



# 690E-LC

## EXCAVATOR



**SAE Net  
Horsepower**

130 hp  
(97 kW)

**Digging  
Depth**

21 ft. 8 in.  
(6.60 m)

**Operating  
Weight**

45,120 lb.  
(20,467 kg)

Model shown may include options



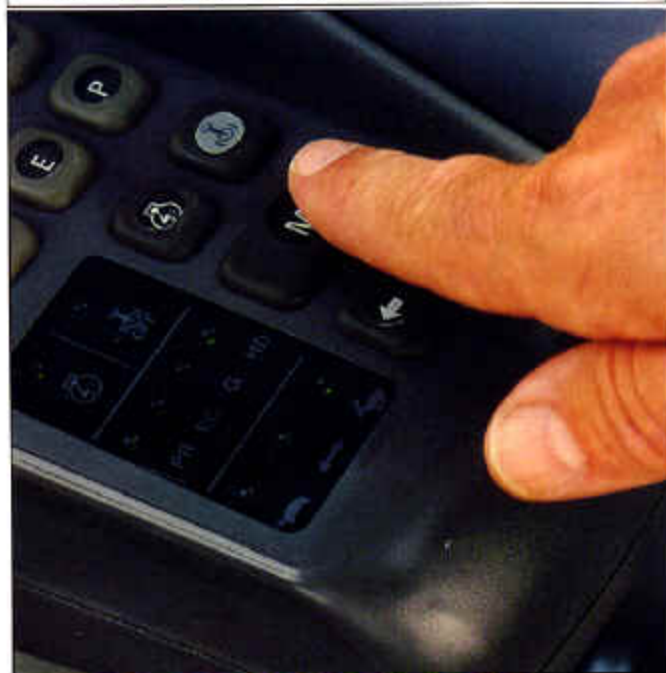
## QUADTRONICS

State-of-the-art technology simplifies your job. Just touch the work mode button for four preprogrammed engine speed/hydraulic flow combinations. Engine speed can be adjusted with the power mode buttons (There are four preprogrammed speeds.) or by using the throttle buttons. QUADTRONICS lets you easily tailor machine output to the job, delivers more efficient production and uses less fuel. It's simply the best engine/hydraulic management system available today.



## HYDRAULIC CONTROLS

Controls are pilot operated for low effort, precise metering and smooth operation. When a hydraulic function is not used for eight seconds, the 690E's auto-idle feature reduces the engine speed to 1300 rpm to save fuel. As soon as a control lever is moved, the engine automatically resumes its pre-selected speed. Touch the button on top of the right control lever and you get a 10-second power boost of 10 percent more hydraulic pressure.



## ELECTRONIC CONTROLS

This panel puts control of the 690E at your fingertips. Adjust engine speed with a simple touch of one of the top buttons. Or select any of four pre-selected speeds with one of the four buttons below. The swing brake and the auto idle are also controlled by the touch of a button. Simply touch the "M" button to select the hydraulic work mode of choice. Select any of three travel speeds by a touch of the bottom buttons.



## TRANSPORT

Get unparalleled over-the-ground performance. The "low" mode delivers 40,300 lb. (179.3 kN) of drawbar pull. Use for maximum power and precise control. For the same power and a top speed of 1.8 mph (2.9 km/h) use "medium". In "high," top speed is 3.5 mph (5.6 km/h), and the 690E adjusts to changing job conditions by automatically shifting between high and medium as the situation dictates.

