Liebherr A914B Mobile Excavator

 

**Selected Dimensions**

Boom/Stick Option

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| --- | --- | --- |
| A. Shipping Length of Unit | 30.5 ft in | 9300 mm |
| C. Shipping Height of Unit | 10.5 ft in | 3200 mm |
| I. Max Cutting Height | 32.6 ft in | 9950 mm |
| J. Max Loading Height | 22.1 ft in | 6750 mm |
| K. Max Reach Along Ground | 29.7 ft in | 9050 mm |
| L. Max Vertical Wall Dig Depth | 13 ft in | 3962.4 mm |
| M. Max Digging Depth | 19.2 ft in | 5850 mm |
| Dimensions |
| B. Overall Width | 8.2 ft in | 2500 mm |
| D. Wheelbase | 9 ft in | 2750 mm |
| E. Ground Clearance | 1.1 ft in | 350 mm |
| F. Overall Width - Outriggers Down | 13.2 ft in | 4015 mm |
| G. Height to Top of Cab | 10.5 ft in | 3200 mm |
| H. Tail Swing Radius | 9.1 ft in | 2765 mm |
| N. Upper Structure Clearance | 4.2 ft in | 1295 mm |

**Specification**

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| Engine |
| Make | Liebherr |
| Model | D 924 Tl-E |
| Gross Power |  hp |  kw |
| Net Power | 152 hp | 113.3 kw |
| Power Measured @ | 2000 rpm |
| Displacement | 402.8 cu in | 6.6 L |
| Number of Cylinders | 4 |
| Aspiration | direct injection turbo-charged and after-cooled reduced emissions |
| Operational |
| Fuel Capacity | 95.1 gal | 360 L |
| Operating Weight | 47178.9 lb | 21400 kg |
| Hydraulic System Fluid Capacity | 116.2 gal | 440 L |
| Operational Voltage | 24 V |
| Alternator Supplied Amperage | 55 amps |
| Hydraulic System Relief Valve Pressure | 5076.3 psi | 35000 kPa |
| Hydraulic Pump Type | Variable displacement, swashplate |
| Hydraulic Pump Flow Capacity | 105.7 gal/min | 400 L/min |
| Tire Size | 10.00-20 |
| Transmission |
| Type | oversized two speed power shift transmission with additional creeper speed |
| Number of Forward Gears | 2 |
| Number of Reverse Gears | 2 |
| Max Travel Speed | 12.4 mph | 20 km/h |
| Swing Mechanism |
| Swing Speed | 9 rpm |
| Swing Torque | 48.7 lb ft | 66 Nm |
| Buckets |
| Reference Bucket Capacity | 1 yd3 | 0.8 m3 |
| Minimum Bucket Capacity | 0.39 yd3 | 0.3 m3 |
| Maximum Bucket Capacity | 1.8 yd3 | 1.4 m3 |
| Boom/Stick Option (MEX) 1 |
| Boom/Stick Option (MEX) 1 | 12.75 ft boom / 6.83 ft stick |
| Shipping Height of Unit | 10.5 ft in | 3200 mm |
| Shipping Length of Unit | 30.5 ft in | 9300 mm |
| Max Digging Depth | 19.2 ft in | 5850 mm |
| Max Reach Along Ground | 29.7 ft in | 9050 mm |
| Max Cutting Height | 32.6 ft in | 9950 mm |
| Max Loading Height | 22.1 ft in | 6750 mm |
| Max Vertical Wall Dig Depth | 13 ft in | 3962.4 mm |
| Boom/Stick Option (MEX) 2 |
| Boom/Stick Option (MEX) 2 | 12.75 ft boom / 7.83 ft stick |
| Shipping Height of Unit | 10.5 ft in | 3200 mm |
| Shipping Length of Unit | 30.5 ft in | 9300 mm |
| Max Digging Depth | 20.2 ft in | 6150 mm |
| Max Reach Along Ground | 30.7 ft in | 9350 mm |
| Max Cutting Height | 33.3 ft in | 10150 mm |
| Max Loading Height | 22.8 ft in | 6950 mm |
| Max Vertical Wall Dig Depth | 14 ft in | 4267.2 mm |
| Boom/Stick Option (MEX) 3 |
| Boom/Stick Option (MEX) 3 | 12.75 ft boom / 8.83 ft stick |
| Shipping Height of Unit | 10.5 ft in | 3200 mm |
| Shipping Length of Unit | 30.5 ft in | 9300 mm |
| Max Digging Depth | 21.2 ft in | 6450 mm |
| Max Reach Along Ground | 31.7 ft in | 9650 mm |
| Max Cutting Height | 3.4 ft in | 1035 mm |
| Max Loading Height | 23.5 ft in | 7150 mm |
| Max Vertical Wall Dig Depth | 15 ft in | 4572 mm |
| Boom/Stick Option (MEX) 4 |
| Boom/Stick Option (MEX) 4 | 12.75 ft boom / 9.83 ft stick |
| Shipping Height of Unit | 10.5 ft in | 3200 mm |
| Shipping Length of Unit | 30.5 ft in | 9300 mm |
| Max Digging Depth | 21.2 ft in | 6450 mm |
| Max Reach Along Ground | 31.7 ft in | 9650 mm |
| Max Cutting Height | 34 ft in | 10350 mm |
| Max Loading Height | 23.5 ft in | 7150 mm |
| Max Vertical Wall Dig Depth | 16 ft in | 4876.8 mm |
| Dimensions |
| Overall Width | 8.2 ft in | 2500 mm |
| Overall Width - Outriggers Down | 13.2 ft in | 4015 mm |
| Height to Top of Cab | 10.5 ft in | 3200 mm |
| Wheelbase | 9 ft in | 2750 mm |
| Ground Clearance | 1.1 ft in | 350 mm |
| Upper Structure Clearance | 4.2 ft in | 1295 mm |
| Tail Swing Radius | 9.1 ft in | 2765 mm |