STX SERIES STEIGER TRACTOR Specifications

Models STX275 WHEELED • STX275 ACCUSTEER • STX325 WHEELED • STX325 ACCUSTEER • STX375 WHEELED & HEAVY-DUTY • STX375 QUADTRAC • STX375 SCRAPER

	STX275 WHEELED	STX275 ACCUSTEER	STX325 WHEELED	STX325 ACCUSTEER	STX375 WHEELED & HEAVY-DUTY	STX375 QUADTRAC	STX375 SCRAPER
ENGINE	CDC	CDC	CDC	CDC	Cummins QSX15	Cummins QSX15	Cummins QSX 15
Displacement	505 CID (8.3 L)	505 CID (8.3 L)	543 CID (9L)	543 CID (9L)	915 CID (15 L)	915 CID (15 L)	915 CID (15 L)
Horsepower	275 hp (207 kW)	275 hp (207 kW)	325 hp (242 kW)	325 hp (242 kW)	375 hp (280 kW)	375 hp (280 kW)	375 hp (280 kW)
PTO horsepower**	225 hp (168 kW)	225 hp (168 kW)	270 hp (201 kW)	270 hp (201 kW)	330 hp (246 kW)	330 hp (246 kW)	330 hp (246 kW)
Power growth @1800 RPM	25 hp (19 kW)	25 hp (19 kW)	25 hp (19 kW)	25 hp (19 kW)	35 hp (26 kW)	35 hp (26 kW)	35 hp (26 kW)
Peak power	300 hp (227 kW)	300 hp (227 kW)	350 hp (261 kW)	350 hp (261 kW)	410 hp (306 kW)	410 hp (306 kW)	410 hp (306 kW)
Torque rise	40%	40%	35%	35%	40%	40%	40%
Peak torque	1022 lb-ft (1386 Nm)	1022 lb-ft (1386 Nm)	1150 lb-ft (1560 Nm)	1150 lb-ft (1560 Nm)	1380 lb-ft (1871 Nm)	1380 lb-ft (1871 Nm)	1380 lb-ft (1871 Nm)
FUEL							
Capacity	200 gal (758 L)	200 gal (758 L)	200 gal (758 L)	200 gal (758 L)	300 gal (1136 L)	300 gal (1136 L)	300 gal (1136 L)
Optimal consumption @ rated power***	9.9 gal/hr (37.5 L/hr)	9.9 gal/hr (37.5 L/hr)	11.9 gal/hr (45 L/hr)	11.9 gal/hr (45 L/hr)	13.6 gal/hr (51.5 L/hr)	13.6 gal/hr (51.5 L/hr)	13.6 gal/hr (51.5 L/hr)
TRANSMISSION	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift
BRAKES	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk
AXLES							
Final drive	3-gear inboard planetary	3-gear inboard planetary	3-gear inboard planetary	3-gear inboard planetary	4-pinion planetary (wheel) Compound planetary (h-d)	Inboard planetary	Compound planetary
Bar diameter	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)
HYDRAULICS	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC
Pump capacity-std.	40 GPM (151 LPM)	55 GPM (208 LPM)	40 GPM (151 LPM)	55 GPM (208 LPM)	40 GPM (151 LPM)	40 GPM (151 LPM)	55 GPM (208 LPM)
-opt.	55 GPM (208 LPM)	NA	55 GPM (208 LPM)	NA	55 GPM (208 LPM)	55 GPM (208 LPM)	NA
HITCH							
Type	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	NA
Lift capacity @24 in.(610 mm)	14,500 lb. (6577 kg)	14,500 lb. (6577 kg)	14,500 lb. (6577 kg)	14,500 lb. (6577 kg)	19,500 lb. (8845 kg)	19,500 lb. (8845 kg)	NA
POWER TAKE-OFF	1000 RPM optional	1000 RPM optional	1000 RPM optional	1000 RPM optional	1000 RPM optional	1000 RPM optional	NA
SURVEYOR CAB	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)
DRAWBAR							
Vertical load rating	Std. 4,500 lb. (2042 kg) Opt. 11,000 lb. (4990 kg)	Std. 4,500 lb. (2042 kg) Opt. 11,000 lb. (4990 kg)	Std. 4,500 lb. (2042 kg) Opt. 11,000 lb. (4990 kg)	Std. 4,500 lb. (2042 kg) Opt. 11,000 lb. (4990 kg)	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	NA NA
OPERATING WEIGHT	33,000 lb. (14,969 kg)	33,000 lb. (14,969 kg)	39,000 lb. (17,690 kg)	39,000 lb. (17,690 kg)	45,000 lb. (20,142 kg)	53,264 lb. (24,160 kg)	45,000 lb. (20,412 kg)
DIMENSIONS							
Outside frame width	36.5 in. (94 cm)	36.5 in. (94 cm)	36.5 in. (94 cm)	36.5 in. (94 cm)	44 in. (112 cm)	44 in. (112 cm)	44 in. (112 cm)
Wheelbase	139 in. (353 cm)	145 in. (368 cm)	139 in. (353 cm)	145 in. (368 cm)	154 in. (391 cm)	154 in. (391 cm)	154 in. (391 cm)
Frame articulation	42˚ left/right	42˚ left/right	42˚ left/right	42˚ left/right	42˚ left/right	38˚ left/right	42˚ left/right
AccuSteer system	NA	10˚ front steer	NA	10˚ front steer	NA	NA	NA
Frame oscillation	11˚ (22˚ total)	11˚ (22˚ total)	11˚ (22˚ total)	11˚ (22˚ total)	13˚ (26˚ total)	13˚ (26˚ total)	13˚ (26˚ total)
Centerline turn radius	15.8 ft. (4.8 m)	12.4 ft. (3.8 m)	15.8 ft. (4.8 m)	12.4 ft. (3.8 m)	16.7 ft. (5.1 m)	18.6 ft. (5.7 m)	16.7 ft. (5.1 m)
TRACK DETAILS	NA	NA	NA	NA	NA	Independent 4 tracks	NA
Width (std/opt)	NA	NA	NA	NA	NA	30 in. (76 cm)/36 in. (91 cm)	NA
Drive	NA	NA	NA	NA	NA	Positive	NA

