

STEIGER[®] & QUADTRAC[®]





STEIGER® & QUADTRAC® TRACTORS

12 Models | 425–715 | 467–778 Peak HP*

STEIGER

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

HORSEPOWER: 467 – 699 PEAK HP*

QUADTRAC

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

HORSEPOWER: 522 – 778 PEAK HP*

TRANSMISSION:

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

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- 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

CONFIGURATIONS:

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

*See specs for details.

MODEL	425 STEIGER	475 STEIGER / QUADTRAC	525 STEIGER / QUADTRAC	555 STEIGER / QUADTRAC	595 STEIGER / QUADTRAC	645 STEIGER / QUADTRAC	715 QUADTRAC
ENGINE							
Engine Type / Emission Level	Case IH FPT Tier 2B						
Number of Cylinders / Fuel Type	6 / Common Rail Diesel Turbocharged and Intercooled						
Engine Aspiration	SST Electronic Variable Geometry Turbo charger (EVGT)			Two-stage turbo-charged, air-to-air after-cooled (TST)			
Valves / Displacement (litres)	24 / 12.9 (12,897 cu. cm)						24 / 15.9 (15,896 cu. cm)
Bore x Stroke (mm)	135 x150						
Rated Power ECE R120 (kW/hp (CV))	312 / 425	349 / 475	386 / 525	408 / 555	438 / 595	474 / 645	527 / 715
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
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
... at Engine Speed (rpm)	1900						
Maximum Torque - (Nm/@ 1,400 rpm)	1,989	2,222	2,459	2,681	2,877	3,061	3,255
Torque Rise % - Power Management / Power Boost	40%						36%
Fuel Tank Steiger (litres)	1,173	1,173	1,173	1,722	1,722	1,722	NA
Fuel Tank Quadtrac (litres)	NA	1,779	1,779	1,779	1,779	1,779	1,968
ELECTRICAL							
Alternator / Battery	12 Volt 240 Amp x 2 (12V 330 amp optional) / @ 950 cranking Amps						
Starting Power	24 Volt with solenoid switch						
TRANSMISSION							
Transmission (Standard)	PowerDrive Full-Powershift 16F / 2R with 16 Hi (25 mph / 40 kph and 26.5 mph / 43 kph for Quadtrac models 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						
AXLES							
Rear Bar Axle 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		
Bar Axle Width (mm) Steiger / Quadtrac	3,048 mm (120 in.) / 2,032 mm (80 in.) or 2,235 mm (88 in.) or 3,048 mm (120 in.) / N/A	3,048 mm (120 in.) / 2,032 mm (80 in.) or 2,235 mm (88 in.) or 3,048 mm (120 in.) / 2,235 mm (88 in.)	3,048 mm (120 in.) / 2,235 mm (88 in.)		NA / 2,235 mm (88 in.)		
Duals on PowerDrive	Optional						
Automatic Differential Lock	Standard						
FOUR-WHEEL DRIVE AND STEERING							
Type	Electro-hydraulic with management system						
Steering Angle Steiger / Quadtrac (°)	42°	42°/38°	42°/38°	38°	38°	38°	36°
Min. Turning Radius @ Track Setting 1829 (mm)	5200	5,200/6,200	5,200/6,200	6000	6000	6000	6400
POWER TAKE OFF							
Type	Electro-hydraulic Multi Plate Wet Clutch						
PTO- Optional	1000RPM						
PTO- Optional	1 3/4 in. Shaft						

FPT= Fiat Power-Train SST= Single Stage Turbo

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HYDRAULIC SYSTEM							
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
Available Flow at Single Remote Valve	133 / 170						
System Pressure (bar)	210						
Three Point Linkage Maxium Lift Capacity @ Hook End	9,934 kg - 10,092 Kg						
Three Point Category	Cat. 4N* / Cat. 4N*						
Max. Number of Remote Valves Standard / Optional	4 / 6 / 8 Electrical	4 / 6 / 8 Electrical	4 / 6 / 8 Electrical	4 / 6 / 8 Electrical	4 / 6 / 8 Electrical	4 / 6 / 8 Electrical	4 / 6 / 8 Electrical
HEAVY DUTY DRAWBAR							
Diameter of drawbar pin-high capacity (mm)	50/70						
Drawbar Vertical Capacity for Steiger and Quadtrac only (CAT 5)	4,989kg or 6,804 Kg						
WEIGHT							
Base Shipping Weight (kg)	18562	18,562 / 24,358	18,562 / 24,358	21,512 / 25,038	23,328/ 25,764	23,328 / 25,764	27760
Max Ballasted Weights (kg)	25401	25,401/30,390	25,401/30,390	27,215/30,390	30390	30390	32658
DIMENSIONS							
A: Approximate Total Length (mm)	7493	7,493 / 7,613	7,493 / 7,613	7,615 / 7,613	7,615 / 7,613	7,615 / 7,613	8190
B: Approximate Total Height (mm)	4048	4048 / 3835	3843 / 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

* Convertible to Cat. 3

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