



FOUR-WHEEL DRIVE TRACTORS

» 305 to 400 hp



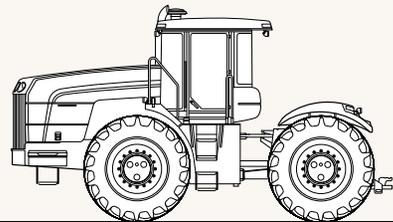
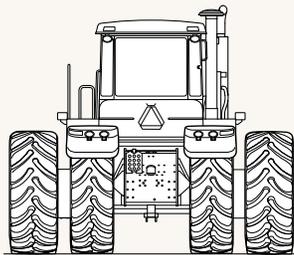
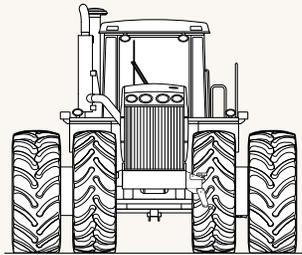
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FOUR-WHEEL DRIVE TRACTORS



SPECIFICATIONS » 305, 340, 375, 400

SPECIFICATIONS	ALL MODELS
Engine	
Engine type	Cummins QSM11
Aspiration	Turbocharged & air-to-air aftercooled
Displacement	11-liter
Dimensions	
Wheelbase	142" (3597 mm)
Height to top of exhaust	146" (3720 mm)
Height to top of cab	143" (3627 mm)
Overall length, no ballast weights	265" (6750 mm)
Ground clearance, at drawbar	16.9" (430 mm)
Turning radius (with base tires)	191.5" (4860 mm)



MODEL	305	340	375	400
Engine performance				
Horsepower	305 hp (224 kw)	340 hp (254 kw)	375 hp (280 kw)	400 hp (298 kw)
Power bulge	7% at 1800 RPM	7% at 1800 RPM	7% at 1800 RPM	7% at 1800 RPM
Peak horsepower	330 hp (246 kw)	375 hp (280 kw)	405 hp (302 kw)	430 hp (321 kw)
Torque rise	35% at 1400 RPM	35% at 1400 RPM	35% at 1400 RPM	35% at 1400 RPM
Peak torque	1050 lb-ft	1150 lb-ft	1275 lb-ft	1350 lb-ft
Fuel system				
Capacity	250 U.S. gal (946 L)	250 U.S. gal (946 L)	250 U.S. gal (946 L)	250 U.S. gal (946 L)
Filter	Engine mounted with water separator	Engine mounted with water separator	Engine mounted with water separator	Engine mounted with water separator
Filler neck	Rock screen	Rock screen	Rock screen	Rock screen
Transmission				
Quadshift transmission	Mechanical 12 x 4: 12 forward speeds, 4 reverse speeds, 4 synchronized gears in each of the 3 forward ranges			
Powershift transmission	Powershift 12 x 2: 12 forward speeds, 2 reverse speeds, electronic valve clutch pack actuation			
Maximum speed	Quadshift: 22 mph (35 kph) / Powershift: 17 mph (27 kph)			
Axles				
Versatile Outboard Planetary Axles	Standard	Standard or heavy-duty	Heavy-duty	Heavy-duty
Differential Lock	Optional	Optional	Optional	Optional
Brakes	Dry caliper	Dry caliper	Dry caliper	Dual dry caliper
Hydraulic Trailer Brakes	N/A	N/A	N/A	N/A
Hydraulics - type				
Closed Center Load Sensing System				
Standard Flow	50 GPM (190 L/min)	50 GPM (190 L/min)	50 GPM (190 L/min)	50 GPM (190 L/min)
HydraFlow	N/A	N/A	N/A	N/A
Hydraulic remotes (mechanical)	4 standard, 6 optional	4 standard, 6 optional	4 standard, 6 optional	4 standard, 6 optional
Maximum system pressure	2900 PSI (197 bar)	2900 PSI (197 bar)	2900 PSI (197 bar)	2900 PSI (197 bar)
Electrical System				
Alternator	12V - 160 amps	12V - 160 amps	12V - 160 amps	12V - 160 amps
Batteries	3-12V, 950 CCA each	3-12V, 950 CCA each	3-12V, 950 CCA each	3-12V, 950 CCA each
Drawbar				
Vertical load rating	6,000 lb (2,722 kg)	6,000 lb (2,722 kg)	6,000 lb (2,722 kg)	6,000 lb (2,722 kg)
- with heavy-duty drawbar support	9,000 lb (4,082 kg)	9,000 lb (4,082 kg)	9,000 lb (4,082 kg)	9,000 lb (4,082 kg)
Hitch pin diameter (with auto drop)	2" (51 mm)	2" (51 mm)	2" (51 mm)	2" (51 mm)
Quick Hitch	Optional	Optional	Optional	Optional
Weight				
Base tractor weight*	31,500 lb (14,288 kg)	31,500 lb (14,288 kg)	31,500 lb (14,288 kg)	31,500 lb (14,288 kg)
Maximum operating weight	32,000 lb (14,515 kg)	34,000 lb (15,422 kg)	37,500 lb (17,010 kg)	40,000 lb (18,144 kg)
Capacities				
Fuel tank	250 U.S. gal (946 L)	250 U.S. gal (946 L)	250 U.S. gal (946 L)	250 U.S. gal (946 L)
Engine crankcase with filter	9.7 U.S. gal (36.7 L)	9.7 U.S. gal (36.7 L)	9.7 U.S. gal (36.7 L)	9.7 U.S. gal (36.7 L)
Cooling system	15.9 U.S. gal (60 L)	15.9 U.S. gal (60 L)	15.9 U.S. gal (60 L)	15.9 U.S. gal (60 L)
Hydraulic system	20 U.S. gal (75.7 L)	20 U.S. gal (75.7 L)	20 U.S. gal (75.7 L)	20 U.S. gal (75.7 L)
Planetary axle, each (standard)	11.1 U.S. gal (42 L)	11.1 U.S. gal (42 L)	N/A	N/A
Planetary axle, each (heavy-duty)	N/A	13.5 U.S. gal (51 L)	13.5 U.S. gal (51 L)	13.5 U.S. gal (51 L)
Windshield washer reservoir	3.5 qt (3.3 L)	3.5 qt (3.3 L)	3.5 qt (3.3 L)	3.5 qt (3.3 L)

*A base tractor is considered to have a mechanical transmission, with 710/70R38 drum-style duals, a standard drawbar, no fuel, no operator, no special added equipment, and no ballast.



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