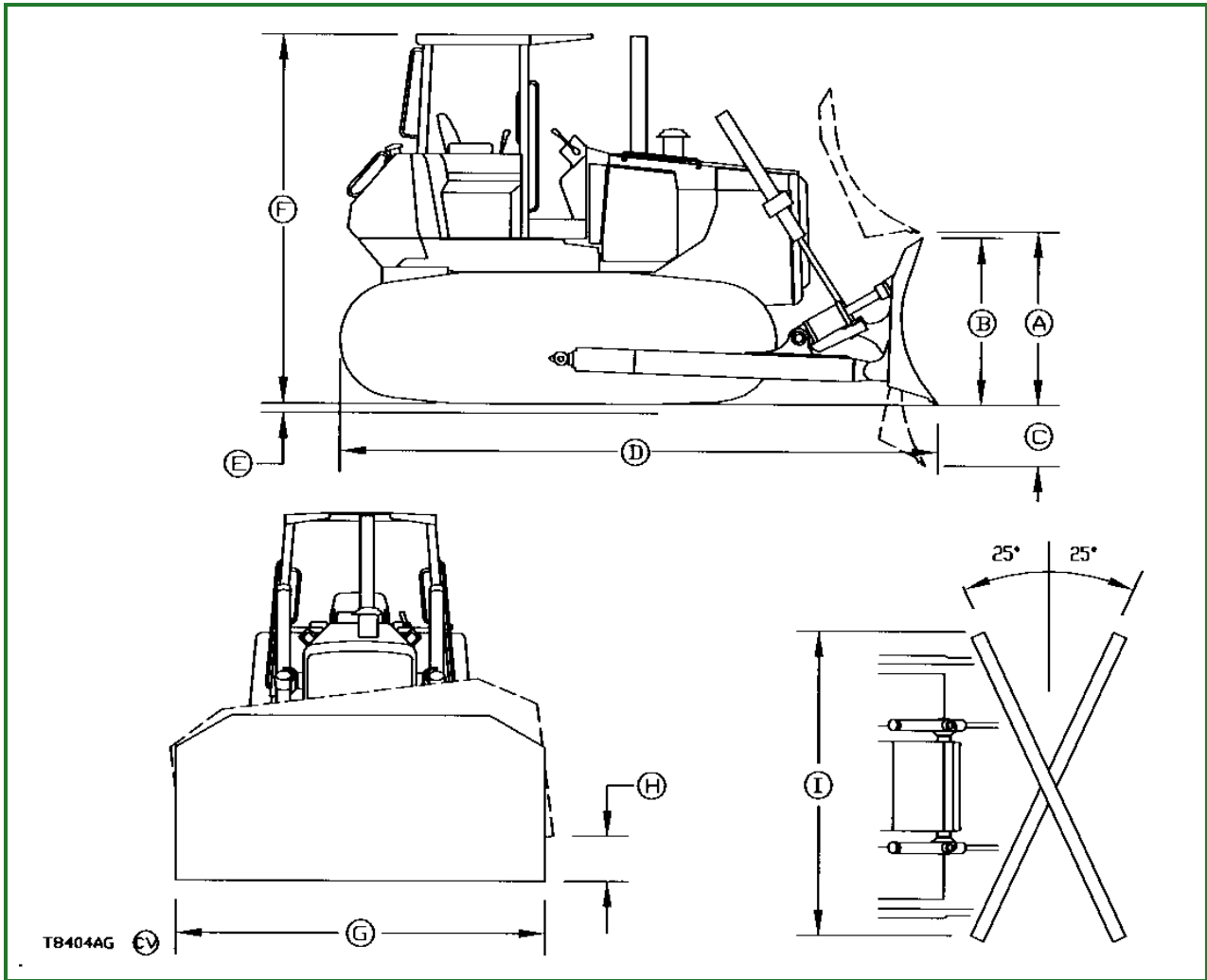


### 750C LGP Dimensions



Item	Measurement	Specification
750C LGP All-Hydraulic Dozer (PAT):		
Blade	Capacity	4.84 m <sup>3</sup> (3.70 cu yd)
A—Blade Lift	Height	899 mm (35.4 in.)
B—Blade	Height	1143 mm (45 in.)
C—Digging	Depth	851 mm (33.4 in.)
D—Overall Machine	Length	4916 mm (16 ft 1 in.)
E—Tread Depth with Single-Bar Grouser (Moderate Duty)	Depth	56 mm (2.2 in.)
F—Overall Machine	Height	3065 mm (10 ft 1 in.)
G—Blade	Width	3861 mm (12 ft 8 in.)
H—Blade Width at Maximum Tilt	Width	484 mm (19.1 in.)
I—Overall Blade Width (with Blade Angled)	Width	3541 mm (11 ft 7 in.)

CED,OUO1032,1008-19-19981006

## 850C Specifications

### NOTE:

*Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with ICED and SAE standards. Except where otherwise noted, these specifications are based on a unit equipped with 610 mm (24 in.) grousers, rigid drawbar, front hook, roll-over protective canopy, full fuel tank, 79 kg (175 lb) operator, and standard equipment.*

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 6270B using No. 2-D fuel at 35 API gravity. No derating is required up to 3050 m (10,000 ft) altitude. Gross power is without cooling fan.

Item	Measurement	Specification
<b>John Deere 6-Cylinder Turbocharged Diesel Engine 6076 (S.N. —822867)</b>		
Fuel Consumption, Typical (S.N. —822867)	Consumption	16.3—20.0 L/h (4.3—5.3 gal/hr)
Maximum Net Torque at 1300 rpm (S.N. —822867)	Torque Rise	825 N·m (609 lb-ft)
