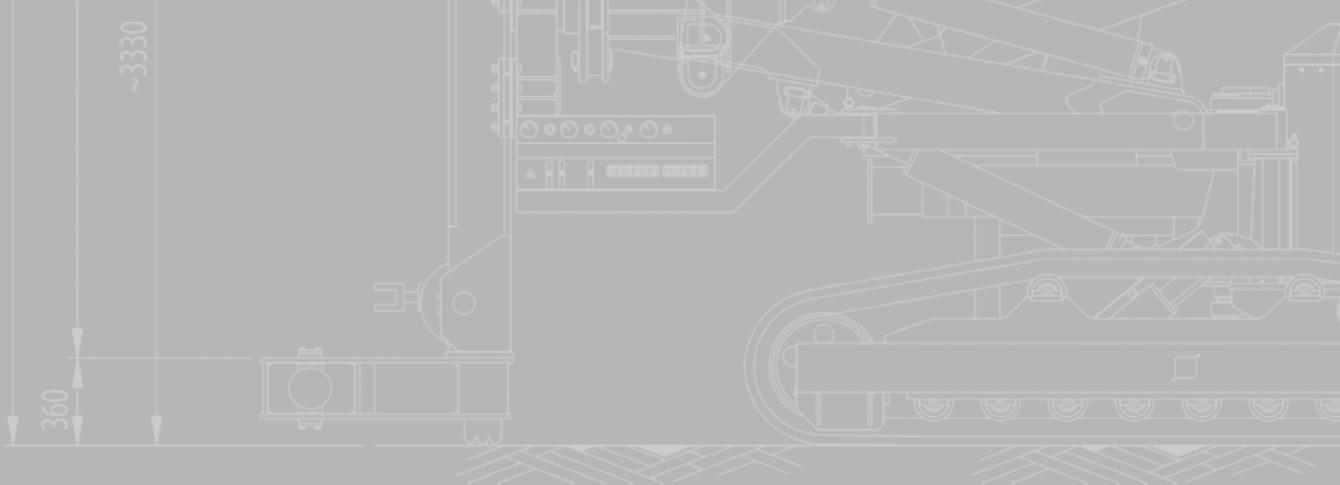




HD 110-4T Hydraulic Drill Rig



Dual Control



* Hydraulic Control



* Radio Remote Control

16" Double Clamp



* Upper Clamp with 10" Adjustable Height



High-Torque Double Head



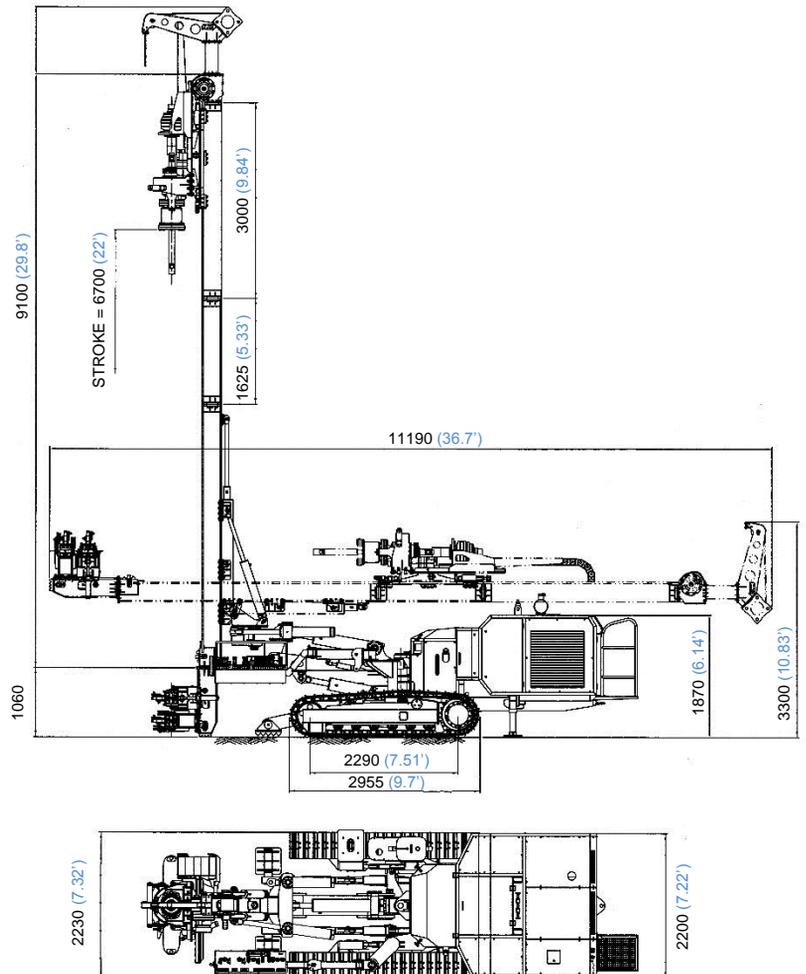
* High Torque Double Head With 13,800 ft.lb Torque Bottom Head



