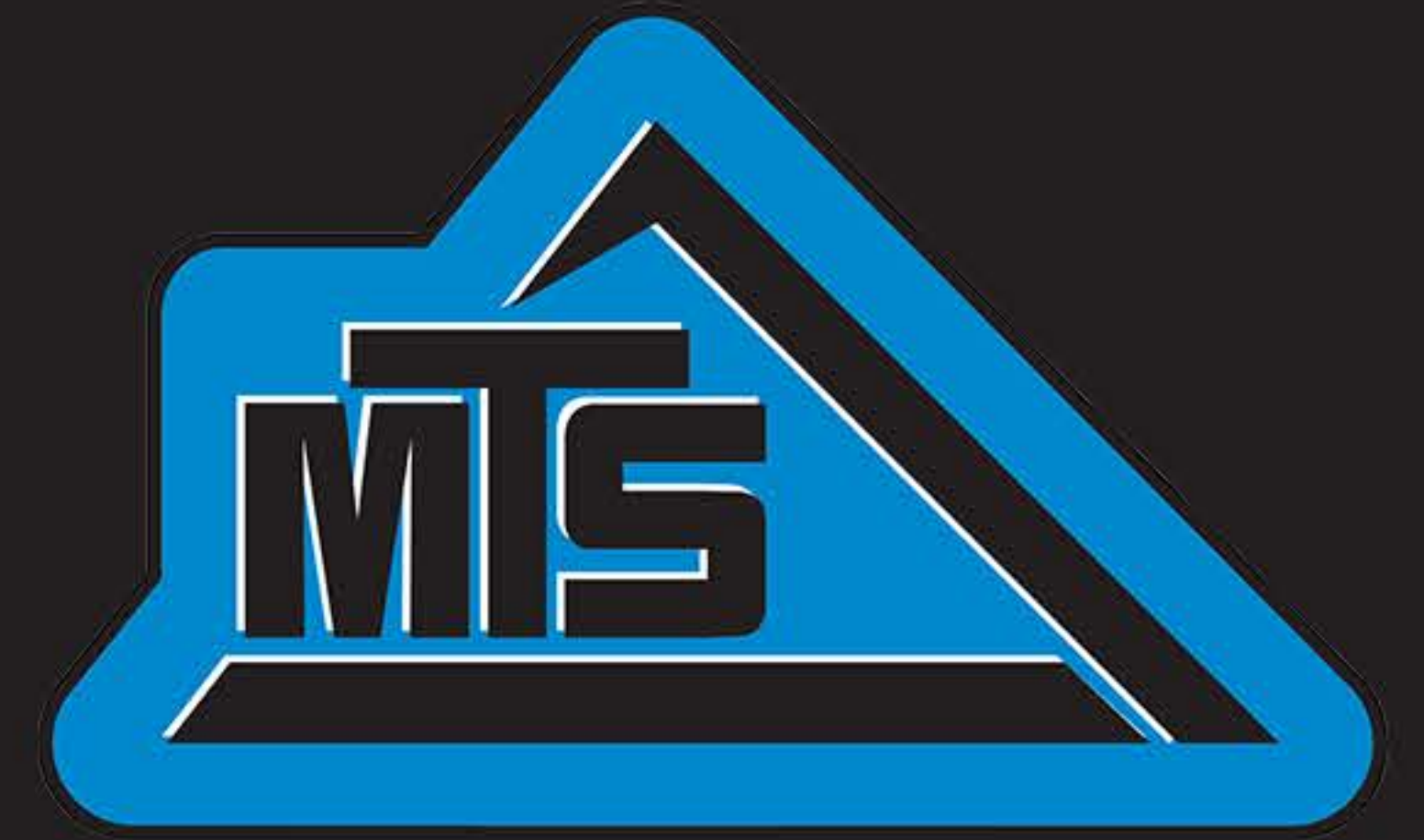


3630W SWITCHBACK

CONSTRUCTION-GRADE TRACTOR



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SPECIFICATIONS



POWER	
Engine HP at Rated RPM	630 hp at 2,000 rpm 469.79 kw at 2,000 rpm

ENGINE	
Manufacturer	Caterpillar
Peak Engine RPM	2,190 rpm
Type	Cat ACERT C18 Tier 4 Final
Aspiration	Single Stage Aftercooled Turbocharger
Filter, Engine air	Dual Stage Particulate Filter
Cylinders/Number of valves/Displacement	6 cyl./24 Valve/18.1L
Bore/Stroke	5.71 in / 7.2 in 145 mm / 183 mm
Compression Ratio	16.0:1
Lubrication	Full-pressure, full-flow filtration with bypass
Filter Oil	Two replaceable spin-on canister oil filters
Rated RPM	2,000 rpm

ELECTRICAL	
Alternator	200 amp Delco alternator
	3 X 1150 cca 12v batteries

TRANSMISSION	
Transmission	Cat TA22H 16 speed Powershift Transmission
Gears	16 Forward / 4 Reverse
Auto Shift	Standard

AXLES	
Rear Axle Diameter	2.5 in 63.5 mm
Axle Width	104 in 2,641.6 mm
Differential Lock	Standard
6 Axle to Axle	193 in 4,902 mm

WHEEL OPTIONS	
Alliance Duals	VF710/70R42

STEERING	
Hydraulic Power Steering	Standard

FINAL DRIVES	
Planetaries	Outboard

DRAWBAR	
Gooseneck Hitchplate	Standard
Quick Hitch Drawbar and Hitch Plate	Option
Gooseneck Hitch Load	42,000 lbs 19,050.8 kg
Max Vertical Hitch Load	34,000 lbs 15,422.1 kg

HYDRAULICS	
Description	Closed Center Pressure Compensated
Remote Valves	6 EH SECTIONAL VALVE
Maximum PSI	3,100 psi 21,000 kPa
High Flow Hydraulic Pump	2X 60 gpm 2x 230 lpm
Total Tractor Hydraulic Flow	120 gpm 454 lpm
Available Flow at single remote valve (Dual Scraper)	33 gpm 125 lpm
Available Flow at single remote valve (High Flow Scraper)	55 gpm 208 lpm

CAPACITIES	
Fuel Tank	265 gal 1,002 L
DEF Tank	12.5 gal 47 L
Crankcase w/ Filter	38 qt 36 L
Differential Oil	12.1 gal 46 L
Hydraulic System	31 gal 117 L
Cooling System	18.5 gal 70 L

BRAKES	
Hydraulic Power, Dry Disk	Standard
Hydraulic Scraper Brakes	Standard

WHEELBASE	
Wheelbase Length	193 in 4,902 mm
Dual Turning Radius	326 in 8,280 mm

CAB	
Volume	175.5 ft ³ 4.97 m ³
Glass	86 ft ² 7.99 m ²

DIMENSIONS	
Base Shipping Weight	59,840 lbs 27,143 kg
2 Width (With Duals)	189 in 4,800 mm
3 Width (Without Duals)	142 in 3,606 mm
5 Length (Overall Shipping)	332 in 8,433 mm
1 Height (Overall Shipping)	152 in 3,860mm
4 Ground Clearance	21 in 533 mm

MISC.	
Degrees of Articulation	36°
Degrees of Oscillation	360°