## BUCKET SELECTION CHART

### RECOMMENDED BUCKET SIZE\*

lb/yd <sup>3</sup>	kg/m <sup>3</sup>	MATERIAL (bank weight unless noted)	General Purpose		Heavy Duty	
			cu. yd.	m <sup>3</sup>	cu. yd.	m <sup>3</sup>
700	420	Wood chips, loose	6	4.6	—	—
800	470	Peat, dry	5	3.8	—	—
1250	740	Peat, wet	4	3.1	—	—
1450	860	Cinders, loose	5	2.3	—	—
1600	950	Topsoil, loose	2.25	1.7	—	—
2300	1360	Topsoil, heavy packed or bank	1.88	1.4	—	—
2400	1420	Coal, natural bed or bank	1.88	1.4	—	—
2600	1540	Earth, dry loam	1.5	1.15	1.25	1.0
2700	1600	Sand, dry	1.5	1.15	1.12	0.9
2800	1660	Shale	1.5	1.15	1.12	0.9
3100	1840	Clay, dry	1.38	1.06	1	0.8
3200	1900	Sand, moist	1.38	1.06	1	0.8
3250	1930	Sand and gravel, dry	1.38	1.06	1	0.8
3400	2020	Earth, wet excavated	1.25 to 1.38	1.0 to 1.06	0.88	0.7
3500	2080	Sand, wet	1.25	1.0	0.88	0.7
3500	2080	Clay, wet	1.12 to 1.25	0.86 to 1.0	0.88	0.7
4400	2610	Limestone, broken	—	—	0.75	0.6
4600	2730	Rock, granite, blasted and broken	—	—	0.75	0.6

\*Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Larger buckets may be possible for light attachments, flat and level operations, light materials, and volume loading applications such as mass excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications. Bucket capacity indicated is SAE heaped.

### ADDITIONAL STANDARD EQUIPMENT

<p><b>Engine:</b>                      Antifreeze                      Automatic belt tension device                      Battery disconnect                      Dual dry-type air filter                      Electric fuel shutoff                      Fan guard                      Full-flow oil filter                      Heavy-duty fuel filter                      Isolation-mounted engine                      Heavy-duty low maintenance batteries                      Radiator trash screen                      Self-adjusting fan belt                      Underhood muffler w/vertical exhaust                      Water separator for fuel</p> <p><b>Cab:</b>                      Adjustable control positions (lever, to seat, to pedals)                      Auto-idle system</p>	<p>Mode selection:                      Power modes – four                      Work modes – four                      Travel modes – three with automatic shift                      Cigarette lighter                      Hand propel levers                      Heater, 20,000 Btu/hr (5.9 kW) with recirculation fan                      Horn                      Hourmeter                      Instrument lights                      Interior light                      Monitor system with alarm features –                      Auto-idle indicator                      Engine air cleaner restriction indicator light                      Engine alternator charge indicator light                      Engine coolant temperature warning light w/audible alarm</p>	<p>Engine oil pressure warning light w/audible alarm                      Hydraulic oil temperature indicator                      Low fuel indicator                      Swing brake indicator                      Work-lights-on indicator</p> <p>Gauges                      Engine coolant gauge                      Fuel gauge                      Instrument lights                      Fluid level checks, monitor system with sensors                      Engine oil                      Hydraulic reservoir oil coolant                      Radiator coolant</p> <p>Swing park brake release                      Power boost                      Suspension seat                      Seat belt                      Independent seat control position                      Tinted glass                      Windshield wiper – two modes</p>	<p><b>Frame:</b>                      Toolbox w/lockable cover                      Vandal protection – locking service doors                      Work lights                      Two mounted on frame                      One mounted on boom</p> <p><b>Front attachments:</b>                      Bucket to arm clearance adjusting mechanism                      Centralized lubrication system                      Dirt seals on all bucket pins                      Travel alarm w/cancel switch 9 ft. 6 in. (2.90 m) standard arm</p> <p><b>Undercarriage:</b>                      Center track guide                      Front track guide (idler)                      Propel motor shields                      Tow loops, front and rear                      Three-speed propel                      Upper carrier rollers</p>
---	---	---	--






