



Crawler 550G

ENGINE

Model 4-390/4T 390
 Type 4-stroke
 Fuel injection Direct
 Cylinders 4
 Bore/Stroke 4.02" x 4.72"
 Displacement 239 in³
 Horsepower 4-390 (naturally aspirated)
 Gross 75 @ 2200 rpm
 Net 67 @ 2200 rpm
 Maximum torque
 Gross 196 lb·ft @ 1600 rpm
 Net 186 lb·ft @ 1450 rpm
 Horsepower 4T-390 (turbocharged*)
 Gross 75 @ 2200 rpm
 Net 67 @ 2200 rpm
 Nominal Peak torque
 Gross 201 lb·ft @ 1400 rpm
 Net 193 lb·ft @ 1300 rpm

DRIVELINE

4 forward/reverse speeds – Pressure-sensing forward/reverse modulation – Torque converter – Modular powertrain – Foot-operated shifter – Individual track speeds

TRAVEL SPEEDS MPH

	Forward	Reverse
1st	2.5	2.7
2nd	3.4	3.7
3rd	4.2	4.6
4th	5.8	6.4

NOTE: For the Rubber track, add 0.03 to each

CONTROLS

U-shift or optional straight-line forward/reverse shift pattern – Individual track levers – Foot-operated shifter

HYDRAULIC SYSTEM

Pump Front-mounted gear type
 Flow 18.6 gpm @ 2000 rpm
 Pressure 2500 psi
 LGP 2200 psi

ELECTRICAL SYSTEM

Voltage 12-volt, negative ground
 Alternator 65 amp
 Battery 12-volt, low-maintenance
 700 cold-cranking amps @ 0° F

SERVICE CAPACITIES

Fuel 30.5 gal
 Hydraulic system 10.3 gal
 Transmission/torque converter 8.0 gal
 Engine oil (w/filter) 2.8 gal
 Final drives (each side) 1.5 gal
 Cooling system 4.1 gal

MAXIMUM DRAWBAR PULL

	N.A.	Turbo
1st gear	21,603 lb	21,829 lb
2nd gear	15,527 lb	15,691 lb
3rd gear	12,341 lb	12,473 lb
4th gear	8,799 lb	8,894 lb

RUBBER TRACK

1st gear	20,097 lb	20,308 lb
2nd gear	14,435 lb	14,587 lb
3rd gear	11,466 lb	11,588 lb
4th gear	8,164 lb	8,253 lb

BLADE

	550G	550G
LGP		
Blade		
Width	96"	104"
Height	30"	28"

UNDERCARRIAGE

Track frame Rigid
 Track rollers (each side) 6
 Carrier rollers (each side) 1
 Track gauges
 Long track/Rubber track 53"
 LGP 64"
 Length of track on ground 78"
 Shoes per track
 (LT & LGP, each side) 37
 Rubber track Continuous
 Area of track on ground
 LT/RT w/16" shoes 2,496 in²
 LGP w/20" shoes 3,120 in²
 LGP w/28" shoes 4,368 in²
 Ground pressure
 LT w/16" shoes 5.5 psi
 RT w/16" shoes 5.4 psi
 LGP w/20" shoes 4.3 psi
 LGP w/28" shoes 3.2 psi
 Height of track grouser
 Long track/LGP 1.85"
 Rubber track 2.0"

STEERING/BRAKING

Power turn 1 track/high speed
 1 track/low speed
 Gradual turn 1 track engaged
 1 track in neutral
 Brake turn both tracks
 in same speed

DIMENSIONS

	Long Track/Rubber Track	LGP
Length - blade straight	12'10.8"	12'10.8"
Length - blade angled	14'7.1"	14'6"
Width - blade straight	96"	104"
Width - blade angled.....	88.5"	99.6"
Height to top of ROPS	8'4.6"	8'4.6"
Height to top of exhaust pipe	7'5.7"	7'5.7"
Height to top of seat.....	6'1.0"	6'1.0"
Ground clearance.....	LT 12.7"/RT 13.5"	12.7"
Blade lift above ground	39"	39"
Blade depth below ground.....	19.6"	19.6"
Blade angle both directions	0° - 25°	0° - 25°
Blade tilt, each end	13"	14"
Dozer blade		
Blade height.....	30"	28"
Push beam	inside	inside
Blade capacity	1.4 yd ³	1.34 yd ³
Tractor Dozer		
Overall length	12'10.8"	12'10.8"
Overall length with ripper raised	16'8.3"	16'8.3"
- less "C" frame and blade	9'10"	9'10"
Maximum shoe width.....	LT/RT 16"	20"
.....	20"	28"
Overall width at track w/max. shoe.....	69"	92"
Turning clearance circle, pivot turn.....	20'6"	20'8"
Operating weight (approximate)	13,600 lb*	14,000 lb**

*Includes ROPS, full fuel tank, 175 lb operator, 16" track shoes, and 500 lb counterweight.

**Includes ROPS, full fuel tank, 175 lb operator, 28" track shoes.

NOTE: Case High Flotation LGP Crawler Tractors are designed for use in mud or soft footing. If misapplied by frequent use in ground conditions other than those

CYLINDERS

Cylinders	Bore	Stroke	Rod
Lift (2)	2.5"	28.0"	1.5"
Angle (2)	4.0"	8.3"	2.0"
Tilt (1)	3.0"	8.0"	1.5"

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550G Page 2 of 2

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