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## AXIS GB812 Specs

| Rack Power Unit General Dimensions |           |           |
|------------------------------------|-----------|-----------|
| Length                             | 96"       | 243.8 cm  |
| Width                              | 77.5"     | 196.9 cm  |
| Height                             | 96"       | 243.8 cm  |
| Weight                             | 10800 lbs | 4898.8 kg |

| Rack Power Unit Engine   |                   |          |
|--------------------------|-------------------|----------|
| Make and Model           | John Deere 4045HF |          |
| Gross Horsepower         | 140 hp            | 104.4 kw |
| Rated Engine RPM         | 2400              |          |
| EPA Certification Family | Tier 3            |          |

| Rack Power Unit Fluid Capacities |         |         |
|----------------------------------|---------|---------|
| Engine Oil                       | 3.9 gal | 14.7 L  |
| Fuel Tank                        | 79 gal  | 299.1 L |
| Hydraulic Tank                   | 53 gal  | 200.6 L |

| Rack General Dimensions and Weights |          |           |
|-------------------------------------|----------|-----------|
| Length                              | 134"     | 340.4 cm  |
| Width                               | 33.6"    | 85.3 cm   |
| Height                              | 60"      | 152.4 cm  |
| Weight                              | 4500 lbs | 2041.2 kg |

| Rack Operational |
|------------------|
|------------------|

|                                   |            |           |
|-----------------------------------|------------|-----------|
| Maximum Spindle Torque at 218 RPM | 2600 ft-lb | 3525.1 Nm |
| Maximum Spindle Torque at 146 RPM | 4000 ft-lb | 5423.3 Nm |
| Maximum Spindle Torque at 110 RPM | 4900 ft-lb | 6643.5 Nm |
| Thrust                            | 40000 lbs  | 177.9 kN  |
| Pullback                          | 40000 lbs  | 177.9 kN  |
| Bore Diameter                     | 13.5"      | 34.3 cm   |

| Vacuum Power Unit General Dimensions and Weights |           |          |
|--------------------------------------------------|-----------|----------|
| Length                                           | 163"      | 414 cm   |
| Width                                            | 87"       | 221 cm   |
| Height                                           | 86"       | 218.4 cm |
| Weight                                           | 22000 lbs | 9979 kg  |

| Vacuum Power Unit Engine |                   |          |
|--------------------------|-------------------|----------|
| Make and Model           | John Deere 6068HF |          |
| Gross Horsepower         | 250 hp            | 186.4 kw |
| Rated RPM                | 2200 rpm          |          |
| EPA Certification Family | Tier 3            |          |

| Vacuum Power Unit Operational |                                           |  |
|-------------------------------|-------------------------------------------|--|
| Dry Air Rating                | 3200 CFM (90 m3/min) at 20" Hg (508 torr) |  |
| Moist Air Rating              | 3400 CFM (96 m3/min) at 26" Hg (660 torr) |  |

| Vacuum Power Unit Fluid Capacities |         |         |
|------------------------------------|---------|---------|
| Engine Oil                         | 8.3 gal | 31.2 L  |
| Fuel Tank                          | 115 gal | 435.3 L |
| Hydraulic Tank                     | 31 gal  | 117.4 L |

| Drilling Fluid System Option One |          |            |
|----------------------------------|----------|------------|
| Maximum Flow                     | 25 gpm   | 94.6 L/min |
| Maximum Pressure                 | 1200 psi | 82.7 bar   |

| Vacuum Tank |                       |          |
|-------------|-----------------------|----------|
| Capacity    | 800 gal (3028 L) tank |          |
| Length      | 100"                  | 254 cm   |
| Width       | 100"                  | 254 cm   |
| Height      | 96"                   | 243.8 cm |
| Weight      | 2500 lbs              | 1134 kg  |

| Vacuum Tank Option Two |                        |           |
|------------------------|------------------------|-----------|
| Capacity               | 2000 gal (7571 L) tank |           |
| Length                 | 135"                   | 342.9 cm  |
| Width                  | 100"                   | 254 cm    |
| Height                 | 96"                    | 243.8 cm  |
| Weight                 | 4000 lbs               | 1814.4 kg |

| Drill Head         |         |          |
|--------------------|---------|----------|
| Length             | 78.7"   | 199.9 cm |
| Diameter (Maximum) | 13.5"   | 34.3 cm  |
| Weight             | 720 lbs | 326.6 kg |

| Drill Casing                                   |          |           |
|------------------------------------------------|----------|-----------|
| Length                                         | 78.7"    | 199.9 cm  |
| Diameter                                       | 12"      | 30.5 cm   |
| Weight                                         | 410 lbs  | 186 kg    |
| Weight (Box With Six Segments of Drill Casing) | 2976 lbs | 1349.9 kg |

| Laser          |                |  |
|----------------|----------------|--|
| Make and Model | AGL GradeLight |  |

| Safety         |     |  |
|----------------|-----|--|
| FOPS           | Yes |  |
| Remote Lockout | Yes |  |
| Strike Alert   | Yes |  |

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