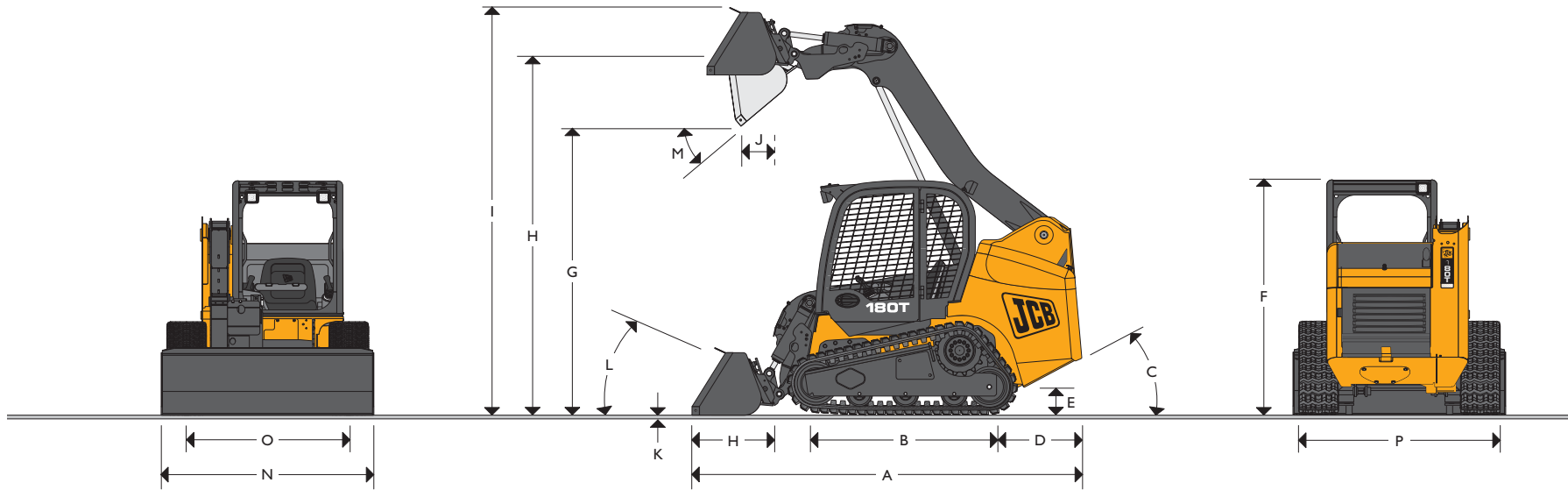




JCB TRACK LOADER | 180T SERIES II



OPERATING WEIGHT: 8113lb (3680kg)
 OPERATING CAPACITY: 1896lb (860kg)
 MAX POWER: 60 hp (44.7kW) Tier III



STATIC DIMENSIONS

	180T	
	ft-in (mm)	
A Overall length	10-1 1/2 (3345)	
B Crawler base	4-7 1/2 (1409)	
C Angle of departure	degrees	28
D Rear overhang	2-5 1/4 (754)	
E Ground clearance	0-9 (230)	
F Height	6-4 (1933)	
G Dump height	7-3 1/4 (2237)	
H Height to hinge pin, fully raised.	9-7 1/4 (2926)	
I Overall operating height, fully raised	12-6 (3818)	
J Reach, fully raised	1-9 (537)	
K Digging depth	0-0 (0)	
L Rollback at ground	degrees	30

	180T	
	ft-in (mm)	
M Dump angle	degrees	40°
N Bucket width	5-8 1/4 (1730)	
O Track gauge	4-5 1/4 (1356)	
P Width over tracks	5-6 (1676)	
Maximum tipping load	lb (SAE kg)	5416 (2457)
Bucket capacity – standard	cu. yd. (cu. m)	0.56 (0.45)
Pallet fork rated capacity (35% safety factor at 24in load center)	lb (kg)	1574lb (714kg)
Pallet fork lift height	9-3 1/2 (2830)	
Turning radius		
Bucket corner radius	6-9 (2061)	
Quick hitch radius	4-0 (1219)	
Rear chassis radius	5-2 (1570)	

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MACHINE RATING

Rated operating capacity (SAE):		lb (kg)
I80T (35%)		1896 (860)
I80T (50%)		2708 (1229)
Tipping load:		
I80T		5416 (2457)
Breakout force		
Lift cylinder	lbf (Kgf)	3318 (1505)
Tilt cylinder	lbf (Kgf)	4365 (1980)

ENGINE

		I80T
Model		404DT-22
Displacement	cid (L)	134 (2.2)
Fuel		Diesel
Cooling		Water
Aspiration		Turbo
Gross power @ 2800 rpm		
SAE J1995	hp (kW)	60 (44.7)
Gross torque @ 1800 rpm		
SAE J1995	lb/ft (Nm)	142 (192)
Engine Oil Service Interval	hours	500
Emission Certification	EPA Tier 3/ EC Stage III A	

TRANSMISSION

The full servo and optional manually controlled hydrostatic transmission gives zero to maximum speed, both in forward and reverse at full power.

Independent transmission systems for both the left and right side, are controlled through either servo or optional manual controls for precise and easy operation.

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

Travel speeds both forward and reverse:

I80T 6.8mph (11 kph)

CAPACITIES

	US gal (liters)
Hydraulic system (inc. Tank)	8.7 (33)
Fuel tank	17.6 (80)
Engine coolant	2.64 (10)
Engine oil	2.5 (9.6)

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 bucket, full fuel tank, fully glazed cab + 165lb (75kg) operator:

I80T 8113lb (3680 kg)

TRACKS

Rubber tracks 12.6in (320mm) wide

Ground contact area 10.96 ft² (1.02 m²)

Ground bearing pressure 5.14 psi (.35 bar)



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HYDRAULICS

In addition to the main hydrostatic drive pumps there is a dedicated loader and attachments supply pump (auxiliary hydraulics circuit is optional on the 180T and standard on high flow model).

Pump flow: 17.7 gpm (68 Lpm) @ 2800 rpm engine speed
Main relief pressure 3000 psi (205 bar)

- Low lever efforts provide easy control of transmission loader and attachments.
- Auxiliary hydraulics are actuated via the right hand controller giving proportional 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.
- 10w-30 Engine oil throughout for ease of servicing.
- The optional hi-flow circuit provides 32.5 gpm (124 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 is a 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. 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.
- 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. Restraint activated safety system. Loader arm safety strut. Centrifugal dry type engine air filter with safety element. ECU-4 Power Management Unit. Mechanical quickhitch. Hand throttle. 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 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. Speed controller. High Flow auxiliary hydraulics.



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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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Helping You Get
the Job Done!