### OPTIONAL OR SPECIAL EQUIPMENT






<p><b>Cab:</b>                      Air conditioner w/integral heater                      Alternate pilot control pattern                      Window protection covers</p> <p><b>Engine:</b>                      Engine coolant heater                      Electric cold weather ether starting aid</p>	<p>Heavy-duty battery system with 360 minute reserve capacity recommended for cold weather starting below – 15°F (– 26°C)</p> <p><b>Front attachments:</b>                      7 ft. 3 in. (2.20 m) arm                      Heavy-duty buckets                      Bucket side cutters and teeth                      Ripper tooth                      No-boom-arm option</p>	<p>No-bucket option                      Long front boom and arm with 51 ft. (15.55 m) reach</p> <p><b>Hydraulic system:</b>                      Auxiliary hydraulic control valve w/flow adjustment                      Auxiliary pilot and electric controls                      Auxiliary boom and arm hydraulic lines</p>	<p><b>Undercarriage:</b>                      Additional track guides                      26 inch (650 mm) triple semigrouser shoes                      30 inch (750 mm) triple semigrouser shoes                      32 inch (800 mm) triple semigrouser shoes                      26 inch (650 mm) single bar grouser shoes</p>
---	---	--	---

# LIFT CAPACITIES

Ratings at bucket lift hook, machine equipped with 52 in. (1300 mm) shoes, 1.06 cu. yd. (0.81 m<sup>3</sup>) 42 in. (1067 mm) wide bucket and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. **Boldface** type indicates hydraulic-limited capacities, lightface type indicates stability-limited capacities, in lb. (kg). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine.

 OVER FRONT  OVER SIDE

690E-LC with 7 ft. 5 in. (2.20 m) arm, 8200 lb. (3720 kg) counterweight	Load Point Height	 10 ft. (3.05 m)	 15 ft. (4.57 m)	 20 ft. (6.10 m)	 25 ft. (7.62 m)	 30 ft. (9.14 m)
	25 ft. (7.62 m)					
20 ft. (6.10 m)				<b>6250 (2830)</b>	<b>6250 (2830)</b>	<b>5250 (2380)</b>
15 ft. (4.57 m)			<b>11280 (5120)</b>	<b>11280 (5120)</b>	<b>9690 (4400)</b>	<b>8850 (3110)</b>
10 ft. (3.05 m)			<b>15440 (7000)</b>	<b>15440 (7000)</b>	<b>11690 (5300)</b>	<b>6610 (3000)</b>
5 ft. (1.52 m)			<b>18560 (8420)</b>	<b>18560 (8420)</b>	<b>13700 (6220)</b>	<b>7930 (3600)</b>
Ground Line		<b>7680 (3480)</b>	<b>7680 (3480)</b>	<b>20740 (9410)</b>	<b>14900 (6760)</b>	<b>11600 (5260)</b>
- 5 ft. (1.52 m)		<b>13450 (6100)</b>	<b>13450 (6100)</b>	<b>14800 (6710)</b>	<b>15000 (6800)</b>	<b>11590 (5260)</b>
- 10 ft. (3.05 m)		<b>12870 (5840)</b>	<b>12870 (5840)</b>	<b>17950 (8140)</b>	<b>13760 (6240)</b>	
- 15 ft. (4.57 m)		<b>20900 (9480)</b>	<b>20900 (9480)</b>	<b>13560 (6150)</b>		

