**Liebherr R984B Specs**

**boom, stick & bucket**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Stick Length | 134 in |
| Boom Length | 307 in |
| Bucket Capacity Range | 5.8 cu yd - 12.6 cu yd |
| Bucket Type | General Purp./Teeth |
| Bucket Width | 94 in |
| Bucket Capacity - Heaped | 9.5 cu yd |
| Bucket Digging Force-Standard | 113540 lbs |
| Boom Type | 1-Piece |

**engine**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Cylinders | 6 |
| Engine | QSK19C750 |
| Engine Manufacturer | Cummins |
| Net Horsepower | 649 hp |
| Power Mode | Diesel |
| Displacement (cu. in) | 1153 |
| Rated RPM | 2100 |

**fluid capacities**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Hydraulic Tank Capacity | 232 gal |
| Fuel Tank Capacity | 418 gal |

**hydraulics**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Hydraulic Pumps - Type | 3 X Swash Plate |
| Standard Relief Pressure | 4640 psi |
| Main Pump - Maximum Flow | 375 gal/min |

**performance**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Travel Speed - High | 1.8 mph |
| Stick Digging Force - Standard | 93530 lbs |
| Maximum Drawbar Pull | 194920 lbs |
| Front Lift Capy @ 20' G.L. | 45060 lbs |
| Side Lift Capy @ 20' G.L. | 36330 lbs |
| Maximum Swing Speed | 5.2 rpm |

**undercarriage**

|  |  |
| --- | --- |
| **Name** | **Value** |
| No. of Lower/Track Rollers | 9 |
| Track Gauge | 158 in |
| Track Shoe Width | 30 in |
| Track Length | 253 in |
| No. of Upper/Carrier Rollers | 2 |
| Ground Pressure | 22.9 psi |

**weights & dimensions**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Operating Weight | 108.2 mt |
| Overall Length | 577 in |
| Maximum Reach at Ground Level | 540 in |
| Overall Width | 208 in |
| Overall Height | 223 in |
| Maximum Digging Depth | 317 in |
| Maximum Dumping Height | 361 in |
| Tail Swing Radius | 179 in |
| Overall Track Width--Retracted | 192 in |
| Undercarriage Ground Clearance | 31 in |