## 3630 SWITCHBACK

## **CONSTRUCTION-GRADE TRACTOR**



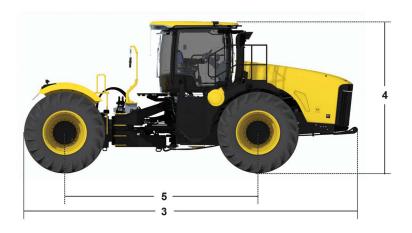


## **SPECIFICATIONS**

## 3630 SWITCHBACK

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	
Туре	Cat ACERT C18 Tier 4 Final	
Aspiration	Single Stage Aftercooled Turbocharger	
Filter, Engine air	<b>Dual Stage Particulate Filter</b>	
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	<u> </u>	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 c	ca 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	<b>1</b> 04 in	2,641.6 mm
Differential Lock	Standard	
Axle to Axle	<b>1</b> 93 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
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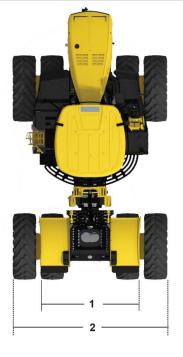
HYDRAULICS			
Description	Closed Center Pressure Compensated		
Remote Valves	6 EH SECTIONAL VALVE		
Maximum PSI	3,100 psi	21,000 kPa	
High Flow Hydraulic Pump	2X 60 gpm	2x 230 lpm	
Total Tractor Hydraulic Flow	120 gpm	454 lpm	
Available Flow at single remote valve (Dual Scraper)	33 gpm	125 lpm	
Available 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	<b>12.1</b> 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	
LSW Turning Radius	315 in	8,001 mm	
САВ			
Volume	175.5 ft <sup>3</sup>	4.97 m <sup>3</sup>	
Glass	86 ft <sup>2</sup>	7.99 m <sup>2</sup>	
DIMENSIONS			
Base Shipping Weight	59,840 lbs	27,143 kg	
Width (With Duals)	<b>189</b> in	4,800 mm	
Width (Without Duals)	142 in	3,606 mm	
Width (LSW)	<b>159</b> in	4,038 mm	
Length (Overall Shipping)	332 in	8,433 mm	
Height (Overall Shipping)	152 in	3,860mm	
Ground Clearance	21 in	533 mm	
MISC.			
Degrees of Articulation		36°	
Degrees of Oscillation		360°	



42,000 lbs

19,050.8 kg

15,422.1 kg



Gooseneck Hitch Load

Max Vertical Hitch Load