



HIGH HORSEPOWER | 400T | 4TS-8T

Gross rated power: 109 hp (81 kW) Engine displacement: 4.4L



UNRIVALLED POWER

JCB's new high horsepower machines provide a powerful new solution for jobs that need a stronger solution. With a high reach capability of over fifteen feet and forward reach of over two metres, now you can lift higher, reach further and dig deeper than any skid steer on the market.



NOW YOU CAN

Operate high flow attachments such as mulchers and cold planers.



UNRIVALLED PRODUCTIVITY

The JCB 4TS-8T can do the work of four machines in one - a forklift, telehandler, compact wheel loader and skid steer loader, providing unbeatable productivity.



UNRIVALLED STRENGTH

The 109 horsepower 4.4L JCB EcoMAX engine provides industry leading power.



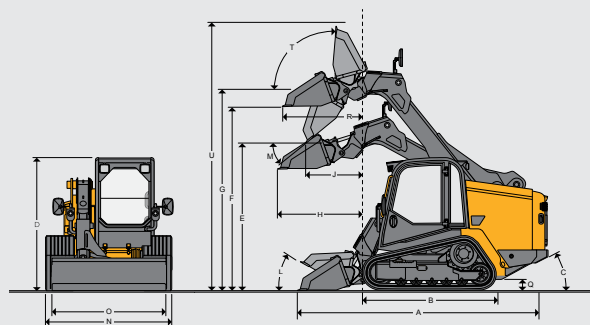
UNRIVALLED COMFORT AND CONTROL

With the largest cab on the market and electric over hydraulic controls, the JCB high horsepower machines offer unbeatable operator comfort and control.

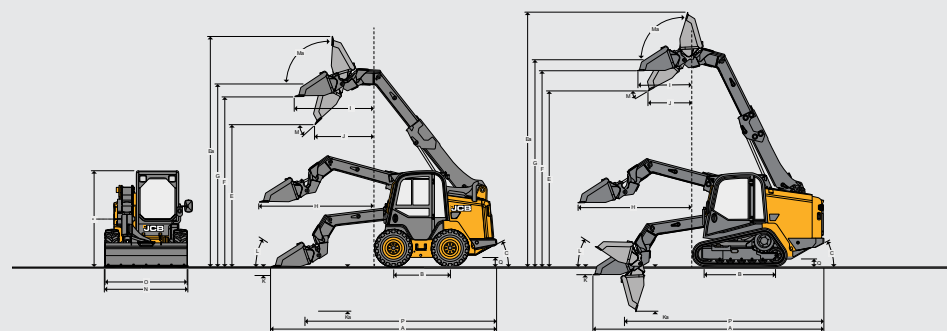
UNRIVALLED SAFETY

The side door access allows for safe entry and exit without having to climb over potentially dangerous attachments, as on competitor machines with front entry.

STATIC DIMENSIONS



Machine model		400T	
A	Overall length	ft-in (m)	400T 12-9 (3.9)
B	Wheelbase	ft-in (m)	6-10 (2.1)
C	Angle of departure	degrees	29
D	Overall height	ft-in (m)	6-10 (2.0)
E	Dump height	ft-in (m)	400T Dump height 7-7 (3.9)
Ea	Crowd height	ft-in (m)	15-3 (4.3)
F	Loadover height	ft-in (m)	9-6 (2.9)
G	Pin height	ft-in (m)	10-3 (3.1)
H	Reach @ ground level	ft-in (m)	3-3 (1)
I	Max. reach @ full height	ft-in (m)	2-10 (.88)
J	Reach @ full height - fully dumped	degrees	2-10 (.88)
K	Dig depth - toe plate horizontal clearance	in (mm)	-3/8 (-1)
L	Rollback @ ground	degrees	30
M	Dump angle	degrees	39
	Max. rollback angle	degrees	107
N	Width over tracks - Standard	ft-in (m)	6-3 (1.9)
O	Bucket width - standard	ft-in (m)	6-3 (1.9)
P	Length without attachment	ft-in (m)	10-8 (3.2)
Turning radius			
	Bucket corner radius	ft-in (m)	7-6 (2.3)
	Quick hitch radius	ft-in (m)	4-7 (1.4)
	Rear chassis radius	ft-in (m)	6-3 (1.9)
Q	Ground clearance	in (mm)	0-7 (180)



