3630T SWITCHBACK

CONSTRUCTION-GRADE TRACTOR





SPECIFICATIONS

3630T SWITCHBACK

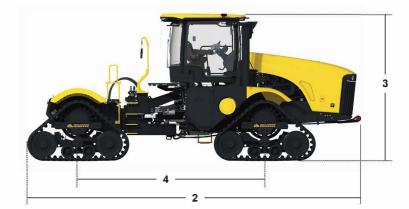
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Engine HP at Rated RPM	630 hp at 2,000 rpm	469.79 kw at 2,000 rpn	
ENGINE			
Manufacturer	Caterpillar		
Peak Engine RPM	2,190 rpm		
Туре	Cat ACERT C18 Tier 4 Final		
Aspiration	Single Stage Aftercooled Turbocharger		
Filter, Engine air	Dual Stage Particulate Filter		
Cylinders/Number of valves/Displacement	6 cyl./24 Valve/18.1 L		
Bore/Stroke	5.71 in / 7.2 in	145 mm / 183 mm	
Compression Ratio	1	.6.0:1	
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 cc	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 mm	
Differential Lock	Standard		
Axle to Axle	193 in	4,902 mm	
TRACK BELTS			
Description	Camso 6500 Series		
Standard Width	30 in	762 mm	
STEERING			
Hydraulic Power Steering	Standard		
FINAL DRIVES			
Planetaries	Outboard		
DRAWBAR			
Gooseneck Hitch			
Quick Hitch and Hitch Plate			
Gooseneck Hitch Load	42,000 lbs	19,050.8 kg	
Max Vertical Hitch Load	34,000 lbs	15,422.1 kg	

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	260 gal	984.2 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
Turning Radius	331 in	8,407 mm
CAB		
Volume	175.5 ft ³	4.97 m ³
Glass	86 ft ²	7.99 m ²
DIMENSIONS		
Base Shipping Weight	67,100 lbs	30,436 kg
Width (Overall Shipping)	143 in	3,632 mm
Length (Overall Shipping)	341 in	8,661 mm
Height (Overall Shipping)	152 in	3,860 mm
Ground Clearance	24 in	610 mm
Overall Track Width	128 in	3,251 mm
MISC.		
Degrees of Articulation	36°	

Degrees of Oscillation



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