**CATERPILLAR 631e Motor Scraper**



**Selected Dimensions**

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| Dimensions |
| A. Overall Length | 46.9 ft in | 14280 mm |
| B. Overall Width | 12.9 ft in | 3940 mm |
| C. Overall Height | 14.1 ft in | 4290 mm |
| D. Wheelbase | 28.8 ft in | 8770 mm |

**Specification**

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| Tractor Engine |
| Make | Caterpillar |
| Model | 3408 |
| Gross Power | 450 hp | 335.6 kw |
| Displacement | 1098.4 cu in | 18 L |
| Operational |
| Fuel Capacity | 196.8 gal | 745 L |
| Tire Size | 37.25-35 30PR (E-3) |
| Transmission |
| Number of Forward Gears | 7 |
| Max Speed Forward | 29.8 mph | 48 km/h |
| Weights |
| Total Operating - empty | 96882.1 lb | 43945 kg |
| Front Axel - empty | 64910.7 lb | 29443 kg |
| Rear Axel - empty | 31971.4 lb | 14502 kg |
| Total Operating - Loaded | 171883.4 lb | 77965 kg |
| Front Axel - loaded | 91097.2 lb | 41321 kg |
| Rear Axel - loaded | 80786.2 lb | 36644 kg |
| Bowl |
| Rated Payload | 75001.3 lb | 34020 kg |
| Heaped Capactiy | 31 yd3 | 23.7 m3 |
| Struck Capacity | 21.1 yd3 | 16.1 m3 |
| Max Depth of Cut | 17.2 in | 437 mm |
| Width of Cut | 11.5 ft in | 3490 mm |
| Dimensions |
| Overall Length | 46.9 ft in | 14280 mm |
| Overall Width | 12.9 ft in | 3940 mm |
| Overall Height | 14.1 ft in | 4290 mm |
| Wheelbase | 28.8 ft in | 8770 mm |