30' Sliding Stroke Between Two Heads



Heavy duty Hydraulic Side Shift Device for Double Head



All Dimensions in mm



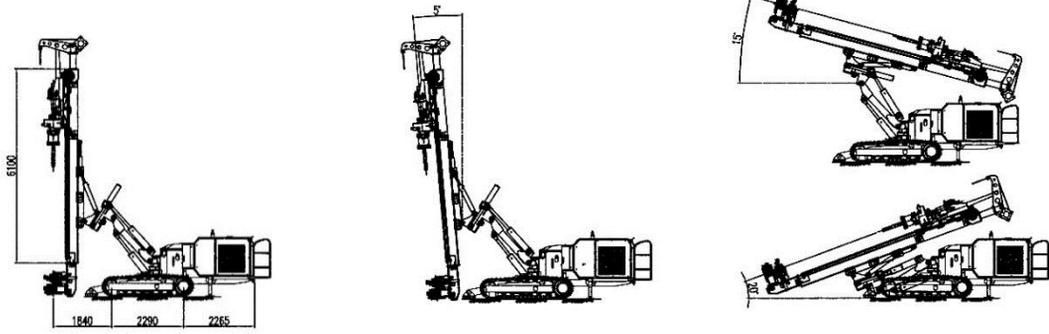
| | | |
|---|--|---|
| Service Weight | Approx. 15,500 kg (34,100 lb) | |
| Drive | Diesel Engine "CUMMINS" QSB4.5 Tier 4i Power Rating = 116 kW (155 HP) @ 2,000 rpm | |
| Hydraulic System | Variable Load Sensing Pump + Gear Pump Max. Pressure 250 Bar (3,625 psi) | |
| | Q1 = 168 l/min. | (44.3 gal/min) |
| | Q2 = 168 l/min. | (44.3 gal/min) |
| | Q3 = 38 l/min. | (10 gal/min) |
| | Q4 = 26 l/min. | (6.9 gal/min) |
| Hydraulic Oil Tank | Capacity 380 l (100 gal) | |
| Fuel Tank | Capacity 200 l (53 gal) | |
| Mast And Feed Assembly | Mast Length | : 6,100 mm (20') 9,100 mm (29.8') |
| | Stroke Length | : 3,700 mm (12.1') 6,700 mm (22') |
| | Feed Force | : 8,000 kg (17,640 lb) |
| | Pullback Force | : 8,000 kg (17,640 lb) |
| | Feed Speed | : 0.73 m/s (2.4 ft/s) |
| | Retract Speed | : 0.73 m/s (2.4 ft/s) |
| Rotator | Model | : HR1910 |
| | | <u>Stage 1</u> <u>Stage 2</u> |
| | Rotary Speed (rpm) | : 18 rpm 35 rpm |
| | Torque (kgm) | : 1,913 kgm 828 kgm |
| | Torque (ft.lb) | : (13,800 ft. lb) (5,980 ft. lb) |
| | Model | : HR850 |
| | Rotary Speed (rpm) | : 43 rpm 86 rpm |
| | Torque (kgm) | : 816 kgm 408 kgm |
| | Torque (ft.lb) | : (5,900 ft. lb) (2,950 ft. lb) |
| Winch | Lifting Force | : 2,345 kg (5,170 lb) 1 st layer |
| | Line Speed | : 30.8 m/min (101 ft/min) 1 st layer |
| Hydraulic Double Clamp | Clamping Dia. (max.) | : 406 mm (16") |
| | Break out clamp sliding stroke | : 254 mm (10") |
| Crawler Undercarriage | Specific Ground Pressure | : 0-.81 kg/cm ² (11.5 psi) |
| | Max. Travelling Speed | : 0-1.5 km/h (0.93 mph) |
| | Climbing Ability | : 20° |
| Dimensions (while mast down to horizontal) | Length | : 11,190 mm (36.7 ft) |
| | Width | : 2,230 mm (7.3 ft) |
| | Height | : 3,300 mm (10.8 ft) |

