

4WD SPECIFICATIONS

	405	430	460	530	580	620
ENGINE						
Engine Model	Cummins X12 (Stage V)			Cummins X15 (Stage V)		
Displacement	11.8 L (720 cid)			14.9 L (909 cid)		
Horsepower¹	400 hp (298 kW)	430 hp (320 kW)	460 hp (343 kW)	530 hp (395 kW)	580 hp (433 kW)	616 hp (459 kW)
Power Bulge	13% @ 1,800 rpm	11% @ 1,800 rpm	11% @ 1,800 rpm	10% @ 1,900 rpm	10% @ 1,900 rpm	8% @ 1,900 rpm
Peak Horsepower	450 hp (336 kW)	475 hp (354 kW)	512 hp (382 kW)	583 hp (435 kW)	638 hp (476 kW)	665 hp (496 kW)
Torque Rise	60% @ 1,400 rpm	51% @ 1,400 rpm	51% @ 1,400 rpm	45% @ 1,500 rpm	40% @ 1,500 rpm	34% @ 1,500 rpm
Peak Torque	1,600 lb-ft (2,169 N·m)	1,693 lb-ft (2,296 N·m)	1,696 lb-ft (2,300 N·m)	1,926 lb-ft (2,611 N·m)	2,026 lb-ft (2,747 N·m)	2,066 lb-ft (2,801 N·m)
Aspiration	Turbocharged and air-to-air aftercooled					
TRANSMISSION						
Powershift Transmission	Cat® TA19 transmission (16 forward, 4 reverse)			Cat® TA22 transmission (16 forward, 4 reverse)		
Maximum Speeds	22 mph (35 km/h)			23.5 mph (40 km/h)		
HYDRAULICS						
Type	Closed center load sensing system					
Standard Flow	53 gpm (201 L/min)					
High Flow (optional)	106 gpm (401 L/min)					
Implement Remotes	6 EHR					
Maximum System Pressure	2,900 psi (197 bar)					
DRAWBAR						
Drawbar (standard)	Category IV					
Drawbar (optional)	Heavy-duty drawbar support for Category IV			Heavy-duty drawbar support for Category IV; Category V		
Vertical Load Rating	Category IV: 6,000 lbs (2,722 kg) Category IV with heavy-duty drawbar support: 9,000 lbs (4,082 kg)			Category IV: 9,000 lbs (4,082 kg) Category IV with heavy-duty drawbar support: 12,000 lbs (5,443 kg) Category V: 15,000 lbs (6,804 kg)		
3-POINT HITCH & PTO						
3-Point Hitch²	Category IVN / III			Category IV		
PTO³	1,000 rpm, 1¾", 20 spline shaft					

4WD SPECIFICATIONS

	405	430	460	530	580	620
STEERING						
Articulation Angle	33°					
Oscillation	12°					
AXLES						
Type	Heavy-duty outboard planetary					
Differential Lock	Optional				Standard	
Brakes	Dual hydraulic self-adjusting disc brakes, front and rear axle					
CAB						
Volume	175.5 cu. ft. (4.97 cu. m)					
Glass	85.9 sq. ft. (7.98 sq. m)					
ELECTRICAL SYSTEM						
Alternator	12V-200 amps					
Batteries	3 12V, 1,000 CCA					
FUEL SYSTEM						
Fuel Capacity	250 U.S. gal (946 L)			343 U.S. gal (1,298 L)		
DEF Capacity	25 U.S. gal (95 L)			25 U.S. gal (95 L)		
WEIGHTS						
Base Tractor Weight ⁴	31,500 lbs (14,288 kg)			42,000 lbs (19,051 kg)		
Recommended Operating GVW	40,000 lbs (18,144 kg)	43,000 lbs (19,504 kg)	46,000 lbs (20,865 kg)	53,000 lbs (24,040 kg)	58,000 lbs (26,308 kg)	62,000 lbs (28,123 kg)
Wheelbase	135" (3,429 mm)			154" (3,900 mm)		

¹SAE horsepower

²SAE capacity

³PTO and 3-point hitch can't be combined

⁴Estimated weight based on standard drawbar, no fuel, no operator, no ballast, no additional equipment

NOTE: Specifications are correct at time of publishing and are subject to change