*Specifications and design subject to change without notice.
**Manufacturer estimates.
***Fuel consumption at 75% load at rated engine speed. Average fuel weight, 7.1 lbs./gal. for diesel.

STX SERIES STEIGER TRACTOR Specifications

Models STX425 • STX425 QUADTRAC • STX425 SCRAPER • STX450 • STX450 QUADTRAC • STX450 SCRAPER

	STX425 W/24X6 MANUAL TRANSMISSION	STX425 W/16 SPEED POWERSHIFT TRANSMISSION	STX425 QUADTRAC	STX425 SCRAPER	STX450	STX450 QUADTRAC	STX450 SCRAPER
ENGINE	Cummins QSX15	Cummins QSX15	Cummins QSX15	Cummins QSX15	Cummins QSX15	Cummins QSX15	Cummins QSX 15
Displacement	915 CID (15 L)	915 CID (15 L)	915 CID (15 L)	915 CID (15 L)	915 CID (15 L)	915 CID (15 L)	915 CID (15 L)
Horsepower	425 hp (317 kW)	425 hp (317 kW)	425 hp (317 kW)	425 hp (317 kW)	450 hp (336 kW)	450 hp (336 kW)	450 hp (336 kW)
PTO horsepower**	370 hp (276 kW)	370 hp (276 kW)	370 hp (276 kW)	370 hp (276 kW)	395 hp (295 kW)	395 hp (295 kW)	395 hp (295 kW)
Power growth @1800 RPM	5 hp (4 kW)	35 hp (26 kW)	35 hp (26 kW)	35 hp (26 kW)	40 hp (30 kW)	40 hp (30 kW)	40 hp (30 kW)
Peak power	430 hp (321 kW)	460 hp (343 kW)	460 hp (343 kW)	460 hp (343 kW)	490 hp (365 kW)	490 hp (365 kW)	490 hp (365 kW)
Torque rise	35%	43%	43%	43%	41%	41%	41%
Peak torque	1501 lb-ft (2036 Nm)	1594 lb-ft (2162 Nm)	1594 lb-ft (2162 Nm)	1594 lb-ft (2162 Nm)	1669 lb-ft (2263 Nm)	1669 lb-ft (2263 Nm)	1669 lb-ft (2263 Nm)
FUEL							
Capacity	300 gal (1136 L)	300 gal (1136 L)	300 gal (1136 L)	300 gal (1136 L)	300 gal (1136 L)	300 gal (1136 L)	300 gal (1136 L)
Optimal consumption @ rated power***	15 gal/hr (57 L/hr)	15 gal/hr (57 L/hr)	15 gal/hr (57 L/hr)	15 gal/hr (57 L/hr)	16 gal/hr (60.5 L/hr)	16 gal/hr (60.5 L/hr)	16 gal/hr (60.5 L/hr)
TRANSMISSION	24x6 manual	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift	16/2 powershift
BRAKES	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk	Integral hydraulic wet disk
AXLES							
Final drive	4-pinion planetary	Compound planetary	Inboard planetary	Compound planetary	Compound planetary	Inboard planetary	Compound planetary
Bar diameter	4.5 in. (115 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)	4.5 in. (115 mm)
HYDRAULICS	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC	Parallel PFC
Pump capacity-std.	40 GPM (151 LPM)	40 GPM (151 LPM)	40 GPM (151 LPM)	55 GPM (208 LPM)	40 GPM (151 LPM)	40 GPM (151 LPM)	55 GPM (208 LPM)
