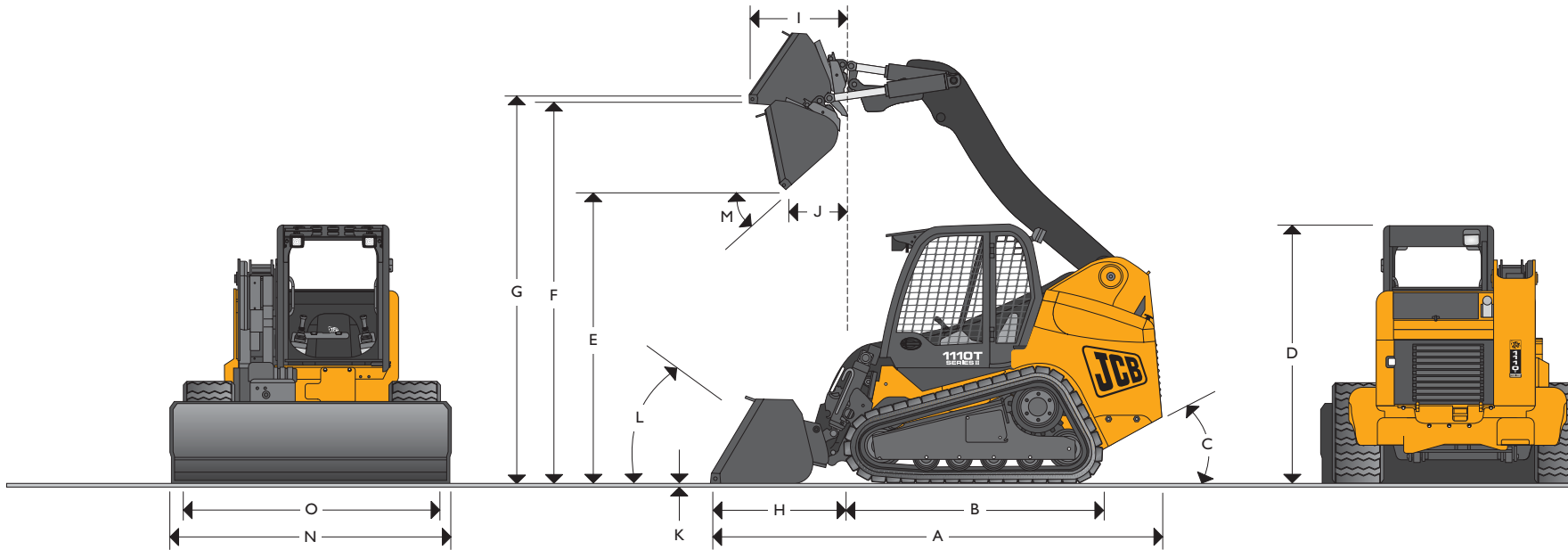




JCB TRACKED LOADER | 190T/1110T SERIES II



OPERATING WEIGHT:	190T: 10250lb (4650kg)	MAX POWER:	190T: 84hp (63kw)
	1110T: 10935lb (4960kg)		1110T: 92hp (69kw)
OPERATING CAPACITY:	190T: 2094lb (950kg)		
	1110T: 2535lb (1150kg)		



STATIC DIMENSIONS

Machine Model	190T ft-in (m)	1110T ft-in (m)
A Overall length	11-6 (3.50)	11-6 (3.50)
B Track base	4-11 (1.49)	4-11 (1.49)
C Angle of departure	28°	28°
D Overall height	6-8 (2.03)	6-8 (2.03)
E Dump height	8-0 (2.44)	8-0 (2.44)
F Loadover height	9-9 (2.97)	9-9 (2.97)
G Height to hinge pin, fully raised	10-3 (3.12)	10-3 (3.12)
H Reach at ground level (toe plate horizontal)	3-5 (1.03)	3-5 (1.03)
I Max reach at full height	3-2 (0.97)	3-2 (0.97)
J Reach at full height – fully dumped	2-2 (0.66)	2-2 (0.66)
K Dig depth (toe plate horizontal) clearance	⁻³ / ₈ (-9mm)	⁻³ / ₈ (-9mm)
L Rollback at ground	30°	30°
M Dump angle	40°	40°
N Bucket width – standard	6-2 (1.88)	6-2 (1.88)

Machine Model	190T ft-in (m)	1110T ft-in (m)
Bucket width – optional	6-5 (1.96)	6-8 (2.03)
O Width over tracks – standard	6-0 (1.83)	6-8 (2.03)
Width over tracks – optional	6.8 (2.03)	–
Load breakout – bucket	lbf (kN)	6063 (26.97)
Lift capacity at full height	lb (SAE kg)	2094 (950)
Maximum tipping load	lb (SAE kg)	5983 (2714)
Bucket capacity – standard	yd ³ (m ³)	0.65 (0.50)
Pallet fork rated capacity (35% safety factor @ 24° load center)	EN	1482lb (672kg)
Pallet fork lift height		10-0 (3.01)
Turning radius		
Bucket corner radius	7-3 (2.20)	7-3 (2.20)
Quick hitch radius	4-3 (1.30)	4-3 (1.30)
Rear chassis radius	5-5 (1.66)	5-5 (1.66)

