2012 COMPACT TRACK LOADER SPECS

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Since the last time Equipment Today ran a compact track loader spec guide in December 2010, new players have entered the market, and substantial advances have been made in the features and designs of these machines. Of particular note are the changes added to optimize performance without sacrificing fuel efficiency. Following is a look at some of the features built into today's models to ensure they can deliver the power you need without adding to your fuel costs. The manufacturers have also provided key specifications to give you some insight into overall loader performance characteristics. To obtain additional information on specific brands and models, simply turn to the reader service card following page 18 or visit the Buyers Guide at ForConstructionPros.com.



Terex Construction

Terex introduces the first in its line of Tier 4 Interim-compliant compact construction equipment with the PT-110 and PT-110 Forestry compact track loaders. Featuring electronic, four-cylinder, turbo-powered Perkins Tier 4i diesel engines, the new loaders boast 332 ft.-lbs. of peak torque at 1,400 rpm, 45 gpm of hydraulic flow and a two-speed transmission that allows travel speeds up to 10 mph, helping these production loaders achieve peak performance. Indicate 94 on inquiry card

Terex Construction									
Model	Engine HP (net)	Operating Weight (lbs.)	Rated Capacity at 35% tip load (lbs.)	Bucket Breakout (Ibs.)	Height to Hinge Pin (in.)	Max. Ground Pressure (psi)			
PT-30	32.7	3,305	665	1,850	77	3			
PT-50	50	6,200	1,330	3,300	91	3.5			
PT-60	60	6,350	1,330	3,300	91	3.6			
PT-70	71	7,890	1,925	4,200	99	3.7			
PT-80	80.5	8,872	2,170	4,200	99	3.5			
PT-100G	99.9	11,295	2,800	5,500	125	4.5			
PT-100G Forestr	y 99.9	11,975	2,800	5,500	125	4.5			
PT-110	110	11,100	2,660	5,750	125	4.3			
PT-110 Forestry	111	12,100	3,010	5,750	125	4.25			



Takeuchi

Takeuchi's TL10 and TL12 track loaders feature an Eco Mode that can provide up to 15% fuel savings while still offering maximum torque and optimal power characteristics. Eco Mode conserves fuel by limiting the engine speed to 2,400 rpm. When engine load is less than 30%, the speed will automatically decrease to 2,040 rpm after eight seconds. Conversely, when power demand exceeds 30%, the engine speed will return to the throttle position setting.

Indicate 93 on inquiry card

Takeuchi

Model	Engine HP (net)	Operating Weight (lbs.)	Rated Capacity at 35% tip load (lbs.)	Bucket Breakout (Ibs.)	Height to Hinge Pin (in.)	Max. Ground Pressure (psi)
TL 230 Series 2	68.4	8,609	1,885	6,728	119	5.6
TL240	83	10,365	2,083	7,403	123	4.4
TL250	92	11,905	3,748	8,692	126	4.8
TL10	92	10,516	2,403	7,400	122.9	4.5
TL12	110	11,850	2,833	8,670	126.1	4.7

Caterpillar Inc.

Cat compact track loaders and multi terrain loaders offer standard hand/foot throttle and load-sensing hystat pumps coupled with an Electronic Torque Management/Anti-Stall system. The Anti-Stall system manages the output of the pumps to better optimize



engine, drawbar and hydraulic performance. It also provides the ability to effectively operate the machine at lower rpm, providing reduced fuel consumption, while preventing the engine from stalling under a heavy load. Indicate 92 on inquiry card

Caterpillar Ind

Model	Engine HP (net)	Operating Weight (Ibs.)	Rated Capacity at 35% tip load (lbs.)	Bucket Breakout (lbs.)	Height to Hinge Pin (in.)	Max. Ground Pressure (psi)		
247B3	56	6,997	1,505	4,060	112	4		
257B3	71	8,060	1,870	4,508	121	4.5		
259B3	71	8,934	2,065	4,508	120	6		
277C2	73	9,495	2,337	7,308	122.9	3.7		
279C2	73	9,865	2,135	7,308	123.2	4.3		
287C2	73	9,958	2,709	7,308	127.3	3.9		
289C2	73	10,332	2,555	7,308	127.5	4.5		
299D	95	10,898	2,975	7,381	126.6	4.4		
299D XHP	106	11,647	3,185	7,381	126.6	5.3		



Gehl Company

Gehl compact track loaders use highefficiency, high-torque Yanmar diesel engines. Current engines provide similar power output to earlier models, while reducing fuel consumption and particulate emissions. With electric over hydraulic control systems and features such as a standard foot



throttle on applicable control patterns, operators can manage power more effectively to keep productivity high and fuel consumption low.

Indicate 91 on inquiry card

Gehl Company

	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
RT175	68.4	8,605	1,750	5,189	127.5	6.2
RT210	70.1	9,890	2,100	5,492	128	4.7

Case Construction Equipment

Case recently upgraded its TR320 and TV380 Alpha Series compact track loaders, which now feature 3.4-liter Case diesel engines with a full high-pressure common rail



design. A patented piston design promotes thorough combustion, optimizes power and increases fuel efficiency. A <u>12%</u> higher peak torque rise compared to the previous 3.2-liter engine translates into more power at 1,400 rpm, while supporting faster recovery and improved reaction when the engine begins to lug. Indicate 90 on inquiry card

Case Construction Equipment

	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
TR270	70	8,200	1,890	7,145	123	5.7
TR320	84	9,600	2,240	8,700	126.5	4.3
TV380	84	10,200	2,660	7,510	131.6	4.5

