**CATERPILLAR 637g Motor Scraper**



**Selected Dimensions**

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| Dimensions |
| A. Overall Length | 47.8 ft in | 14565 mm |
| B. Overall Width | 12.9 ft in | 3938 mm |
| C. Overall Height | 14.1 ft in | 4286 mm |
| D. Wheelbase | 28.8 ft in | 8769 mm |
| E. Tractor Ground Clearance | 2.2 ft in | 665 mm |
| F. Height to Top of Cab | 12.2 ft in | 3715 mm |

**Specification**

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| Tractor Engine |
| Make | Caterpillar |
| Model | 3408E |
| Gross Power | 515 hp | 384 kw |
| Net Power | 490 hp | 365 kw |
| Displacement | 1099 cu in | 18 L |
| Scraper Engine |
| Make | Caterpillar |
| Model | 3306 |
| Gross Power | 270 hp | 201 kw |
| Net Power | 250 hp | 186 kw |
| Displacement | 538 cu in | 8.8 L |
| Operational |
| Fuel Capacity | 335 gal | 1268 L |
| Cooling System Fluid Capacity | 52 gal | 202 L |
| Engine Oil Fluid Capacity | 18.9 gal | 72 L |
| Transmission Fluid Capacity | 45.7 gal | 176 L |
| Differential Fluid Capacity | 40.5 gal | 153 L |
| Hydraulic System Fluid Capacity | 50 gal | 190 L |
| Wheel Coolant Fluid Capacity - each | 39 gal | 150 L |
| Operating Voltage | 24 V |
| Alternator Supplied Amperage | 75 amps |
| Tire Size | 37.50-R35 |
| Transmission |
| Number of Forward Gears | 8 |
| Number of Reverse Gears | 1 |
| Max Speed Forward | 34.1 mph | 54.9 km/h |
| Max Speed Reverse | 6.2 mph | 9.9 km/h |
| Weights |
| Total Operating - empty | 114745 lb | 52047 kg |
| Front Axel - empty | 67700 lb | 30708 kg |
| Rear Axel - empty | 47045 lb | 21339 kg |
| Total Operating - Loaded | 189745 lb | 86067 kg |
| Front Axel - loaded | 92975 lb | 42173 kg |
| Rear Axel - loaded | 96770 lb | 43894 kg |
| Bowl |
| Rated Payload | 75000 lb | 34020 kg |
| Heaped Capactiy | 31 yd3 | 23.7 m3 |
| Struck Capacity | 21 yd3 | 16.1 m3 |
| Max Depth of Cut | 17.2 in | 437 mm |
| Width of Cut | 11.5 ft in | 3512 mm |
| Dimensions |
| Overall Length | 47.8 ft in | 14565 mm |
| Overall Width | 12.9 ft in | 3938 mm |
| Height to Top of Cab | 12.2 ft in | 3715 mm |
| Overall Height | 14.1 ft in | 4286 mm |
| Wheelbase | 28.8 ft in | 8769 mm |
| Tractor Ground Clearance | 2.2 ft in | 665 mm |