



SPECIFICATIONS	370 WHEELED	420 WHEELED / ROWTRAC	470 WHEELED / ROWTRAC / QUADTRAC
<b>ENGINE</b>			
Engine Type	Tier 4 B/Final with Selective Catalytic Reduction (SCR)-only emissions system		
Engine HP @ Rated RPM per SAE	370 @ 2,000 RPM	420 @ 2,100 RPM	470 @ 2,100 RPM
Maximum Engine HP	425	462	517
HP @ Standard PTO speed @ 1,000 RPM	364	407	459
Cylinders / Valves / Displacement	6 cyl. / 24 / 8.7 L (531 cu. in.)	6 cyl. / 24 / 12.9 L (787 cu. in.)	
Engine Aspiration	Electrical variable geometry turbocharger with air-to-air aftercooling	Wastegate turbocharger with air-to-air aftercooling	
Factory-Installed Engine Brake	N/A	Standard	

<b>ELECTRICAL</b>			
Alternator / Battery / Battery Isolator	12V 240 amp / two 1,000 cranking amps / Yes		

<b>TRANSMISSION/PTO</b>			
Transmission (Standard / Optional)	PowerDrive full-powershift 16F / 2R with 16 Hi (25 mph (40 kph)) / CVXDrive CVT (25 mph (40 kph))		
PTO—Optional	1,000 rpm—1 ¾ in. shaft		

<b>AXLES</b>			
Axle Diameter	5.0 in. (127 mm) planetary	5.0 in. (127 mm) planetary/flanged	5.0 in. (127 mm) planetary/flanged/flanged
Axle Bar Width (Wheeled) / Track Spacing (Rowtrac/Quadtrac)*	120 in. (3 048 mm)	120 in. (3 048 mm) / 80 in. (2 032 mm), 88 in. (2 235 mm) or 120 in. (3 048 mm)	120 in. (3 048 mm) / 80 in. (2 032 mm), 88 in. (2 235 mm) or 120 in. (3 048 mm) / 88 in. (2 235 mm)
Wheelbase	148 in. (3 759 mm)	148 in. (3 759 mm) / 160 in. (4 064 mm)	148 in. (3 759 mm) / 160 in. (4 064 mm) / 154 in. (3 912 mm)
Automatic Differential Lock	Standard		

<b>HYDRAULICS</b>			
Remote Valves (Standard / Optional)	4 / up to 8		
Hydraulic Pump (PFC)—PowerDrive (Standard / Optional)	40 gpm (151 L/min.) / 55 gpm (208 L/min.)	42 gpm (159 L/min.) / 57 gpm (216 L/min.)	
Hydraulic Pump (PFC)—CVXDrive Standard	55 gpm (208 L/min.)	57 gpm (216 L/min.)	
Total Tractor Hydraulic Flow with Parallel / Twin Flow Pumps	108 gpm (409 L/min.)	113 gpm (428 L/min.)	
Available Flow at Single Remote Valve	35 gpm (132 L/min.)		
Drawbar (Standard / Optional)	6,000 lb. (2 722 kg) or 11,000 lb. (4 990 kg).	6,000 lb. (2 722 kg) or 11,000 lb. (4 990 kg) or 15,000 lb. (6 804 kg) Quadtrac or wheeled option	
3-Point Hitch Category—Wheeled / Rowtrac / Quadtrac	Cat IV-N (convertible to Cat III)	Cat IV-N (convertible to Cat III) / Cat IV-N (convertible to Cat III) / Cat IV-N	
Hitch Lift Capacity—Wheeled / Rowtrac / Quadtrac	21,903 lb. (9 934 kg)	21,903 lb. (9 934 kg) / 21,903 lb. (9 934 kg) / 19,728 lb. (8 949 kg)	