Note : - Specifications are subject to change without notice in accordance with HD Engineering's policy of continuing development.
- All data contained in this brochure are indicative and does not take power losses and efficiency losses into account.

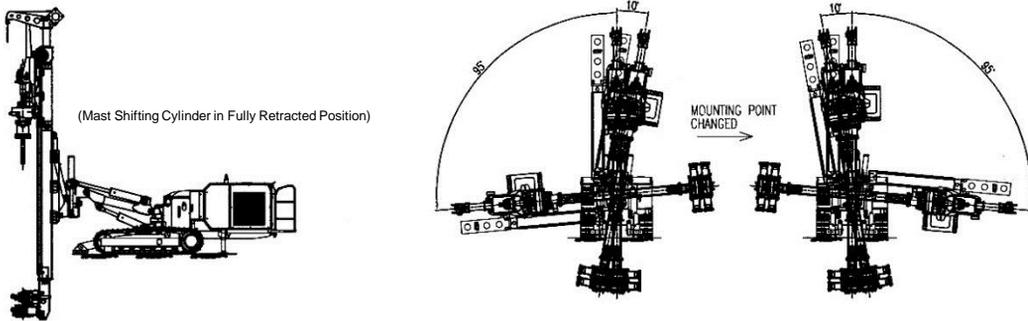
Articulation Schematics

HD110-4T Hydraulic Drill Rig

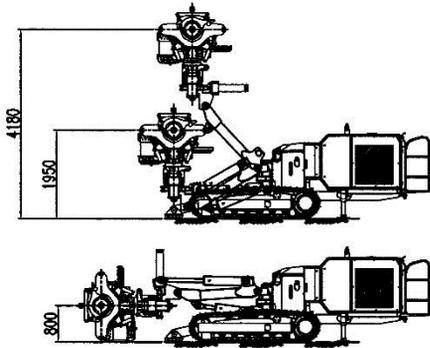
Mast Tilting Range



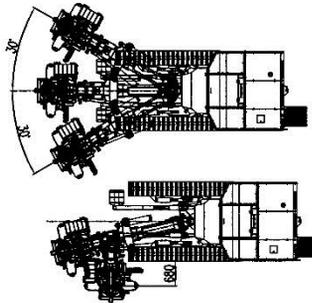
Mast Rotation Range



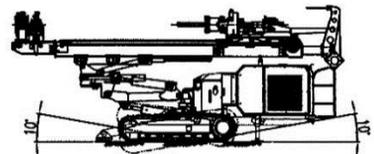
Side Drilling Range



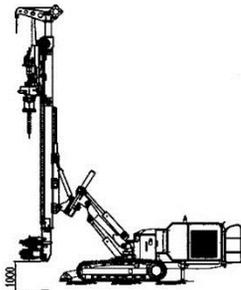
Swing Boom Range



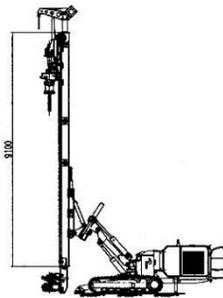
Oscillating Range of Track



Mast Shifting Range



Mast Rotation Range (Long Mast Set Up)



All Dimensions in mm

Note : Specifications are subject to change without notice in accordance with HD Engineering's policy of continuing development.