**Caterpillar 621B Motor Scraper**



**Selected Dimensions**

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| Dimensions |
| A. Overall Length | 41.7 ft in | 12700 mm |
| B. Overall Width | 11.3 ft in | 3450 mm |
| C. Overall Height | 11.9 ft in | 3630 mm |
| D. Wheelbase | 25.3 ft in | 7720 mm |

**Specification**

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| Tractor Engine |
| Make | Caterpillar |
| Model | 3406 |
| Gross Power |  hp |  kw |
| Net Power | 330 hp | 246.1 kw |
| Power Measured @ | 1900 rpm |
| Displacement | 890.9 cu in | 14.6 L |
| Operational |
| Fuel Capacity | 135 gal | 511 L |
| Tire Size | 29.5-29 28PR (E-3) |
| Transmission |
| Number of Forward Gears | 8 |
| Max Speed Forward | 29.8 mph | 48 km/h |
| Weights |
| Total Operating - empty | 66590.6 lb | 30205 kg |
| Front Axel - empty | 46612.3 lb | 21143 kg |
| Rear Axel - empty | 19977.2 lb | 9061.5 kg |
| Total Operating - Loaded | 114585.3 lb | 51975 kg |
| Front Axel - loaded | 63021.3 lb | 28586 kg |
| Rear Axel - loaded | 51563.9 lb | 23389 kg |
| Bowl |
| Rated Payload | 47994.6 lb | 21770 kg |
| Heaped Capactiy | 20 yd3 | 15.3 m3 |
| Struck Capacity | 14 yd3 | 10.7 m3 |
| Max Depth of Cut | 13.4 in | 340 mm |
| Width of Cut | 9.9 ft in | 3020 mm |
| Dimensions |
| Overall Length | 41.7 ft in | 12700 mm |
| Overall Width | 11.3 ft in | 3450 mm |
| Overall Height | 11.9 ft in | 3630 mm |
| Wheelbase | 25.3 ft in | 7720 mm |

**Caterpillar 621S Motor Scraper**



## Selected Dimensions

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| Dimensions |
| A. Overall Length | 42.2 ft in | 12860 mm |
| B. Overall Width | 11.4 ft in | 3470 mm |
| C. Overall Height | 12.2 ft in | 3710 mm |
| D. Wheelbase | 25.1 ft in | 7650 mm |

## Specification

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| Tractor Engine |
| Make | Caterpillar |
| Model | 3306 |
| Gross Power | 280 hp | 208.8 kw |
| Displacement | 640.7 cu in | 10.5 L |
| Operational |
| Fuel Capacity | 144 gal | 545 L |
| Tire Size | 29.5-29 28PR (E-3) |
| Transmission |
| Number of Forward Gears | 8 |
| Max Speed Forward | 27.6 mph | 44.4 km/h |
| Weights |
| Total Operating - empty | 62348.9 lb | 28281 kg |
| Front Axel - empty | 40527.6 lb | 18383 kg |
| Rear Axel - empty | 21821.4 lb | 9898 kg |
| Total Operating - Loaded | 110348 lb | 50053 kg |
| Front Axel - loaded | 56277.4 lb | 25527 kg |
| Rear Axel - loaded | 54070.6 lb | 24526 kg |
| Bowl |
| Rated Payload | 47999 lb | 21772 kg |
| Heaped Capactiy | 20 yd3 | 15.3 m3 |
| Struck Capacity | 14 yd3 | 10.7 m3 |
| Max Depth of Cut | 14.2 in | 361 mm |
| Width of Cut | 9.9 ft in | 3020 mm |
| Dimensions |
| Overall Length | 42.2 ft in | 12860 mm |
| Overall Width | 11.4 ft in | 3470 mm |
| Overall Height | 12.2 ft in | 3710 mm |
| Wheelbase | **25.1 ft in** | **7650 mm** |