<b>CAPACITIES</b>			
Fuel Tank—Wheeled / Rowtrac / Quadtrac	220 gal. (829 L)	310 gal. (1 170 L) / 340 gal. (1 287 L) standard and 250 gal. (946 L) opt.	310 gal. (1 170 L) / 340 gal. (1 287 L) std. and 250 gal. (946 L) opt. / 470 gal. (1 779 L)
Diesel Exhaust Fluid (DEF) Tank—Wheeled / Rowtrac / Quadtrac	42 gal. (174 L) / 42 gal. (174 L) / N/A		42 gal. (174 L) / 42 gal. (174 L) / 85 gal. (322 L)
Vertical Tongue—Wheeled / Rowtrac / Quadtrac	Up to 11,000 lb. (4 990 kg)		Up to 11,000 lb. (4 990 kg) / up to 11,000 lb. (4 990 kg) / up to 15,000 lb. (6 804 kg)
Frame Width—Wheeled / Rowtrac / Quadtrac	36.5 in. (927 mm)	36.5 in. (927 mm) / 36.5 in. (927 mm)	

<b>CAB</b>			
Volume (Size)	132 cu. ft. (3.7 cu. m)		
Glass	88.1 sq. ft. (8.18 sq. m)		

<b>WEIGHTS</b>			
Wheel Models—Base Shipping Weight	38,571 lb. (17 496 kg)	39,820 lb. (18 062 kg)	
Wheel Models—Max. Gross Vehicle Weight	49,500 lb. (22 453 kg)		
Rowtrac Models—Base Shipping Weight	N/A	50,306 lb. (22 818 kg)	
Rowtrac Models—Max. Gross Vehicle Weight	N/A	60,000 lb. (27 216 kg)	
Quadtrac Models—Base Shipping Weight	N/A	N/A	51,263 lb. (23 416 kg)
Quadtrac Models—Max. Gross Vehicle Weight	N/A	N/A	64,000 lb. (29 630 kg)

<sup>[1]</sup> \*All wheeled Steigers have bar axles and all Quadtrac and Rowtrac Steigers have flanged axles

SPECIFICATIONS	500 WHEELED / ROWTRAC / QUADTRAC	540 WHEELED / QUADTRAC	580 WHEELED / QUADTRAC	620 WHEELED / QUADTRAC
<b>ENGINE</b>				
Engine Type	Tier 4 B/Final with Selective Catalytic Reduction (SCR)-only emissions system			
Engine HP @ Rated RPM per SAE	500 @ 2,100 RPM	535 @ 2,100 RPM	580 @ 2,100 RPM	620 @ 2,100 RPM
Maximum Engine HP	550	605	638	682
HP @ Standard PTO speed @ 1,000 RPM	501	535		
Cylinders / Valves / Displacement	6 cyl. / 24 / 12.9 L (787 cu. in.)			
Engine Aspiration	Wastegate turbocharger with air-to-air aftercooling	Two-stage turbocharging with air-to-water intercooling and air-to-water aftercooling		
Factory-Installed Engine Brake	Standard			

<b>ELECTRICAL</b>				
Alternator / Battery / Battery Isolator	12V 240 amp / two 1,000 cranking amps / Yes			

<b>TRANSMISSION/PTO</b>				
Transmission (Standard / Optional)	PowerDrive full-powershift 16F / 2R with 16 Hi (25 mph (40 kph)) / CVXDrive CVT (25 mph (40 kph))		PowerDrive full-powershift 16F / 2R w/16 Hi (25 mph (40 kph))	
PTO—Optional	1,000 rpm—1 ¾ in. shaft			

<b>AXLES</b>				
Axle Diameter	5.0 in. (127 mm) compound planetary/flanged / flanged	5.0 in. (127 mm) compound planetary/flanged	5.5 in. (140 mm) compound planetary/flanged	
Axle Bar Width (Wheeled) / Track Spacing (Rowtrac/Quadtrac)*	120 in. (3 048 mm) / 80 in. (2 032 mm), 88 in. (2 235 mm) or 120 (3 048 mm) / 88 in. (2 235 mm)	120 in. (3 048 mm) / 88 in. (2 235 mm)		
Wheelbase	154 in. (3 912 mm) / 160 in. (4 064 mm) / 154 in. (3 912 mm)	154 in. (3 912 mm)		
Automatic Differential Lock	Standard			