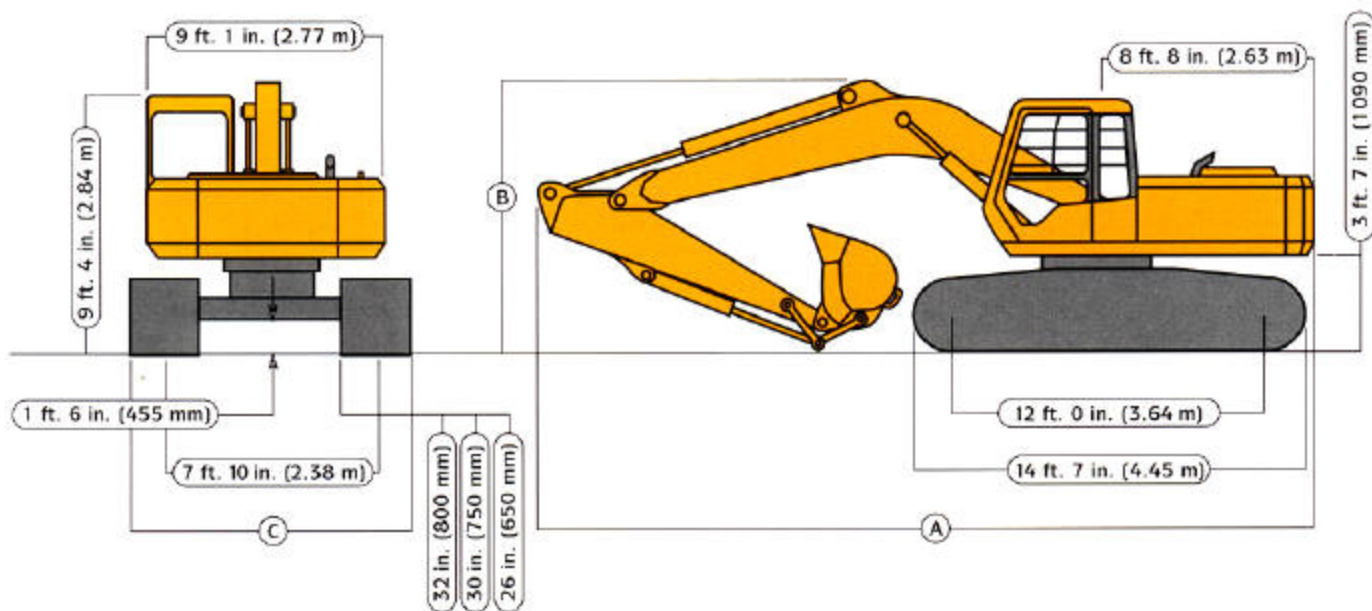
690E-LC with 9 ft. 6 in. (2.90 m) arm, 8200 lb. (3720 kg) counterweight	Load Point Height	 10 ft. (3.05 m)	 15 ft. (4.57 m)	 20 ft. (6.10 m)	 25 ft. (7.62 m)	 30 ft. (9.14 m)
	25 ft. (7.62 m)					<b>4340 (1970)</b>
20 ft. (6.10 m)					<b>4640 (2110)</b>	<b>4640 (2110)</b>
15 ft. (4.57 m)				<b>8230 (3730)</b>	<b>8230 (3730)</b>	<b>4960 (2250)</b>
10 ft. (3.05 m)		<b>18800 (8530)</b>	<b>18800 (8530)</b>	<b>13710 (6240)</b>	<b>13710 (6240)</b>	<b>10350 (4690)</b>
5 ft. (1.52 m)		<b>10940 (4960)</b>	<b>10940 (4960)</b>	<b>18520 (8400)</b>	<b>18520 (8400)</b>	<b>14300 (6490)</b>
Ground Line		<b>7290 (3310)</b>	<b>7290 (3310)</b>	<b>17150 (7780)</b>	<b>15680 (7200)</b>	<b>11080 (5030)</b>
- 5 ft. (1.52 m)		<b>11860 (5380)</b>	<b>11860 (5380)</b>	<b>17470 (7930)</b>	<b>15600 (7170)</b>	<b>11490 (5210)</b>
- 10 ft. (3.05 m)		<b>13110 (5950)</b>	<b>13110 (5950)</b>	<b>18440 (8460)</b>	<b>15740 (7230)</b>	<b>10830 (4910)</b>
- 15 ft. (4.57 m)		<b>17640 (8000)</b>	<b>17640 (8000)</b>	<b>16050 (7280)</b>	<b>16050 (7280)</b>	<b>11870 (5380)</b>

# BUCKETS

A full line of buckets are offered to meet a wide variety of applications. All capacities are SAE heaped\* ratings. The buckets have an adjustable bushing feature for side clearance, with the exception of the ditching bucket. Tooth selection includes either the standard parabolic tooth or the ESCO Vertalok tooth. Replaceable cutting edges are available through John Deere parts. Optional side cutters add 6 inches (150 mm) to bucket widths.

