

	380	405	430	460
ENGINE				
Engine type	Cummins QSG 12	Cummins QSG 12	Cummins QSG 12	Cummins QSG 12
Aspiration	Turbocharged & air-to-air aftercooled	Turbocharged & air-to-air aftercooled	Turbocharged & air-to-air aftercooled	Turbocharged & air-to-air aftercooled
Displacement	11.8-liter (720 cid)	11.8-liter (720 cid)	11.8-liter (720 cid)	11.8-liter (720 cid)
Horsepower	375 hp (280 kW)	400 hp (298 kW)	430 hp (320 kW)	460 hp (343 kW)
Power bulge	11% @ 1800 RPM	13% @ 1800 RPM	11% @ 1800 RPM	11% @ 1800 RPM
Peak horsepower	415 hp (309 kW)	450 hp (336 kW)	475 hp (354 kW)	512 hp (382 kW)
Torque rise	55% @ 1400 RPM	60% @ 1400 RPM	51% @ 1400 RPM	51% @ 1400 RPM
Peak torque	1450 lb-ft (1966 N-m)	1600 lb-ft (2169 N-m)	1693 lb-ft (2296 N-m)	1696 lb-ft (2300 N-m)
PTO hp	300 hp (224 kW)	320 hp (239 kW)	363 hp (271 kW)	363 hp (271 kW)
FUEL SYSTEM				
Capacity	250 US gal (946 L)	250 US gal (946 L)	250 US gal (946 L)	250 US gal (946 L)
Filter	Engine mounted w/water separator	Engine mounted w/water separator	Engine mounted w/water separator	Engine mounted w/water separator
DEF Tank	95 L (25 Gal)	95 L (25 Gal)	95 L (25 Gal)	95 L (25 Gal)
TRANSMISSION				
Powershift transmission	CAT 16 x 4 - 22 mph (35 km/hr) road speed	CAT 16 x 4 - 22 mph (35 km/hr) road speed	CAT 16 x 4 - 22 mph (35 km/hr) road speed	CAT 16 x 4 - 22 mph (35 km/hr) road speed
AXLES				
Versatile Outboard Planetary Axles	Heavy-duty	Heavy-duty	Heavy-duty	Heavy-duty
Differential lock	Optional	Optional	Optional	Optional
Brakes	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle
Wheelbase	135" (3429 mm)	135" (3429 mm)	135" (3429 mm)	135" (3429 mm)
HYDRAULICS				
Hydraulic type	Closed Center Load Sensing System	Closed Center Load Sensing System	Closed Center Load Sensing System	Closed Center Load Sensing System
Standard flow	53 GPM (201 L/min)	53 GPM (201 L/min)	53 GPM (201 L/min)	53 GPM (201 L/min)
Hi-Flow hydraulic system	106 GPM (401 L/min)	106 GPM (401 L/min)	106 GPM (401 L/min)	106 GPM (401 L/min)
Hydraulic remotes	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 - 200 amps	12V - 200 amps	12V - 200 amps	12V - 200 amps
Batteries	3-12V, 1000 CCA ea.	3-12V, 1000 CCA ea.	3-12V, 1000 CCA ea.	3-12V, 1000 CCA ea.
LED lighting / Power mirrors	Optional / Optional	Optional / Optional	Optional / Optional	Optional / Optional
Battery shut-off switch	Standard	Standard	Standard	Standard
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)
Vertical load rating w/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 (w/auto drop)	2" (51 mm)	2" (51 mm)	2" (51 mm)	2" (51 mm)
Quick hitch	Optional	Optional	Optional	Optional
3-point hitch	Category IVN / III	Category IVN / III	Category IVN / III	Category IVN / III
PTO	1000 RPM, 1-3/4 shaft	1000 RPM, 1-3/4 shaft	1000 RPM, 1-3/4 shaft	1000 RPM, 1-3/4 shaft
CAB				
Volume	175.5 cu. ft. (4.97 cu. m)	175.5 cu. ft. (4.97 cu. m)	175.5 cu. ft. (4.97 cu. m)	175.5 cu. ft. (4.97 cu. m)
Glass	85.9 sq. ft. (8 sq. m)	85.9 sq. ft. (8 sq. m)	85.9 sq. ft. (8 sq. m)	85.9 sq. ft. (8 sq. m)
WEIGHTS				
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)
Max. operating weight	38,000 lb (17,236 kg)	40,000 lb (18,144 kg)	43,000 lb (19,504 kg)	46,000 lb (20,865 kg)

*A base tractor is considered to have a standard drawbar, no fuel, no operator, no special added equipment and no ballast.

