

STEIGER[®]





STEIGER® SERIES TRACTORS

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

WHEELED

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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- 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

CONFIGURATIONS:

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

*See specs for details.

| MODEL | 425 WHEELED | 475 WHEELED / QUADTRAC | 525 WHEELED / QUADTRAC | 555 WHEELED / QUADTRAC | 595 WHEELED / QUADTRAC | 645 WHEELED / 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) HP ¹ | 312 / 425 | 349 / 475 | 386 / 525 | 408 / 555 | 438 / 595 | 474 / 645 | 527 / 715 |
| Rated Engine Speed (rpm) | 2100 | | | | | | |
| Maximum Power (ECE R120 Power Management / Power Boost) kW/hp(CV) HP ² | 341 / 463 | 378 / 514 | 415 / 564 | 440 / 598 | 467 / 635 | 504 / 685 | 547 / 743 |
| Maximum Power ECE R120) Power Management / Power Boost) (kW/hp(CV)) | 344 / 467 | 3 84 / 522 | 425 / 578 | 451 / 614 | 482 / 656 | 514 / 699 | 572 / 778 |
| ... at Engine Speed (rpm) | 2000 | | | | | | |
| 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 Wheel (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 Alxe Diameter (mm) Wheeled / 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) Wheeled / 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 Wheel / 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 | | | | | | |

| MODEL | 425 WHEELED | 475 WHEELED / QUADTRAC | 525 WHEELED / QUADTRAC | 555 WHEELED / QUADTRAC | 595 WHEELED / QUADTRAC | 645 WHEELED / QUADTRAC | 715 QUADTRAC |
|--|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------|
| 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 Wheeled 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 Wheels (across Rear Fenders. Excluding Duals (mm) | 2550 | 2550 | 2550 | 2990 | 2990 | 2990 | - |
| C: Approximate Total Width for Wheels (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 |

¹Rated 2,100 engine rpm ISO per ECE R120 (CV) ²1,900 engine rpm ISO per ECE R120 (CV) * Convertible to Cat. 3

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SAFETY NEVER HURTS!™ 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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