

# STEIGER® AND STEIGER QUADTRAC®





# STEIGER® AND STEIGER QUADTRAC® TRACTORS

13 Models | 425 - 785 | 467–853 Peak HP\*

## STEIGER®

**MODELS:** 425 / 475 / 525 / 555 / 595 / 645

**HORSEPOWER:** 467 – 699 PEAK HP\*

## STEIGER® QUADTRAC

**MODELS:** 475 / 525 / 555 / 595 / 645 / 715 / 785

**HORSEPOWER:** 522 – 853 PEAK HP\*

### TRANSMISSION:

- PowerDrive Transmission
- Up to 428 l/min max. hydraulic pump flow
- Up to 8 rear remote valves

### CONFIGURATIONS:

- Row Crop Narrow-Frame, High-Horsepower or Heavy-Duty Wheeled Scraper

### TRANSMISSION:

- PowerDrive Transmission
- Up to 428 l/min max. hydraulic pump flow
- Up to 8 rear remote valves

### CONFIGURATIONS:

- Ag Quadtrac or Heavy-Duty Quadtrac Scraper
- Optional Heavy-Duty Suspended Undercarriage

\*See specs for details.

MODEL	STEIGER 425	STEIGER 475 / QUADTRAC	STEIGER 525 / QUADTRAC	STEIGER 555 / QUADTRAC	STEIGER 595 / QUADTRAC	STEIGER 645 / QUADTRAC	STEIGER 715 QUADTRAC	STEIGER 785 QUADTRAC
<b>ENGINE</b>								
Engine Aspiration System / Fuel Type	Case IH FPT / Tier 2B							
Engine Aspiration	Electronic High Pressure Common Rail / SST (EVGT) & Air To Air Aftercooling / Diesel			Electronic High Pressure Common Rail / TST, Air To Water Intercooling & Air To Water Aftercooling / Diesel				
Number of Cylinders/ Valves / Displacement (litres)	6 / 24 / 12.9 (12,897cu. cm)						6 / 24 / 15.9 (15,896cu. cm)	
Bore x Stroke (mm)	135 x 150						141 x 170	
Rated Power ECE R120 (kW/hp(CV))	312 / 425	349 / 475	386 / 525	408 / 555	438 / 595	474 / 645	527 / 715	577 / 785
Rated Power ECE R120 Power Management / Power Boost (kW/hp(CV))	341 / 463	378 / 514	415 / 564	440 / 598	467 / 635	504 / 685	547 / 743	601 / 817
Rated Engine Speed (rpm)	2100							
Maximum Power ECE R120 (kW/hp(CV))	344 / 467	384 / 522	425 / 578	451 / 614	482 / 656	514 / 699	572 / 778	627 / 853
... at Engine Speed (rpm)	1900							
Maximum Torque - (Nm/@ 1,400 rpm)	1,989	2,222	2,459	2,681	2,877	3,061	3,356	3,681
Torque Rise % - Power Management / Power Boost	40%							
Fuel Tank Steiger (litres)	1,173	1,173	1,173	1,722	1,722	1,722	NA	NA
Fuel Tank Quadtrac (litres)	NA	1,779	1,779	1,779	1,779	1,779	1,968	
<b>ELECTRICAL</b>								
Alternator / Battery	12V 240 Amp Standard (12V 330 Amp ) Optional) / 3 x 950 Cranking Amps							
Starting Power	24 Volt With Solenoid Switch							
<b>TRANSMISSION</b>								
Transmission (Standard)	PowerDrive full-powershift 16F/2R with 16 Hi (25 mph/40 kph or 26.5 mph/42.6 kph with HDS)						PowerDrive full-powershift 16F/2R with 16 Hi (26.5 mph/42.6 kph with HDS)	
Rear Axle Diff-Lock Type	Multi disc wet plate with management system							
Service Brake	Multiple Disc Wet, Integral With Front and Rear Axles							
<b>AXLES</b>								
Alxe Diameter (mm) Steiger / Quadtrac	127 mm (5.0 in.) bar with 4 gear planetary / N/A	127 mm (5.0 in.) bar with 4 gear planetary / Flanged		127 mm (5.0 in.) bar with 4 gear planetary / Flanged	140 mm (5.5 in.) bar with 3 gear planetary / Flanged		NA / Flanged	
Track Width Options	457mm (18 in), 533mm (21 in), 610mm (24 in), 762mm (30 in)			762mm (30 in), 914mm (36 in)				
Duals on PowerDrive (Steiger Only)	Optional							
Automatic Differential Lock	Standard							
<b>FOUR-WHEEL DRIVE AND STEERING</b>								
Type	Electro-hydraulic with management system							
Steering Angle Steiger / Quadtrac (°)	42°	42°/38°	42°/38°	38° / 38°	38° / 38°	38° / 38°	36°	36°
Min. Turning Radius Steiger / Quadtrac (°)	5,200/6,000	5,200/6,000	5,200/6,000	6,000 / 6,200	6,000 / 6,200	6,000 / 6,200	6,400	6,400
<b>POWER TAKE OFF</b>								
Type	Electro-hydraulic Multi Plate Wet Clutch							
PTO- Optional	1000RPM							
Shaft Type	1 3/4 in. Shaft							

