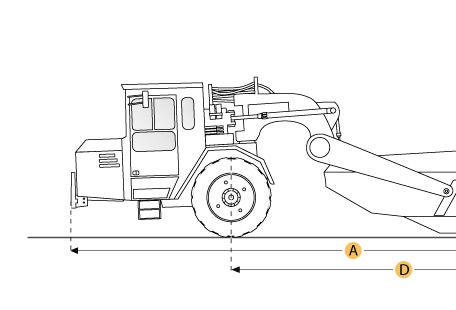
**CATERPILLAR 657g Motor Scraper**



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| Dimensions | | |
| A. Overall Length | 53 ft in | 16164 mm |
| B. Overall Width | 14.3 ft in | 4344 mm |
| C. Overall Height | 15.5 ft in | 4710 mm |
| D. Wheelbase | 32.7 ft in | 9956 mm |
| E. Tractor Ground Clearance | 2.1 ft in | 645 mm |
| F. Height to Top of Cab | 12.2 ft in | 3712 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Tractor Engine | | |
| Make | Caterpillar | |
| Model | C18 ACERT | |
| Gross Power | 632 hp | 471 kw |
| Net Power | 600 hp | 447 kw |
| Displacement | 1105 cu in | 18.1 L |
| Scraper Engine | | |
| Make | Caterpillar | |
| Model | C15 ACERT | |
| Gross Power | 478 hp | 356 kw |
| Net Power | 451 hp | 337 kw |
| Displacement | 928 cu in | 15.2 L |
| Operational | | |
| Fuel Capacity | 421.9 gal | 1597 L |
| Cooling System Fluid Capacity | 56.3 gal | 213 L |
| Engine Oil Fluid Capacity | 26.9 gal | 102 L |
| Transmission Fluid Capacity | 68 gal | 257 L |
| Differential Fluid Capacity | 79.5 gal | 301 L |
| Hydraulic System Fluid Capacity | 80 gal | 303 L |
| Wheel Coolant Fluid Capacity - each | 68.6 gal | 260 L |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 75 amps | |
| Tire Size | 40.5/75 R39 | |
| Transmission | | |
| Type | 8-speed automatic powershift with electronic control | |
| Number of Forward Gears | 8 | |
| Number of Reverse Gears | 1 | |
| Max Speed Forward | 36 mph | 55.7 km/h |
| Max Speed Reverse | 6 mph | 9.7 km/h |
| Weights | | |
| Total Operating - empty | 149417 lb | 67774 kg |
| Front Axel - empty | 89650 lb | 40665 kg |
| Rear Axel - empty | 59767 lb | 27110 kg |
| Total Operating - Loaded | 253420 lb | 114949 kg |
| Front Axel - loaded | 129244 lb | 58624 kg |
| Rear Axel - loaded | 124176 lb | 56325 kg |
| Bowl | | |
| Rated Payload | 104058 lb | 47200 kg |
| Heaped Capactiy | 44 yd3 | 33.6 m3 |
| Struck Capacity | 32 yd3 | 24.5 m3 |
| Max Depth of Cut | 16.7 in | 425 mm |
| Width of Cut | 12.5 ft in | 3846 mm |
| Dimensions | | |
| Overall Length | 53 ft in | 16164 mm |
| Overall Width | 14.3 ft in | 4344 mm |
| Height to Top of Cab | 12.2 ft in | 3712 mm |
| Overall Height | 15.5 ft in | 4710 mm |
| Wheelbase | 32.7 ft in | 9956 mm |
| Tractor Ground Clearance | 2.1 ft in | 645 mm |