-opt.	55 GPM (208 LPM)	55 GPM (208 LPM)	55 GPM (208 LPM)	NA	55 GPM (208 LPM)	55 GPM (208 LPM)	NA
HITCH							
Type	NA	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	NA	3-point Cat IV-N/Cat. III convertible	3-point Cat IV-N/Cat. III convertible	NA
Lift capacity @24 in.(610 mm)	NA	19,500 lb. (8845 kg)	19,500 lb. (8845 kg)	NA	19,500 lb. (8845 kg)	19,500 lb. (8845 kg)	NA
POWER TAKE-OFF	NA	1000 RPM optional	1000 RPM optional	NA	1000 RPM optional	1000 RPM optional	NA
SURVEYOR CAB	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)	Deluxe (std.)/Luxury (opt.)
DRAWBAR							
Vertical load rating	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	NA NA	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	Std. 5,300 lb. (2404 kg) Opt. 11,000 lb. (4990 kg)	NA NA
OPERATING WEIGHT	51,000 lb. (23,133 kg)	51,000 lb. (23,133 kg)	53,264 lb. (24,160 kg)	51,000 lb. (23,133 kg)	52,800 lb. (23,950 kg)	53,264 lb. (24,160 kg)	52,800 lb. (23,950 kg)
DIMENSIONS							
Outside frame width	44 in. (112 cm)	44 in. (112 cm)	44 in. (112 cm)	44 in. (112 cm)	44 in. (112 cm)	44 in. (112 cm)	44 in. (112 cm)
Wheelbase	154 in. (391 cm)	154 in. (391 cm)	154 in. (391 cm)	154 in. (391 cm)	154 in. (391 cm)	154 in. (391 cm)	154 in. (391 cm)
Frame articulation	42˚ left/right	42˚ left/right	38˚ left/right	42˚ left/right	42˚ left/right	38˚ left/right	42˚ left/right
AccuSteer system	NA	NA	NA	NA	NA	NA	NA
Frame oscillation	13˚ (26˚ total)	13˚ (26˚ total)	13˚ (26˚ total)	13˚ (26˚ total)	13˚ (26˚ total)	13˚ (26˚ total)	13˚ (26˚ total)
Centerline turn radius	16.7 ft. (5.1 m)	16.7 ft. (5.1 m)	18.6 ft. (5.7 m)	16.7 ft. (5.1 m)	16.7 ft. (5.1 m)	18.6 ft. (5.7 m)	16.7 ft. (5.1 m)
TRACK DETAILS	NA	NA	Independent 4 tracks	NA	NA	Independent 4 tracks	NA
Width (std/opt)	NA	NA	30 in. (76 cm)/36 in. (91 cm)	NA	NA	30 in. (76 cm)/36 in. (91 cm)	NA
Drive	NA	NA	Positive	NA	NA	Positive	NA

*Specifications and design subject to change without notice. **Manufacturer estimates. ***Fuel consumption at 75% load at rated engine speed. Average fuel weight, 7.1 lbs./gal. for diesel.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

Case Corporation reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice.

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