	520	570	610
ENGINE			
Engine type	Cummins QSX15 T4F	Cummins QSX15 T4F	Cummins QSX15 T4F
Aspiration	Turbocharged & air-to-air aftercooled	Turbocharged & air-to-air aftercooled	Turbocharged & air-to-air aftercooled
Displacement	14.9-liter (909 cid)	14.9-liter (909 cid)	14.9-liter (909 cid)
Horsepower	520 hp (387 kW)	570 hp (425 kW)	605 hp (455 kW)
Power bulge	11% @ 1800 RPM	10% @ 1800 RPM	7% @ 1800 RPM
Peak horsepower	572 hp (427 kW)	626 hp (467 kW)	650 hp (485 kW)
Torque rise	51% @ 1400 RPM	48% @ 1400 RPM	49% @ 1400 RPM
Peak torque	1700 lb-ft (2305 N-m)	1850 lb-ft (2508 N-m)	2050 lb-ft (2779 N-m)
FUEL SYSTEM			
Capacity	343 U.S. gal (1298 L)	343 U.S. gal (1298 L)	343 U.S. gal (1298 L)
Filter	Engine mounted w/water separator	Engine mounted w/water separator	Engine mounted w/water separator
DEF Tank	35 U.S. gal (132L)	35 U.S. gal (132L)	35 U.S. gal (132L)
TRANSMISSION			
Powershift transmission	CAT 16 x 4 - 23.5 mph (40 km/hr) road speed	CAT 16 x 4 - 23.5 mph (40 km/hr) road speed	CAT 16 x 4 - 23.5 mph (40 km/hr) road speed
AXLES			
Articulation angle	33°	33°	33°
Oscillation	12°	12°	12°
Versatile Outboard Planetary Axles	Heavy-duty	Heavy-duty	Heavy-duty
Differential lock	Optional	Optional	Standard
Brakes	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle
Wheelbase	154" (3900 mm)	154" (3900 mm)	154" (3900 mm)
HYDRAULICS			
Hydraulic type	Closed Center Load Sensing System	Closed Center Load Sensing System	Closed Center Load Sensing System
Standard flow	53 GPM (201 L/min)	53 GPM (201 L/min)	53 GPM (201 L/min)
Hi-Flow hydraulic system	106 GPM (401 L/min)	106 GPM (401 L/min)	106 GPM (401 L/min)
Hydraulic remotes	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)
ELECTRICAL SYSTEM			
Alternator	12V - 200 amps	12V - 200 amps	12V - 200 amps
Batteries	3-12V, 1000 CCA ea.	3-12V, 1000 CCA ea.	3-12V, 1000 CCA ea.
LED lighting / Power mirrors	Optional / Optional	Optional / Optional	Optional / Optional
Battery shut-off switch	Standard	Standard	Standard
DRAWBAR			
Vertical load rating	9,000 lb (4082 kg)	9,000 lb (4082 kg)	9,000 lb (4082 kg)
Vertical load rating w/heavy-duty drawbar support	12,000 lb (5443 kg)	12,000 lb (5443 kg)	12,000 lb (5443 kg)
CAT V drawbar rating (optional)	15,000 lb (6,804 kg) / 2.75" (70 mm) pin	15,000 lb (6,804 kg) / 2.75" (70 mm) pin	15,000 lb (6,804 kg) / 2.75" (70 mm) pin
Hitch pin diameter (w/auto drop)	2" (51 mm)	2" (51 mm)	2" (51 mm)
Quick hitch	Optional	Optional	Optional
3-point hitch	CAT IV	CAT IV	CAT IV
PTO	1000 RPM, 1-3/4 shaft	1000 RPM, 1-3/4 shaft	1000 RPM, 1-3/4 shaft
CAB			
Volume	175.5 cu. ft. (4.97 cu. m)	175.5 cu. ft. (4.97 cu. m)	175.5 cu. ft. (4.97 cu. m)
Glass	85.9 sq. ft. (8 sq. m)	85.9 sq. ft. (8 sq. m)	85.9 sq. ft. (8 sq. m)
WEIGHTS			
Base tractor weight*	42,000 lb (19,051 kg)	42,000 lb (19,051 kg)	42,000 lb (19,051 kg)
Max. operating weight	52,000 lb (23,587 kg)	57,000 lb (25,855 kg)	61,000 lb (27,669 kg)
*A base tractor is considered to have a standard drawbar, no fuel, no operator, no special added equipment and no ballast.			