VERSATILE

ROW CROP TRACTORS

» 250 to 305 hp

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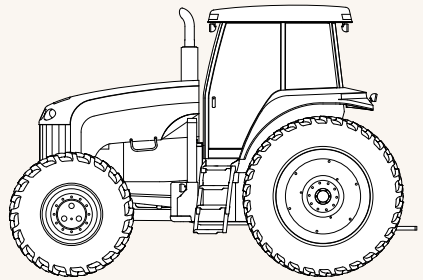
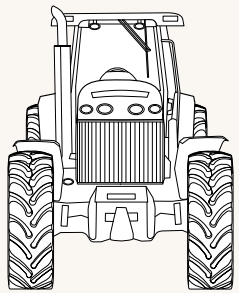
SPECIFICATIONS » 250, 280, 305

SPECIFICATIONS	ALL MODELS
Engine	
Engine type	Cummins QSC
Aspiration	Turbocharged & air-to-air aftercooled
Displacement	8.3-liter (506 cu. in.)
Bore and stroke	4.49 x 5.31 in (114 x 135 mm)
Rated engine speed	2100 rpm
Dimensions	
Height to top of cab	125 in (3175 mm)
Top of exhaust	126 in (3190 mm)
Ground clearance	18.6 in (471 mm)
Wheel base, Standard steer	121 in (3075 mm)
Wheel base, UltraSteer	125 in (3185 mm)
Length, Standard steer	200 in (5080 mm)
Length, UltraSteer	205 in (5210 mm)





MODEL	250	280	305
Engine performance			
Horsepower	250 hp (186 kW)	280 hp (209 kW)	305 hp (227 kW)
Power bulge	6% at 2500 rpm	6% at 2000 rpm	6% at 2000 rpm
PTO horsepower	205 hp (149 kW)	220 hp (168 kW)	245 hp (186 kW)
Torque rise	30% at 1500 rpm	43% at 1500 rpm	35% at 1500 rpm
Peak torque	830 lb-ft	1000 lb-ft	1020 lb-ft
Fuel system			
Capacity	110 U.S. gal (416 L)	110 U.S. gal (416 L)	110 U.S. gal (416 L)
Filter	Engine mounted with water separator	Engine mounted with water separator	Engine mounted with water separator
Transmission			
Powershift transmission	16 forward speeds, 9 reverse	16 forward speeds, 9 reverse	16 forward speeds, 9 reverse
Maximum speed	25 mph (40 kph)	25 mph (40 kph)	25 mph (40 kph)
Axles			
Front axle - track setting, FWD	60 to 88 in (1524 to 2235 mm)	60 to 88 in (1524 to 2235 mm)	60 to 88 in (1524 to 2235 mm)
Front axle - track setting, UltraSteer	60 to 88 in (1524 to 2235 mm)	60 to 88 in (1524 to 2235 mm)	60 to 88 in (1524 to 2235 mm)
Rear axle length	112 in (2845 mm)	112 in (2845 mm)	112 in (2845 mm)
Rear axle diameter	4.13 in (105 mm)	4.13 in (105 mm)	4.13 in (105 mm)
Rear axle track - width adjustable Axle A-112"	60 to 124 in (1524 to 3150 mm)	60 to 124 in (1524 to 3150 mm)	60 to 124 in (1524 to 3150 mm)
Rear axle track - width adjustable Axle B-120"	60 to 132 in (1524 to 3353 mm)	60 to 132 in (1524 to 3353 mm)	60 to 132 in (1524 to 3353 mm)
Hydraulics			
Hydraulic type	Closed Center Load Sensing System	Closed Center Load Sensing System	Closed Center Load Sensing System
HydraFlow rate at 2100 RPM	30 gpm (114 lpm)	30 gpm (114 lpm)	30 gpm (114 lpm)
HydraFlow Plus rate at 2100 RPM	55 gpm (208 lpm)	55 gpm (208 lpm)	55 gpm (208 lpm)
Hydraulic remotes - HydraFlow	3 standard, 4 optional	3 standard, 4 optional	3 standard, 4 optional
Hydraulic remotes - HydraFlow Plus	4 standard	4 standard	4 standard
Maximum system pressure	2900 psi (200 Bar)	2900 psi (200 Bar)	2900 psi (200 Bar)
Electrical system			
Alternator / Optional	12 V-160 amp / 180 amp	12 V-160 amp / 180 amp	12 V-160 amp / 180 amp
Batteries	2-12V, 950 CCA each	2-12V, 950 CCA each	2-12V, 950 CCA each
Standard lights	Halogen - 2 headlights, 9 worklights, 2 front roof mounted	Halogen - 2 headlights, 9 worklights, 2 front roof mounted	Halogen - 2 headlights, 9 worklights, 2 front roof mounted
High intensity discharge (HID) lighting	Optional	Optional	Optional
Drawbar / 3-point hitch / PTO			
3-point hitch	Category III	Category III	Category III
Standard (SAE) lift capacity	15,000 lb (6804 kg)	15,000 lb (6804 kg)	15,000 lb (6804 kg)
Electronic draft sensing	Standard	Standard	Standard
Weights			
Shipping weight - FWD	19,150 lb (8686 kg)	19,150 lb (8686 kg)	19,150 lb (8686 kg)
Shipping weight - UltraSteer	20,050 lb (9095 kg)	20,050 lb (9095 kg)	20,050 lb (9095 kg)
Capacities			
Fuel tank	110 U.S. gal (416 L)	110 U.S. gal (416 L)	110 U.S. gal (416 L)
Engine oil	20 qt (19 L)	20 qt (19 L)	20 qt (19 L)
Hydraulic system	124 qt (117 L)	124 qt (117 L)	124 qt (117 L)
Coolant system	29 qt (27.5 L)	29 qt (27.5 L)	29 qt (27.5 L)

**All specifications are based on the following tire sizes unless otherwise noted: 16.9R28 (FWD), 18.4R42 (Rear)*

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