<b>HYDRAULICS</b>				
Remote Valves (Standard / Optional)	4 / up to 8			
Hydraulic Pump (PFC) – PowerDrive (Standard / Optional)	42 gpm (159 L/min.) / 57 gpm (216 L/min.)			
Hydraulic Pump (PFC) – CVXDrive Standard	57 gpm (216 L/min.)			N/A
Total Tractor Hydraulic Flow w/ Parallel / Twin Flow Pumps	113 gpm (428 L/min.)			
Available Flow at Single Remote Valve	35 gpm (132 L/min.)			
Drawbar (Standard / Optional)	6,000 lb. (2 722 kg) / 11,000 lb. (4 990 kg) or 15,000 lb. (6 804 kg) Quadtrac or wheeled option	6,000 lb. (2 722 kg) or 11,000 lb. (4 990 kg) or 15,000 lb. (6 804 kg)	11,000 lb. (4 990 kg) / 15,000 lb. (6 804 kg)	
Scraper Drawbar—Wheeled / Rowtrac / Quadtrac	20,000 lb. (9 072 kg) / NA / NA		20,000 lb. (9 072 kg)	
3-Point Hitch Category—Wheeled / Rowtrac / Quadtrac	Cat IV-N / Cat IV-N (convertible to Cat III) / Cat IV-N			Cat IV-N
Hitch Lift Capacity—Wheeled / Rowtrac / Quadtrac	19,620 lb. (8 900 kg) / 21,903 lb. (9 934 kg) / 19,728 lb. (8 949 kg)		19,620 lb. (8 900 kg) / 19,728 lb. (8 949 kg)	

<b>CAPACITIES</b>				
Fuel Tank—Wheeled / Rowtrac / Quadtrac	455 gal. (1 722 L) / 340 gal. (1 287 L) std. and 250 gal. (946 L) opt. / 470 gal. (1 779 L)		455 gal. (1 722 L) / 470 gal. (1 779 L)	
Diesel Exhaust Fluid (DEF) Tank—Wheeled / Rowtrac / Quadtrac	66 gal. (250 L) / 42 gal. (174 L) / 85 gal. (322 L)		66 gal. (250 L) / N/A / 85 gal. (322 L)	
Vertical Tongue—Wheeled / Rowtrac / Quadtrac	Up to 15,000 lb. (6 804 kg) / up to 11,000 lb. (4 990 kg) / up to 15,000 lb. (6 804 kg)			Up to 15,000 lb. (6 804 kg)
Frame Width—Wheeled / Rowtrac / Quadtrac	44 in. (1 118 mm) / 36.5 in. (927 mm) / 44 in. (1 118 mm)		44 in. (1 118 mm)	

<b>CAB</b>				
Volume (Size)	132 cu. ft. (3.7 cu. m)			
Glass	88.1 sq. ft. (8.18 sq. m)			

<b>WEIGHTS</b>				
Wheel Models—Base Shipping Weight	44,290 lb. (20 090 kg)	46,340 lb. (21 012 kg)	50,328 lb. (22 828 kg)	
Wheel Models—Max. Gross Vehicle Weight	56,000 lb. (25 401 kg)	56,000 lb. (22 401 kg)	66,000 lb. (29 937 kg)	
Rowtrac Models—Base Shipping Weight	50,306 lb. (22 818 kg)	N/A		
Rowtrac Models—Max. Gross Vehicle Weight	60,000 lb. (27 216 kg)	N/A		
Quadtrac Models—Base Shipping Weight	51,623 lb. (23 416 kg)	52,621 lb. (23 868 kg)	53,503 lb. (24 629 kg)	
Quadtrac Models—Max. Gross Vehicle Weight	64,000 lb. (29 030 kg)			

<sup>[1]</sup> \*All wheeled Steigers have bar axles and all Quadtrac and Rowtrac Steigers have flanged axles

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