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<b>HYDRAULIC SYSTEM</b>								
System Type	PFC (Pressure Flow Compensating)							
Pump Flow and System Type Main Hydraulic Standard/High Flow/Twin Flow (l/min)	159 / 216 / 428	159 / 216 / 428	159 / 216 / 428	159 / 216 / 428	159 / 216 / 428	159 / 216 / 428	216 / 428	216 / 428
Available Flow at Single Remote Valve (l/min)	133 / 170							
System Pressure (bar)	210							
Max Lift Capacity TPH @Hook End from Std / Opt (kg)	9,934 / 10,092							
Category Type	Cat 4N*							
Max. Number of Remote Valves Std / Opt	4 / 6 / 8 Electrical							
<b>HEAVY DUTY DRAWBAR</b>								
Diameter of drawbar pin-high capacity (mm)	70 / 50							
Drawbar Vertical Capacity for Steiger and Quadtrac (kg)	4,989 or 6,804**						6804**	
<b>WEIGHT</b>								
Base Shipping Weight (kg)	18,507	18,562 / 23,358	18,562 / 23,358	21,512 / 25,038	22,825 / 25,764	22,825 / 25,764	27,760	
Max Ballasted Weights (kg)	25,401	25,401 / 30,390	25,401 / 30,390	27,215 / 30,390	30,390 / 30,390	30,390 / 30,390	32,658	
<b>DIMENSIONS</b>								
A: Approximate Total Length (mm)	7493	7,493 / 7,770	7,493 / 7,770	7,750 / 7,770	7,750 / 7,770	7,750 / 7,770	8290	
B: Approximate Total Height (mm)	4048	4048 / 3835	4048 / 3835	4141 / 3835	4141 / 3835	4,141 / 3,835	3918	
C: Approximate Total Width for Steiger (across Rear Fenders. Excluding Duals (mm)	2550	2550	2550	2990	2990	2990	-	
C: Approximate Total Width for Steiger (across Rear Fenders. Including Duals (mm)	4616	4616	4616	4610	4610	4610	-	
C: Approximate Total Width for Quadtrac (across Rear Fenders with 150 mm Extension) 762mm and 914 mm Tracks (mm)	NA	2,997 / 3,150	2,997 / 3,150	2,997 / 3,150	2,997 / 3,150	2,997 / 3,150	2,997 / 3,150	
D: Wheelbase Stand / Track (mm)	3759	3,759 / 3,912	3,759 / 3,912	3,911 / 3,912	3,911 / 3,912	3,911 / 3,912	3912	
F: Track Setting Front (mm)	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914	
Rear (mm)	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914	

FPT = Fiat Power-Train

SST = Single Stage Turbo

TST = Two-Stage Turbo-Charged

EVGT = Electronic Variable Geometry Turbo Charger

TPH = Three Point Hitch

Standard = Std

Optional = Opt

\* Convertible to Cat. 3

\*\* Draw bar to CAT 5 Standard with Cat. 4 adapter

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SAFETY NEVER HURTS!<sup>TM</sup> Always read the Operators Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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