Type Bucket	Bucket Width		Bucket Tip Radius		Bucket Capacity*		Bucket Digging Forces		Arm Digging Force 7 ft. 3 in. (2.20 m)		Arm Digging Force 9 ft. 6 in. (2.90 m)		Weight		No. Teeth
	in.	mm	in.	mm	yd <sup>3</sup>	m <sup>3</sup>	lb.	kN	lb.	kN	lb.	kN	lb.	kg	
General Purpose Plate Lip	36	900	56.1	1425	0.90	0.69	28180	125	28585	127	22255	99	1275	578	5
	42	1067	56.1	1425	1.06	0.81	28180	125	28585	127	22255	99	1412	640	6
General Purpose Plate Lip, High Capacity	30	750	57	1448	0.95	0.73	27735	123	28405	126	22140	98	1391	631	4
	36	900	57	1448	1.16	0.89	27735	123	28405	126	22140	98	1451	658	5
	42	1067	57	1448	1.38	1.06	27735	123	28405	126	22140	98	1596	724	5
	48	1220	57	1448	1.60	1.22	27735	123	28405	126	22140	98	1785	810	6
Heavy Duty Plate Lip	24	600	56.1	1425	0.59	0.46	28180	125	28585	127	22255	99	1358	616	4
	30	750	56.1	1425	0.77	0.59	28180	125	28585	127	22255	99	1447	656	4
	36	900	56.1	1425	0.95	0.73	28180	125	28585	127	22255	99	1567	711	5
	42	1067	56.1	1425	1.12	0.86	28180	125	28585	127	22255	99	1676	760	5
	48	1220	56.1	1425	1.30	0.99	28180	125	28585	127	22255	99	1759	798	6
Heavy Duty Plate Lip, High Capacity	24	600	57	1448	0.73	0.57	27735	123	28405	126	22140	98	1401	635	4
	30	750	57	1448	0.95	0.73	27735	123	28405	126	22140	98	1528	695	4
	36	900	57	1448	1.16	0.89	27735	123	28405	126	22140	98	1629	739	5
	42	1067	57	1448	1.38	1.06	27735	123	28405	126	22140	98	1701	772	5
Heavy Duty Cast Lip	24	600	56.6	1438	0.59	0.46	27930	124	28485	127	22190	99	1439	652	4
	30	750	56.6	1438	0.77	0.59	27930	124	28485	127	22190	99	1551	704	4
	36	900	56.6	1438	0.95	0.73	27930	124	28485	127	22190	99	1629	739	5
Severe Duty Plate Lip	30	750	55.5	1410	0.77	0.59	28485	127	28705	128	22335	99	1760	798	4
	36	900	55.5	1410	0.95	0.73	28485	127	28705	128	22335	99	1859	845	4
Ditching	72	1824	38	965	1.06	0.81	41600	185	52724	146	24905	111	1244	564	0

# DIMENSIONS



A With 7 ft. 3 in. (2.20 m) arm, 31 ft. 1 in. (9.48 m)  
With 9 ft. 6 in. (2.90 m) arm, 30 ft. 10 in. (9.41 m)

B With 7 ft. 3 in. (2.20 m) arm, 9 ft. 6 in. (2.90 m)  
With 9 ft. 6 in. (2.90 m) arm, 9 ft. 6 in. (2.90 m)

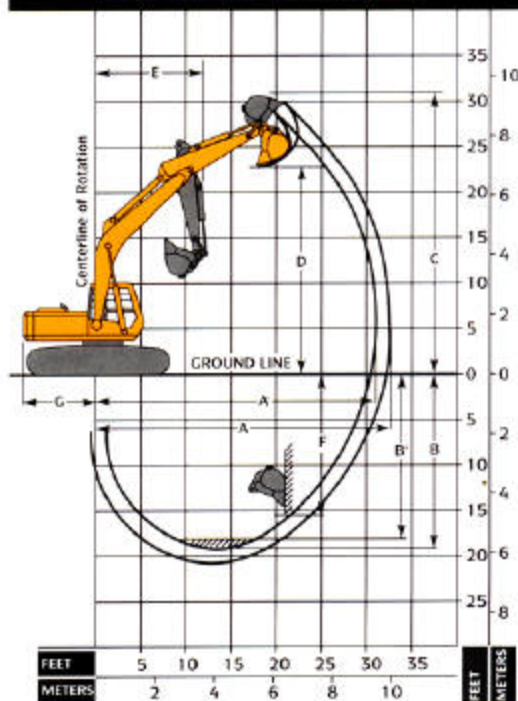
C With: 26 in. (650 mm) narrow shoes: 9 ft. 11 in. (3.03 m)  
30 in. (750 mm) wide shoes: 10 ft. 3 in. (3.13 m)  
32 in. (800 mm) wide shoes: 10 ft. 5 in. (3.18 m)