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MACHINE RATING

Rated operating capacity (SAE):		lb (kg)
190T		2094 (950)
1110T		2535 (1150)
Tipping load:		
190		5983 (2714)
1110		7242 (3285)
Breakout force		
Lift cylinder	lbf (Kgf)	6063 (2750)
Tilt cylinder	lbf (Kgf)	5512 (2500)

ENGINE

		190T	1110T
Model		Dieselmax TC-63	Dieselmax TC-68
Displacement	in ³ (cm ³)	268 (4399)	268 (4399)
Fuel		Diesel	Diesel
Cooling		Liquid	Liquid
Aspiration		Turbo	Turbo
Bore	in (mm)	4.06 (103)	4.06 (103)
Stroke	in (mm)	5.2 (132)	5.2 (132)
Gross power @ 2200 rpm			
SAE J1995	hp (kW)	84 (63)	92 (69)
Gross torque @ 1200 rpm			
SAE J1995	lbf-ft (Nm)	267 (362)	301 (408)
Emission Certification		EPA T3, EU St3	EPA T3, EU St3
Engine Oil Service Intervals	hours	500	500

TRANSMISSION

The full servo controlled hydrostatic transmission giving zero to maximum speed, both forward and reverse at full power. Independent transmission systems for both the left and right side, controlled through servo controls for precise and easy operation.

Transmission power management system maintains full engine power availability maximizing loader and attachment control.

Creep Control option, standard on high flow for precise attachment control.

Travel speeds both forward and reverse: 6.2mph (10 kph)

CAPACITIES

190T and 1110T	US gal (liters)
Hydraulic system (inc. Tank)	10 (38)
Fuel tank	28.3 (107)
Engine coolant	3.96 (15)
Engine oil	2.18 (8.5)

CONTROLS

Three machine control format options.

- JCB full servo controls, which reduce lever efforts to a minimum
- Servo dual hand controls
- Servo hand/mechanical foot controls

All three patterns are well-known and accepted by skid steer buyers and operators. With all options the left hand control lever pivots rearwards, providing unparalleled machine access/egress.

WEIGHT

SAE operating weight.

Fully operational with quickhitch, standard shovel, full fuel tank, fully glazed cab + 165 lb operator

190T 10250 lb (4650 kg)

1110T 10935 lb (4960 kg)

TRACKS

		Ground Pressure
190T Standard Track	12.6 in (320mm) wide	6.49psi
190T Optional Track	12.6 in (320mm) wide	4.62psi
1110T Standard Track	17.7 in (450mm) wide	4.93psi



JCB TRACKED LOADER | I90T/II10T SERIES II



HYDRAULICS

In addition to the main hydrostatic drive pumps, there is a dedicated loader and attachments supply pump (auxiliary hydraulics circuit is optional on all base models and standard on high flow model.)

Pump flow: 21 gpm (80 lpm) @ 2200 rpm engine speed
Main relief pressure 3263 psi (225 bar)

- Low lever efforts give excellent and easy control of transmission loader and attachments.
- Auxiliary hydraulics are actuated via the right hand controller giving progressive control of oil flow for precise attachment control.
- Hydraulic supply pipes run neatly on top of the loader arm under a protective guard for long life.
- Full flow, spin-on type hydraulic oil filter.
- Engine oil throughout for ease of servicing.
- The optional hi-flow circuit provides 35.7 gpm (133 lpm) pump flow to the front of the machine for operation of high capacity attachments such as trenchers and patch planers.

LIGHTING AND ELECTRICS

12 volt, negative ground system

95 Ah low maintenance battery

65 amp alternator

Cab mounted instrument panel with ignition, fuel gauge and hour meter

Also incorporated into the instrument panel the warning light cluster, with a warning buzzer to draw operators attention to any malfunction, which includes:

- No charge pressure
- Blocked air filter
- Engine water temperature
- Engine oil pressure
- Hydraulic oil pressure
- Alternator

Cab mounted fuse and relay box designed to keep dirt and water out.

OPERATOR ENVIRONMENT

Full ROPS and Level I FOPS with optional level 2 guard for demolition, full audio and visual warning systems
Soundproofing gives noise levels complying with EC regulations. Safe access through side door – thanks to JCB's unique single arm design.

- Unequaled all-round visibility.
- Fully adjustable seat.
- Retractable seat belt fitted as standard.
- Drainage cover for easy cleaning of cab.

STANDARD EQUIPMENT

ROPS and FOPS integrated canopy. Full audible and visual warning systems. Isolation bar activated safety system. Loader arm safety strut. Centrifugal dry type engine air filter with safety element. Standard shovel. Mechanical quickhitch. Hand throttle. Worklights (EC only) Servo emergency lower valve. Fuel gauge. Oil immersed fail safe hydraulic park brake.

OPTIONAL EQUIPMENT

Fully glazed cab with heater / defroster. Road lights. Work lights (not EC). Reverse alarm. Beacon. Foot throttle (not with hand and foot control format). Fire extinguishers. Toolkit. Self levelling lift. Float. Level 2 FOPS guard. Heavy duty rear door guard. Front screen guard. Auxiliary hydraulics. Bolt on lift points. Battery isolator. Accessory socket. Backhoe mounting brackets. Catalytic converter. Spark arrestor. Tooth guard.



A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into one of the world's largest manufacturers of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders and tractors.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the world.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with an extensive dealer sales and service network in over 150 countries, we aim to deliver the best customer support in the industry.

Through setting the standards by which others are judged, JCB has become one of the world's most impressive success stories.



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