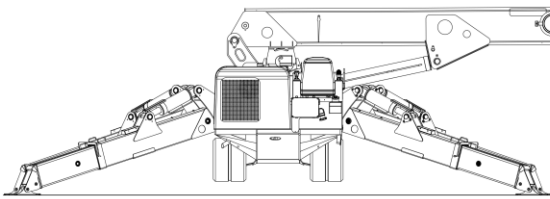
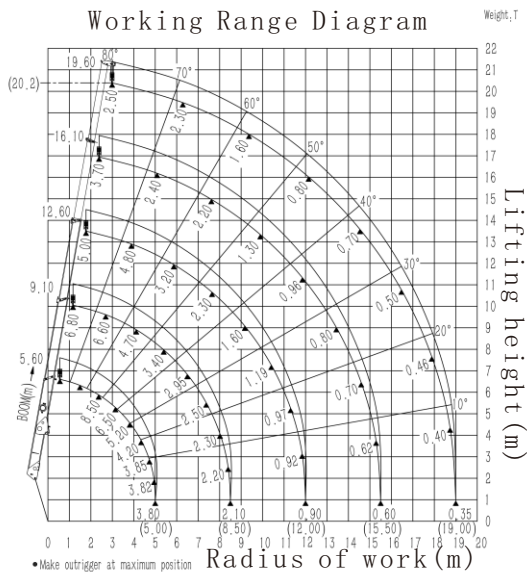


# LT9.0 Mini Crawler Crane spider crane



Working Range Diagram

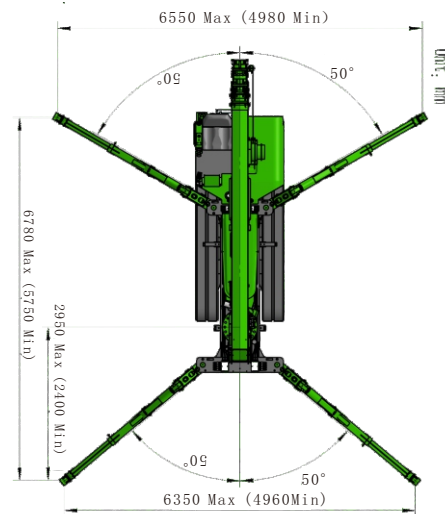


6 Fall—17.5m

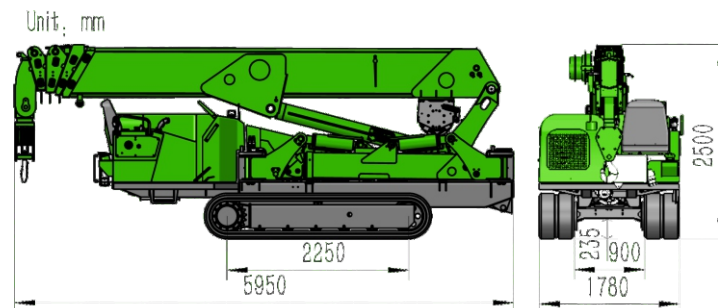
4 Fall—25.0m

2 Fall—54.0m

1 Fall—110m



Outrigger Footprints



Dimensions

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                             |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Model                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LT9.0                                                                       |
| Capacity                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8.5t×2.4m                                                                   |
| Working radius             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19m×0.35t                                                                   |
| Ground lifting height      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20.2m×2.50t                                                                 |
| Underground lifting height |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18m×3.8t (6 fall) 25m×3.8t (4 fall)<br>54m×3.8t (2 fall) 110m×1.5t (1 fall) |
| Winch device               | Hook speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0-12m/min (6 fall ) 0-18m/min (4 fall )                                     |
|                            | Rope type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Φ10mm×120m ( Minimum breaking force 94.7KN 2160N/mm <sup>2</sup> )          |
| Telescopic system          | Boom form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5 section boom, hexagonal box construction                                  |
|                            | Boom length/Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5.6m-19.6m/55sec                                                            |
| Up and downs               | Boom angle/Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0-80°/25sec                                                                 |
| Slew system                | Slew angle/Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0-360° ( continuous ) /30sec                                                |
| Outrigger                  | Outrigger active form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manual+Hydraulic                                                            |
|                            | Maximum extended dimensions (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6780 ( Length ) X6350 ( Front ) X6550 ( Back )                              |
| Traction system            | Walking way                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Hydraulic motor drive、 2 speed                                              |
|                            | Walking speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0-3.2km/ h                                                                  |
|                            | Grade ability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23°(42%)                                                                    |
|                            | Ground length×width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2250mm×400 mm                                                               |
|                            | Ground pressure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 58kpa ( 0.59 kgf/cm <sup>2</sup> )                                          |
| Electric motor             | Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AC380V ( Optional )                                                         |
|                            | Power/Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15kw/1440 min-1                                                             |
|                            | Sound level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rated speed ≤60dB(A) ( 1m )                                                 |
| Diesel engine              | Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4TNV88 (YANMAR)                                                             |
|                            | Type/Displacement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4 cylinder water cooled/2.190L                                              |
|                            | Rated output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 29.1kw/2400 min-1                                                           |
|                            | Starting method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Electric                                                                    |
|                            | Operating temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -5°C~40°C                                                                   |
|                            | Fuel/Volume                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Diesel/60L                                                                  |
|                            | Battery capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12v 60AH                                                                    |
|                            | Specific fuel consumption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 239g/kW-h                                                                   |
|                            | Sound Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rated speed ≤85dB(A) (1m)                                                   |
|                            | Applied regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EC stage 3B&EPA/ARB-OR Tier4 , China phase 4                                |
| Operate system             | Type of operation (crane, walk, leg、 accelerator )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Wireless remote control and Dual axis joystick controller                   |
|                            | Operating characteristic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Full proportional control and Proportional joystick control                 |
| Dimension                  | Length×Width×Height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5950mm×1780mm×2500mm                                                        |
| Weight                     | (Without optional equipment )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10500kg                                                                     |
| Standard equipment         | Diesel engine and motor (Dual power)、 Proportional joystick control and wireless proportional remote (Dual operation mode) 、 Intelligent display screen、 Moment limiter、 Over hoist alarm and automatic stop device、 Three-winding alarm and automatic stop device、 Automatic hook stop、 Outrigger position detector device、 Outrigger off ground (or crane body 3-degree inclination)alarm and automatic stop device、 Slings rope detachment protector、 EMO switch、 Three color lamp、 Remote control lamp、 Voice prompt、 Walking/Outrigger/Boom three-mode interlock system、 Data records |                                                                             |
| Optional equipment         | Searcher hook ( 1t ) 、 Fly jib(1.5t)、 Single fall hook、 Outrigger Pads、 Man basket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                             |