# OPERATING INFORMATION

Arm length	7 ft. 3 in. (2.20 m)	9 ft. 6 in. (2.90 m)
Arm force with 42 in. (1067 mm) general purpose bucket*	28,585 lb. (127 kN)	22,255 lb. (99 kN)
Bucket tangential force with 42 in. (1067 mm) general purpose bucket*	28,180 lb. (125 kN)	28,180 lb. (125 kN)
Lifting capacity over front @ ground level 20 ft. (6.1 m) reach	14,900 lb. (6760 kg)	14,300 lb. (6490 kg)
A Max. reach	30 ft. 3 in. (9.22 m)	32 ft. 5 in. (9.88 m)
A' Max. reach @ ground level	29 ft. 8 in. (9.04 m)	31 ft. 10 in. (9.70 m)
B Max. digging depth	19 ft. 4 in. (5.90 m)	21 ft. 8 in. (6.60 m)
B' Max. digging depth @ 8 ft. (2.44 m) flat bottom	18 ft. 7 in. (5.66 m)	21 ft. 0 in. (6.40 m)
C Max. cutting height	30 ft. 1 in. (9.17 m)	31 ft. 6 in. (9.60 m)
D Max. dumping height	21 ft. 3 in. (6.48 m)	22 ft. 6 in. (6.86 m)
E Min. swing radius	11 ft. 7 in. (3.53 m)	11 ft. 7 in. (3.53 m)
F Max. vertical wall	15 ft. 10 in. (4.83 m)	17 ft. 1 in. (5.21 m)
G Tail swing radius	9 ft. 0 in. (2.74 m)	9 ft. 0 in. (2.74 m)

\*Maximum digging force with power boost

## DIGGING DEPTH AND REACH



## ENGINE

It's John Deere engineered and manufactured. Replaceable wet type cylinder liners are spun cast and machined for uniform wall thickness to assure even heat dissipation. Piston spray cooling contributes to long component life. A dynamically balanced crankshaft assures smooth operation. Turbocharged for maximum performance.

**Engine:** John Deere 6068T

Rated power at 2000 rpm	130 SAE net hp (97 kW)
	140 SAE gross hp (105 kW)
Cylinders	6
Displacement	414 cu. in. (6.785 L)
Maximum net torque at 1300 rpm	424 lb-ft (575 Nm)
Fuel consumption, typical	3 to 5 gal/hr (11 to 19 L/h)
Cooling fan	suction type
Electrical system	24-volt w/42-amp alternator
Batteries (two 12 volt)	reserve capacity: 160 min.

## HYDRAULIC SYSTEM

Sophisticated, yet simple; state-of-the-art, yet easy to operate. You get the best of both worlds with the 690E's hydraulic system. This closed center system uses two axial piston pumps. A microprocessor ties the system with the engine to allow the operator to tailor hydraulic performance to particular job situations. A soft touch keypad control to the operator's right allows the desired performance to be tuned in with the touch of a button or two. This load sensing, variable flow system delivers smooth response even when the operator uses more than one function at the same time. The operator is in complete control at all times and can override any of the preset hydraulic modes or engine settings with the simple touch of a button.

