

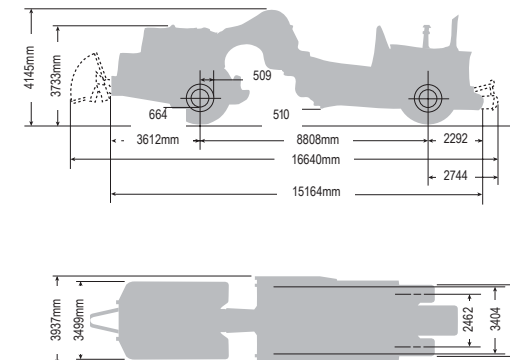
637K WHEEL TRACTOR SCRAPER | 52T

PRODUCT SPECIFICATIONS

CAT

Engine	
Tractor Engine Model	CAT C18 ACERT
Scraper Engine Model	CAT C9.3 ACERT
Rated Engine RPM	
Tractor	1,900 rpm
Scraper	2,150 rpm
Flywheel Power	
Tractor	425 kW / 570 hp
Scraper	216 kW / 290 hp
Cat C9.3 ACERT and C18 ACERT engines meet U.S. EPA Tier 4 Final/EU Stage IV emission standards.	
Weights	
Non Push-Pull	
Total Operating - Empty	52,140 kg
Overall Length	15.04 m
Push-Pull	
Total Operating - Empty	54,005 kg
Overall Length (with bail down)	16.64 m
Hydraulics	
Bowl Cylinder Bore	184 mm / 7.2"
Bowl Cylinder Stroke	873 mm / 34.4"
Apron Cylinder Bore	210 mm / 8.2"
Apron Cylinder Stroke	727 mm / 28.6"
Ejector Cylinder Bore	210 mm / 8.2"
Ejector Cylinder Stroke	1,880 mm / 74"
Steering Circuit	379 L/min / 100 gal/min
Scraper Circuit	344 L/min / 91 gal/min
Cushion Hitch Circuit	34.5 L/min / 9 gal/min
Secondary Steering Circuit	379 L/min / 100 gal/min
Relief Valve – Steering Circuit	13,700 kPa / 1,987 psi
Relief Valve – Implement Circuit	14,000 kPa / 2,030 psi
Scraper Capacity	
Struck	18.3 m ³ / 24 yd ³
Heaped	26 m ³ / 34 yd ³
Rated Load	37,200 kg / 82,200 lb
	37.2 tonnes / 41.1 tons

Width of Cut	3.51 m / 11'6"
Maximum Depth of Cut	450 mm / 17.7"
Maximum Depth of Spread	535 mm / 21.1"
Top Speed (Loaded)	55.8 km/h / 34.7 mph
180° Curb-to-Curb Turning Width	12.23 m / 40'2"
Transmission	
First	5.5 km/h / 3.4 mph
Second	10.0 km/h / 6.2 mph
Third	12.4 km/h / 7.7 mph
Fourth	16.9 km/h / 10.5 mph
Fifth	22.7 km/h / 14.1 mph
Sixth	30.6 km/h / 19.0 mph
Seventh	41.95 km/h / 25.7 mph
Eighth	55.8 km/h / 34.7 mph
Reverse	9.9 kph / 6.2 mph
Fuel Burn	
Low	65.6 - 71.75 Litres per hour
Medium	89.18 - 95.33 Litres per hour
High	116.34 - 124.03 Litres per hour



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