<b>John Deere 6-Cylinder PowerTech® Turbocharged Diesel Engine 6081AT (S.N. 822868— )</b>		
Fuel Consumption, Typical (S.N. 822868— )	Consumption	17.4—26.1 L/h (4.6—6.9 gal/hr)
Maximum Net Torque at 1300 rpm (S.N. 822868— )	Torque Rise	812 N·m (599 lb-ft)
Rated Power at 2100 rpm	Power	104 kW (140 hp) SAE net horsepower 134 kW (180 hp) SAE gross horsepower
Bore and Stroke	Distance	115.8 x 128.5 mm (4.56 x 5.06 in.)
Piston	Displacement	8.1 L (496 cu in.)
Electrical System	Voltage	24-volt with 45-amp alternator
Batteries	Voltage	Two 12-volt
	Cold Cranking Amps	625 amps each at —18°C (0°F)
	Reserve Capacity	160 minutes each at —18°C (0°F)
Transmission	Speed	Infinite from 0—11 km/h (0—6.8 mph) forward and reverse
Drawbar Pull at 1.9 km/h (1.2 mph)	Force	156 kN (35,200 lb force)
Hydraulic System (Open Center)	Pressure	15 514 kPa (2250 psi)
	Flow Rate	166 L/min (44 gpm) at 2100 rpm
<b>Undercarriage:</b>		
850C Track Shoes (Each Side)	Quantity	40
850C LGP Track Shoes (Each Side)	Quantity	43
850C Ground Contact Area (with 24 in. Shoes)	Area	33 550 cm <sup>2</sup> (5200 sq in.)
850C WT Ground Contact Area (with 30 in. Shoes)	Area	41 803 cm <sup>2</sup> (6480 sq in.)
850C LGP Ground Contact Area (with 38 in. Shoes)	Area	59 039 cm <sup>2</sup> (9151 sq in.)
850C LGP Low Ground Pressure (with Swamp Shoe)	Clearance	490 mm (19.3 in.)
850C Track	Pitch	203 mm (8 in.)
	Gauge	1.88 m (74 in.)