Main pumps	2 variable-displacement axial piston
Minimum flow	2 x 2.6 gpm (2 x 10 L/min)
Maximum rated flow	2 x 50 gpm (2 x 189 L/min)
Pilot pump	one gear
Maximum rated flow	9.5 gpm (36 L/min)
Pressure setting	400 psi (2758 kPa)
System operating pressure	
Implement circuits	5000 psi (34 500 kPa)
Travel circuits	5000 psi (34 500 kPa)
Swing circuits	4060 psi (28 000 kPa)
Power boost	5500 psi (37 900 kPa)
Oil filtration	
One 4-micron full flow return filter with bypass	
One 40-micron pilot oil filter	
Oil cooler	
Brazed aluminum, mounted beside engine coolant radiator	

Cylinders	Bore	Rod Diameter	Stroke
Boom (2)	4.72 in. (120 mm)	3.35 in. (85 mm)	48.1 in. (1221 mm)
Arm (1)	5.12 in. (130 mm)	3.74 in. (95 mm)	58.1 in. (1475 mm)
Bucket (1)	4.33 in. (110 mm)	2.95 in. (75 mm)	41.75 in. (1060 mm)

## SWING MECHANISM

Multiple planetary gearing is driven by an axial-piston, high-torque hydraulic motor. Ring and pinion gears are induction hardened for long life. The multiple, wet-disk swing brake is spring applied, hydraulically released. The single row ball bearing swing bearing is sealed top and bottom.

Swing speed ..... 0-10 rpm; adjustable to 13 rpm

## UNDERCARRIAGE

Heavy-duty rollers combined with 7.5 in. (190 mm) pitch chain are designed to stand up to the side-to-side stress of excavator work. A standard center track guide is provided. Two extra track guides can be added as an option. The box-sectioned X-shaped center frame joins the track frame to the swing bearing mount. Track frames are welded to eliminate the need for periodic tightening. Each is topped by a reinforced V-channel to help prevent mud buildup.

Carrier rollers (per side)	2
Track rollers (per side)	9
Idlers (per side)	1
Shoes, triple semigrouser (per side)	49
Track guides	front and center
Track adjustment	hydraulic
Travel speed	Low Medium High
	mph 1.3 1.8 3.5
	km/h (2.1) (2.9) (5.6)
Drawbar pull	40,300 lb. (179.3 kN)
Gradability	100% (45 deg.)

### Ground Pressure Data

Shoe Width/Grouser	Average Ground Pressure	Recommended Application
26 in./triple (650 mm)	5.59 psi (38.5 kPa)	Rocky terrain and stumps
30 in./triple (750 mm)	4.92 psi (33.9 kPa)	General/soft terrain
32 in./triple (800 mm)	4.64 psi (31.9 kPa)	Extremely soft terrain
26 in./single (650 mm)	5.64 psi (38.8 kPa)	Slick underfoot

## CAPACITIES

Fuel tank	85 gal. (322 L)
Cooling system	44.3 qt. (42 L)
Engine lubrication, including filter	20 qt. (19 L)
Hydraulic system	84 gal. (318 L)
Planetary propel drive (each)	3.5 qt. (3.3 L)

## OPERATING WEIGHTS

Weights:	lb.	kg
Operating weight with full fuel tank, 175-lb. (79 kg) operator, 42-in. (1070 mm) bucket, 9 ft. 6 in. (2.90 m) arm, 8200-lb. (3720 kg) counterweight:		
<b>690E-LC</b> , 14 ft. 7 in. (4.45 m) undercarriage length with 7 ft. 10 in. (2.38 m) wide gauge		
26 in. (650 mm) triple grouser shoes	44,230	20 063
30 in. (750 mm) triple grouser shoes	44,823	20 332
32 in. (800 mm) triple grouser shoes	45,120	20 467
26 in. (650 mm) single grouser shoes	44,610	20 239
<b>Component Weights:</b>		
Upperstructure (less front attachments, undercarriage and 8200-lb. [3720 kg] counterweight)	10,727	4866
One-piece boom (with arm cylinder)	3,510	1592
Arm, 9 ft. 6 in. (2.90 m) with bucket cylinder and linkage	2,100	952
Arm, 7 ft. 3 in. (2.20 m) with bucket cylinder and linkage	1,940	880
Boom lift cylinders (2) total weight	800	360
Counterweight	8,200	3720
Undercarriage		
Shoe Width	26 in. (650 mm) triple	16,688
	30 in. (750 mm) triple	17,283
	32 in. (800 mm) triple	17,578
	26 in. (650 mm) single	17,068
		7570
		7840
		7973
		7742



## JOHN DEERE BUCKETS

Choose from 21 John Deere general purpose, heavy-duty, severe-duty and ditching buckets. All are made in the U.S. to stand up to the tough digging applications of North American contractors. They feature heavy-duty reinforced top beams to assure accurate ear alignment and corner reinforcing for maximum rigidity. T-1 steel side-cutters, a two-piece moldboard and heavy-duty wear strips assure maximum strength and increased life.



