

4WD TRACTORS SPECIFICATIONS

MODELS: 405 / 430 / 460 / 530 / 580 / 620

	405	430	460	530	580	620
ENGINE						
Engine type	Cummins X12			Cummins X15		
Aspiration	Turbocharged & air - to - air aftercooled					
Displacement	11.8 L (720 cid)			14.9 L (909 cid)		
Horsepower	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)	583hp (435 kW)	638hp (476 kW)	665hp (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)	1926 lb/ft (2611 N-m)	2026 lb/ft (2747 N-m)	2066 lb/ft (2801 N-m)
FUEL SYSTEM						
Capacity	250 U.S. gal (946 L)			343 U.S. gal (1,298 L)		
Filter	Engine mounted w/water separator					
DEF	25 U.S. gal (95 L)			25 U.S. gal (95 L)		
TRANSMISSION						
Powershift transmission	Cat® TA19 transmission (16 forward speeds, 4 reverse)			Cat® TA22 transmission (16 forward speeds, 4 reverse)		
Maximum speeds	22 mph (35 km/h)			23.5 mph (40 km/h)		
AXLES						
Versatile outboard planetary axles	Heavy-duty					
Differential lock	Optional					Standard
Brakes	Dual hydraulic self-adjusting disc brakes, front & rear axle					
Wheelbase	135" (3,429 mm)			154" (3,900 mm)		
HYDRAULICS						
Advanced hydraulic type	Closed center load sensing system					
Hydraulic flow (standard)	53 gpm (201 L/min)					
High flow system (optional)	106 gpm (401 L/min)					
Hydraulic remotes (standard)	4 remotes					
High flow remotes (optional)	6 remotes					
Maximum system pressure	2,900 PSI (197 bar)					

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ELECTRICAL SYSTEM						
Alternator	12V - 200 amps					
Batteries	3-12V, 1,000 CCA ea.					
LED lighting	Optional					
Power mirrors	Standard					
Battery shut-off switch	Standard					
DRAWBAR / HITCH						
Drawbar type (standard)	Category IV drawbar					
Drawbar type (optional)	-			Category V drawbar		
Drawbar support (optional)	HD Drawbar Support (only available on Category IV)					
Vertical load rating	Category IV (6,000 lb/2,722 kg) Category IV w/HD Drawbar Support (9,000 lb/4,082 kg)			Category IV (9,000 lb/4,082 kg) Category IV w/HD Drawbar Support (12,000 lb/5,443 kg) Category V (15,000 lb/6,804 kg)		
	2" (51 mm)					
3-point hitch	Category IVN / III			Category IV		
Quick hitch	Optional					
PTO	1,000 RPM, 1-3/4" shaft					
CAB						
Volume	175.5 cu. ft. (4.97 cu. m)					
Glass	85.9 sq. ft. (8 sq. m)					
WEIGHTS						
Base tractor weight	31,500 lb (14,288 kg)			42,000 lb (19,051 kg)		
Max. operating weight	40,000 lb (18,144 kg)	43,000 lb (19,504 kg)	46,000 lb (20,865kg)	53,000 lb (24,040 kg)	58,000 lb (26,308 kg)	62,000 lb (28,123 kg)

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