

| Model name | Category | Max torque (KNm) | Max – min working angle | Max hole length (mm) | Weight (ton) |
|------------|----------|------------------|-------------------------|----------------------|--------------|
| GEA 550 J | TUNNELS | 7,5 - 13* | 0° - 10° | 8,500 | 35 |

Engine

| | | |
|-------|--------------------|--------------------|
| Brand | CATERPILLAR | |
| Model | 3116 | |
| Power | 170 KW @ 2.200 rpm | 230 HP @ 2,200 rpm |

Rotary

| | | |
|--------------------------|------------------------|----------------------|
| Max Nominal Torque | 7,5 - 13* KNm | 5,527 - 9,581* lbsft |
| Rotation Speed | 0 - 100 / 0 - 550* rpm | |
| Rotary Horizontal Stroke | 14.000 mm | 46 ft |
| Pullback / Pulldown | 80 KNm | 58,960 lbsft |

Mast

| | | |
|--------------------|-----------|----------|
| Total Length | 16.600 mm | 54.5 ft |
| Horizontal Sliding | 1.000 mm | 39.37 in |
| Mast Rotation | ± 105° | |

Various

| | | |
|--------------------|---------|-----------|
| Hydraulic Oil Tank | 400 lit | 105.6 gal |
| Fuel Tank | 250 lit | 66 gal |

Crawler

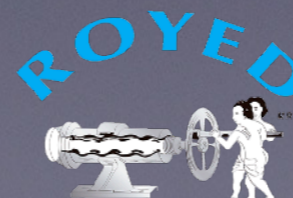
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|--------|----------|---------|
| Length | 4.450 mm | 14.6 ft |
| Width | 2.500 mm | 8.2 ft |
| Shoes | 600 mm | 23.6 in |

Weight

| | | |
|----------------|--------|------------|
| Approx. Weight | 35 ton | 77,140 lbs |
|----------------|--------|------------|

Performance

| | | |
|--|-------------|--------------|
| Max Working Radius (With Max Forward Mast Sliding And 10° Inclination) | 6.500 mm | 21.3 ft |
| Min Working Radius (With 0° Inclination) | 3.200 mm | 10.5 ft |
| Horizontal Hole Max Length | 8.500 mm | 29.7 ft |
| Horizontal Hole Min Length | 4.200 mm | 13.8 ft |
| Treatment Inclination | 0° - 10° | |
| Max Rotation Angle | ± 105° | |
| Max Drilling Diameter | 90 - 200 mm | 3.5 - 7.9 in |



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