



SCRAPER SPECIAL

» 435 and 485 hp



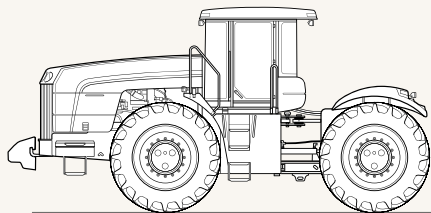
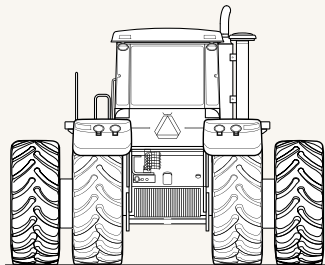
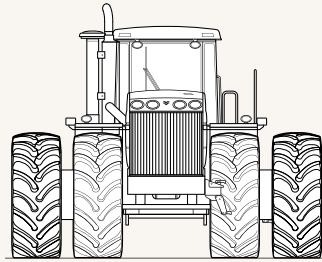
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SPECIFICATIONS » 435, 485

MODEL	ALL MODELS
Engine	
Engine type	Cummins QSX15
Aspiration	Turbocharged & air-to-air aftercooled
Displacement	15-liter
Dimensions	
Wheelbase	154" (3930 mm)
Height to top of exhaust	155" (3940 mm)
Height to top of cab	145.7" (3701 mm)
Overall length	310" (7874 mm)
Ground clearance, at drawbar	21.9" (556 mm)
Turning radius (with base tires)	394" (10000 mm)



MODEL	435	485
Engine performance		
Horsepower	435 hp (324 kw)	485 hp (362 kw)
Power bulge	7% at 1800 RPM	7% at 1800 RPM
Peak horsepower	465 hp (347 kw)	520 hp (389 kw)
Torque rise	35% at 1400 RPM	35% at 1400 RPM
Peak torque	1475 lb-ft	1650 lb-ft
Fuel system		
Filter	Engine mounted with water separator	Engine mounted with water separator
Filler neck	Rock screen	Rock screen
Transmission		
Powershift transmission	Caterpillar Powershift 16 x 4: 16 forward speeds, 4 reverse speeds, electro-hydraulic, fully modulated, oil-cooled, multidisc	
Maximum speed	25 mph (40 kph)	
Axles		
Versatile Outboard Planetary Axles	Heavy-duty	Heavy-duty
Differential Lock	Standard	Standard
Brakes	Dual dry caliper	Dual dry caliper
Hydraulic Trailer Brakes	Standard	Standard
Hydraulics		
Hydraulic type	Closed Center Load Sensing System with High Flow Hydraulic System	Closed Center Load Sensing System with High Flow Hydraulic System
High Flow hydraulic system	80 GPM (303 L/min)	80 GPM (303 L/min)
Hydraulic remotes (electro-hydraulic)	6 standard, 3/4" couplers	6 standard, 3/4" couplers
Maximum system pressure	2900 PSI (197 bar)	2900 PSI (197 bar)
Electrical System		
Alternator	12V - 180 amps	12V - 180 amps
Batteries	3-12V low maintenance, 950 CCA ea.	3-12V low maintenance, 950 CCA ea.
Beacon	Standard	Standard
Backup alarm	Standard	Standard
Drawbar		
Hitch	Standard	Standard
Hitch options	Miskin / Reynolds / K-Tec	Miskin / Reynolds / K-Tec
Tow cable	Standard	Standard
Cab		
Tether seat	Standard	Standard
Weights		
Base tractor weight*	42,500 lb (19,278 kg)	42,500 lb (19,278 kg)
Maximum operating weight	43,500 lb (19,731 kg)	48,500 lb (21,999 kg)
Capacities		
Fuel tank	350 U.S. gal (1325 L)	350 U.S. gal (1325 L)
Engine crankcase with filter	12.6 U.S. gal (47.8 L)	12.6 U.S. gal (47.8 L)
Cooling system	22 U.S. gal (83 L)	22 U.S. gal (83 L)
Hydraulic system	30 U.S. gal (113.6 L)	30 U.S. gal (113.6 L)
Planetary axle, each	15.1 U.S. gal (57 L)	15.1 U.S. gal (57 L)
Windshield washer reservoir	4 qt (3.8 L)	4 qt (3.8 L)

*A base tractor is considered to have 850/60R38 singles, a standard drawbar, front ballast, no fuel, no operator, no special added equipment.