## SERVICING

Large reinforced doors provide unhampered access to all components for quick, easy servicing. Platforms with conveniently placed handrails and skid-resistant footing surfaces provide easy access to compartments that can't be reached from the ground. Cab and service access areas are conveniently locked with the ignition key. Vandal covers for windows are available and store in a lockable compartment when not in use.



## OPERATOR'S STATION

It's isolation mounted to reduce fatiguing noise and vibration. It's roomy. Visibility and ventilation are excellent. The cloth-covered suspension seat is fully adjustable. Hydraulic controls adjust with the seat and independently. An electronic monitoring system provides visible and audible warnings. A large 20,000 Btu/hr (5.9 kW) heater is standard. Air conditioner and an AM/FM radio are also available.



## UNDERCARRIAGE

The undercarriage carbody has a massive, self-cleaning, welded "X" design with reinforced triangular-shaped track frames that shed dirt and debris. Axial-piston propel motors are tucked inside the track and enclosed by guards. Heavy-duty 7.5-in. (190 mm) pitch track components with large bushings, increased link height and improved heat treatment mean longer wear. The track chain has Belleville seals. Rollers and idlers are sealed and permanently lubricated.

JDAdvantEdge is a wealth of support programs, parts systems and dealer resources, all designed to give you the edge. This package of special benefits is a major reason why John Deere offers the "best value" for your equipment dollar.

**Best parts support**—Twelve regional parts depots in North America and others around the world put parts support near your job no matter where in the world it is.

A computerized FLASH™ parts locating system linking these depots to dealerships can find out-of-stock parts in a hurry and get them into your hands fast. Usually within 24 hours.

**Best service backup**—Dealer service technicians are regularly schooled, at our modern facility in Davenport, Iowa, or by professionals in the field, to diagnose quickly and repair efficiently.

If they are stumped, a phone call to DTAC (Dealer Technical Assistance Center) puts them in touch with a staff of pros at the factory who help them find a solution quickly.

**Best dealers**—Your John Deere dealer is an important contributor to the JDAdvantEdge. He or she is committed to being the best equipment supplier you can work with.

This is a dollars-and-cents commitment in parts inventory, in service facilities, in field service trucks. It's a sweat and blood commitment in dedicated, skilled and highly trained and motivated personnel in each and every department at the dealership.

But what sets John Deere dealers apart from all the rest is something more, a factor somewhat difficult to measure . . . a caring attitude, and a sincere desire to be the best at meeting the needs of each individual customer.

**John Deere Finance Plans**—Whether you rent, lease or buy John Deere equipment, your dealer can explain the John Deere options available. One-stop options that let you free up operating capital, keep other lines of credit open. More solid benefits of the JDAdvantEdge.

**Best protection**—In addition to the new equipment warranty that meets or exceeds the competition, SECURE® extended coverage, an optional service product for John Deere equipment, is available for repair coverage after the warranty concludes. Full machine or power train coverage is available for a variety of time periods to meet your needs. Consult your dealer for availability and details.

D. B. MILLER CO. INC.  
Hwy 92 East  
P.O. Box 460  
Gering, Nebr. 693

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 10,000 feet (3050 m) altitude. Gross power is without cooling fan.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with PCSA and SAE standards. Except where otherwise noted, these specifications are based on a unit with 42-in. (1070 mm) bucket, 30-in. (750 mm) track shoes, 8200 lb. (3720 kg) counterweight, full fuel tank, and 175 lb. (79 kg) operator.

