

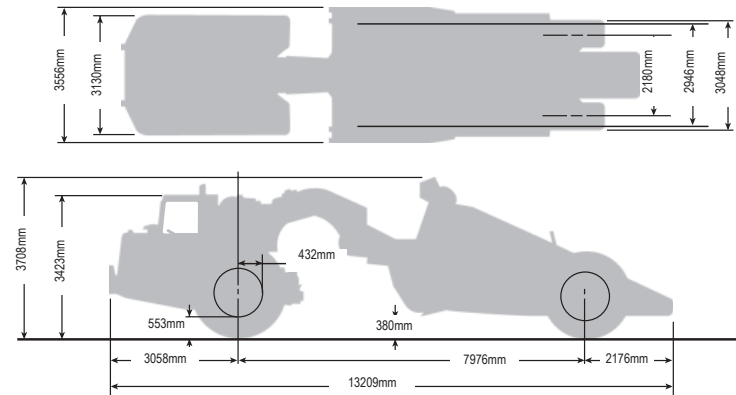
623G WHEEL TRACTOR SCRAPER | 24T

PRODUCT SPECIFICATIONS

CAT

| Engine | |
|--|--|
| Model | CAT C15 ACERT™ |
| Net Power – Gears 1-2 | 246 kW / 330hp |
| Net Power – Gears 3-8 | 272 kW / 365 hp |
| Gross Power – Gears 1-2 | 268 kW / 359 hp |
| Gross Power – Gears 3-8 | 394 kW / 394 hp |
| Bore | 140 mm / 5.5 in |
| Stroke | 165 mm / 6.5 in |
| Displacement | 15.2 L / 928 in 3 |
| Flywheel Power | 246 kW / 330 hp |
| Net power advertised is the power available at rated speed of 1,800 rpm, measured at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator. | |
| Weights | |
| Total Operating – Empty | 37 435 kg / 82,530 lb |
| Total Operating – Loaded | 62 435 kg / 137,646 lb |
| Hydraulics | |
| Bowl Cylinder Bore | 152 mm / 6 in |
| Bowl Cylinder Stroke | 508 mm / 20 in |
| Floor Cylinder Bore | 152 mm / 6 in |
| Floor Cylinder Stroke | 1353 mm / 53.25 in |
| Ejector Cylinder Bore | 127 mm / 5 in |
| Ejector Cylinder Stroke | 1220 mm / 48 in |
| Steering Circuit | 209 L/min / 55 gal/min |
| Scraper Circuit | 241 L/min / 63.7 gal/min |
| Cushion Hitch Circuit | 37 L/min / 9.8 gal/min |
| Supplemental Steering Circuit | 150 L/min / 39.9 gal/min |
| Relief Valve – Steering Circuit | 15,500 kPa / 2,250 psi |
| Relief Valve – Implement Circuit | 17,300 kPa / 2,510 psi |
| Compensator Settings – Cushion Hitch Circuit | 16,000 kPa / 2,175 psi |
| Compensator Settings – Elevator Circuit | 36,175 kPa / 5,246 psi |
| Steering Circuit - At 1,900 rpm | |
| Scraper Bowl | |
| Heaped Capacity | 17.5 m ³ / 23 yd ³ |
| Rated Load | 25,000 kg / 55,115 lb |
| Struck Capacity | 13.8 m ³ / 18 yd ³ |
| Depth of Cut – Max | 330 mm / 13" |

| Width of Cut - To Router Bits | 3,505 mm / 138 in |
|---------------------------------------|-----------------------------|
| Ground Clearance – Max | 387 mm / 15.2" |
| Cutting Edge Thickness | 29 mm / 1.14" |
| Hydraulic Penetration Force | 150 kN / 33,750 lb |
| Depth of Spread – Max | 380 mm / 15" |
| Transmission | |
| Forward 1 | 5 kph / 3.1 mph |
| Forward 2 | 7.6 kph / 4.7 mph |
| Forward 3 | 10.9 kph / 6.8 mph |
| Forward 4 | 14.8 kph / 9.2 mph |
| Forward 5 | 19.9 kph / 12.4 mph |
| Forward 6 | 26.9 kph / 16.7 mph |
| Forward 7 | 36.4 kph / 22.6 mph |
| Forward 8 | 51.5 kph / 32 mph |
| Reverse | 9.2 kph / 5.7 mph |
| Maximum travel speeds (23.5-25 tyres) | |
| Fuel Burn | |
| Low | 32.2 - 43.2 Litres per hour |
| Medium | 43.2 - 54.5 Litres per hour |
| High | 54.5 - 68.1 Litres per hour |



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