

# AMERICAN AUGERS 1080



A  QUANTA SERVICES COMPANY

## AMERICAN AUGERS 1080 HDD RIG



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| RIG INFO                  |  |
|---------------------------|--|
| WEIGHT                    | 60t  |
| LENGTH                    | 17.5m  |
| WIDTH                     | 2.5m   |
| HEIGHT                    | 3m   |
| ENGINE                    | 2 x Caterpillar C-18 Tier III Diesel (3412E)   |
| ENGINE OUT PUT            | 765 HP (570 kW) EACH   |
| MOUNTING                  | Skid Based   |
| MAST INFO                 |  |
| MAX PUSH/PULL             | 1080 lbs (493 Tonnes)  |
| CARRIAGE DRIVE SYSTYEM    | Rack and pinion, six pinion drive, with adjustable force limiter                         |
| DRILL ANGLE               | 0° - 18°   |
| DRILL LENGTH RANGE        | 2,400m   |
| DRILL PIPE TYPE           | 6 5/8" S135 Range II   |
| ROTARY HEAD INFO          |  |
| MAX ROTARY TORQUE @ 40rpm | 97,040 ft-lbs. (131,568Nm) @ 0 – 40 RPM  |
| MAX ROTARY TORQUE @ 75rpm | 1,273 ft-lbs. (1,726 Nm) @ 0 – 75 RPM  |
| MAX ROTARY SPEED          | 75 RPM   |
| MAX MUD FLOW              | 1,000gpm 3,785lt/min   |
| MUD SWIVEL TYPE           | Western Rubber, 5.0 DJ-047   |
| VICES INFO                |  |
| VICE TYPE                 | Triple Jaw with 12 in. (305 mm) Separation. Wrench can travel full distance of the mast. |
| MAX BREAKOUT TORQUE       | 230,000 ft-lbs. (311,800 Nm)   |
| MAX MAKE UP TORQUE        | 100,183 ft-lbs. (135,800 Nm)   |
| GRIPPING RANGE            | 3.5" – 10.5" (89 – 267 mm) OD  |
| WEIGHT                    | 3,500kg  |