ICB

JCB CTLs feature carefully matched fuel and turbocharging systems for productive, efficient performance throughout the engine speed and load range. Four valves per cylinder provide improved gas flow, enabling greater load acceptance and transient performance capability. An advanced



combustion system produces low in-cylinder emissions. Combined with an efficient hydraulic system and the Dieselmax engine, these factors enable optimal fuel economy. Indicate 89 on inquiry card

JCB						
	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
150T	59.9	8,051	1,500	4,012	119	6.75
190T	59.9	8,195	1,900	4,718	119	6.2
205T	59.9	8,574	2,050	4,718	119	6.5
225T	74	10,152	2,250	5,699	125	4.36
260T	74	10,692	2,600	7,187	125	4.6
300T	92	11,199	3,000	7,187	125	4.8
320T	92	11,508	3,200	7,187	125	4.9



fuel consumption, both the IHI CL35 and CL45 feature the Eco Mode button. With a push of the Eco Mode button, the operator can adjust engine speed to a preset idle from any current engine revolution. With a 65% load factor, only 2.4 gal. of fuel are used per hour. Reduced fuel consumption and a large-capacity, 24-gal. fuel tank mean longer hours of operation and less downtime for refueling. Indicate 88 on inquiry card

IHI Compact Excavator Sales LLC

	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
CL35	67	7,826	1,720	6,474	118	5.6
CL45	83	10,100	2,535	8,010	122	4.6

Bobcat Company

The auto-idle function is available on 700 frame size loaders equipped with the Selectable Joystick Control option, and on all 800 frame size M-Series models. It automatically activates, causing the engine rpm to drop to idle if a loader's functions



are not used within five seconds. The reduced engine speed allows for guieter overall operation and reduced fuel consumption without sacrificing power response. Indicate 87 on inquiry card

Bobcat Company

	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
T550	66	7,662	1,995	4,395	114.5	5.8
T590	66	7,870	2,100	4,753	119	5.6
T630	74.3	9,015	2,230	6,200	121	5.5
T650	74.3	9,440	2,570	6,400	124	5.8
T750	85	10,327	3,325	5,659	132	4.2
T770	85	10,327	3,325	5,659	132	4.2
T870	97.7	12,678	3,100	7,025	144	4.7

John Deere

All CTLs come equipped with a John Deere PowerTech diesel engine that features fuel-saving electronic injection. An elec-tronic rotary throttle lets operators dial-in the engine speed required for maximum fuel economy. The hydraulic-driven variable-speed fan runs only as fast or as frequently as needed for improved power and fuel efficiency. Standard auto idle reduces engine speed after the operator has vacated the seat to lp conserve fuel and prolone engine life.

Indicate 86 on inquiry card

John Deere



	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
CT315*	45	6,900	1,500	2,178	110	4.8
319D	62	8,550	1,900	5,125	118	5.4
323D	69	8,550	2,295	5,600	118	5.4
329D	80	10,830	2,900	10,325	126	5.0
333D	89	11,100	3,300	13,875	126	5.0
* Badial lift						



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Volvo Construction Equipment

Optimal lifting characteristics make Volvo compact track loaders well suited for truck loading and a range of material-handling applications. Good dump height and reach and powerful lift capacity enable efficiency in repeated load and carry operations. The engines deliver proven power and dependability. Greater fuel tank capacity allows less downtime for refueling, delivering longer operating shifts for more productivity. Indicate 85 on inquiry card

Volvo Construction Equipment

	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)
MCT85C	59	8,195	1,900	4,718	119	-
MCT125C	74	10,205	2,600	7,187	125	-
MCT135C	92	10,663	3,000	7,187	125	-

New Holland Construction

New Holland Construction's 200 Series compact track loaders feature "bestin-class" forward dump height and reach, boosting operator profitability and productivity. Coupled with improved fuel efficiency and new 20- to 25.5-gal. fuel tanks, the loaders can run as long as 10 hours before refueling. Indicate 82 on inquiry card

New Holland Construction

Model	Engine HP (net)	Operating Weight (lbs.)	Rated Capacity at 35% tip load (lbs.)	Bucket Breakout (Ibs.)	Height to Hinge Pin (in.)	Max. Ground Pressure (psi)
C227	70	8,200	1,890	7,145	123	5.7
C232	76	9,630	2,240	8,585	131.1	4.3
C238	84	10,100	2,260	8,585	131.1	4.5

<u>Mustang</u>

In addition to high-output, fuelsipping advanced Yanmar diesel engines, Mustang compact track loaders incorporate standard features such as a foot throttle (on applicable control patterns) to help operators better manage fuel consumption. The transmission design incorporates an electric over hydraulic control system with advanced functionality, helping operators to lower fuel consumption while maintaining high levels of production.

Indicate 84 on inquiry card

CARGE SUBLEMP /

Mustang									
	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground			
Model	(net)	Weight (lbs.)	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)			
1750RT	68.4	8,605	1,750	5,189	127.5	6.2			
2100RT	70.1	9,890	2,100	5,492	128	4.7			

Kubota Tractor Corporation



	Engine HP	Operating	Rated Capacity at	Bucket	Height to	Max. Ground
Model	(net)	Weight (lbs.)*	35% tip load (lbs.)	Breakout (lbs.)	Hinge Pin (in.)	Pressure (psi)*
SVL75	74.3	9,039/9,315	2,300	6,240	119.1	5.6/5.8
SVL90-2	92	11,023/11,299	3,010	7,961	128.6	4.2/4.3
*Open_cab/Clc	used cab					