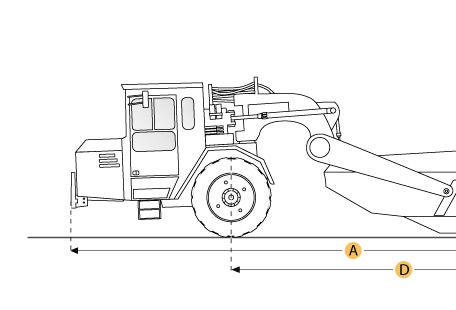
**CATERPILLAR 637e Motor Scraper**



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| 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**

|  |  |  |
| --- | --- | --- |
| Tractor Engine | | |
| Make | Caterpillar | |
| Model | 3408 | |
| Gross Power | 450 hp | 335.6 kw |
| Displacement | 1098.4 cu in | 18 L |
| Scraper Engine | | |
| Make | Caterpillar | |
| Model | 3306 | |
| Gross Power | 250 hp | 186.4 kw |
| Displacement | 640.7 cu in | 10.5 L |
| Operational | | |
| Fuel Capacity | 322.3 gal | 1220 L |
| Tire Size | 37.25-35 30 PR (E-3) | |
| Transmission | | |
| Number of Forward Gears | 7 | |
| Max Speed Forward | 29.8 mph | 48 km/h |
| Weights | | |
| Total Operating - empty | 112089.6 lb | 50843 kg |
| Front Axel - empty | 66132.1 lb | 29997 kg |
| Rear Axel - empty | 45957.6 lb | 20846 kg |
| Total Operating - Loaded | 187090.9 lb | 84863 kg |
| Front Axel - loaded | 91674.8 lb | 41583 kg |
| Rear Axel - loaded | 95416.1 lb | 43280 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 | 3510 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 |