Machine model		4TS - 8T	
		Retracted	Extended
A	Overall length	ft-in (m)	13-2 (4.0)
B	Wheelbase	ft-in (m)	6-10 (2.1)
C	Angle of departure	degrees	29
D	Overall height	ft-in (m)	6-6 (2.0)
E	Dump height	ft-in (m)	9-6 (2.9)
Ea	Crowd height	ft-in (m)	15-3 (4.3)
F	Loadover height	ft-in (m)	9-6 (2.9)
G	Height to hinge pin fully raised	ft-in (m)	11-10 (3.6)
H	Reach	ft-in (m)	3-7 (1.1)
I	Max. reach @ full height	ft-in (m)	2-4 (0.7)
J	Reach @ full height - fully dumped	ft-in (m)	1-7 (0.5)
K	Dig depth - toe plate horizontal clearance	in (mm)	-3/8 (-1)
Ka	Dig depth - toe plate vertical clearance	in (mm)	32 (80)
L	Rollback @ ground	degrees	34
M	Dump angle	degrees	28
Ma	Max. rollback angle	degrees	107
N	Bucket width - standard	ft-in (m)	6-3 (1.9)
O	Width over tires - standard	ft-in (m)	6-3 (1.9)
P	Length without attachment	ft-in (m)	10-8 (3.2)
Q	Ground clearance	in (mm)	0-7 (180)
	Rated operating capacity 35%	lb (kg)	3,999 (1,814)
	Rated operating capacity 50%	lb (kg)	1,878 (852)
	Bucket capacity - standard	yd³ (m³)	5,712 (2590)

TURNING RADIUS			
Model		400T	4TS - 8T
Bucket corner radius	ft-in (m)	7-6 (2.3)	7-11 (2.4)
Quick hitch radius	ft-in (m)	4-7 (1.4)	4-7 (1.4)
Rear chassis radius	ft-in (m)	6-3 (1.9)	6-3 (1.9)

SAE OPERATING WEIGHT			
Model		400T	4TS - 8T
Cab*	lb (kg)	12,544 (5,689)	13,000 (5,897)

*Fully operational with quick hitch, standard shovel, full fuel tank, closed cab + 165 lb (75 kg) operator.
3TS-8W based on a machine equipped with 12x16,5 tires & 78" wide shovel
3TS-8T Solid Deal 450 mm wide tracks & 78" wide shovel
2TS-7T 320 mm wide tracks & 72" wide shovel

ENGINE			
Model		400T	4TS - 8T
Engine model		JCB EcoMAX TCAE-81	JCB EcoMAX TCAE-81
Displacement		in³ (cm³)	268 (4,399)
Fuel		Diesel	Diesel
Cooling		Liquid	Liquid
Aspiration		Turbo	Turbo
Gross power SAE J1995		hp (kW)	109 (81)
Gross torque @ 1,200 RPM		lb/ft (Nm)	380 (516)
Emission certification		EPA-T4F	EPA-T4F
Engine oil service interval hours		500	500
Variable speed, hydraulically-driven fan		YES	YES

SERVICE CAPACITIES			
Model		400T	4TS - 8T
Hydraulic system (including tank)	gal (l)	14.5 (55)	14.5 (55)
Fuel tank	gal (l)	27.3 (103.3)	27.3 (103.3)
Engine coolant	gal (l)	5.8 (22)	5.8 (22)
Engine oil	gal (l)	4.0 (15)	4.0 (15)

HYDRAULIC PERFORMANCE			
Model		400T	4TS - 8T
R.O.C retracted	lb (kg)	3,994 (1,811)	3,999 (1,814)
R.O.C extended	lb (kg)	—	1878 (852)
Tipping load retracted	lb (kg)	11,415 (5,178)	11,426 (5183)
Tipping load extended	lb (kg)	—	5,366 (2434)
Loader lift retracted	lb (kg)	6,816 (3,092)	6,638 (3,011)
Loader lift extended	lb (kg)	—	3,983 (1,807)
Bucket tilt retracted	lb (kg)	8,150 (3,697)	7,919 (3,592)
Bucket tilt extended	lb (kg)	—	7,919 (3,592)

HYDRAULICS			
Model		400T	4TS - 8T
Standard flow	gpm (l/min)	24 (90)	24 (90)
High Flow	gpm (l/min)	33 (125)	33 (125)
Super Flow	gpm (l/min)	42.3 (160)	42.3 (160)
Main relief pressure	psi (bar)	4,061 (280)	4,061 (280)
HYD HP low flow	hp (kW)	35.8 (26.7)	35.8 (26.7)
HYD HP high flow	hp (kW)	46.1 (34.4)	46.1 (34.4)
HYD HP super flow	hp (kW)	57.9 (77.7)	57.9 (77.7)

ELECTRICS			
Model		400T	4TS - 8T
Starter motor	hp (kW)	5.6 (4.2)	5.6 (4.2)
Battery	V/Ah	12/109	12 / 109
Alternator	amps	150A	150

TRANSMISSION			
Model		400T	4TS - 8T
Single speed	mph (km/h)	6.2 (10.0)	6.2 (10)
Two speed	mph (km/h)	7.8 (12.5)	7.8 (12.5)

STANDARD EQUIPMENT	
Sealed cab with heater/defroster	•
Powered electric quick hitch	•
Electronic hand throttle	•
Four (4) front and two (2) rear work lights - LED	•
Emergency lower valve	•
Fuel gauge	•
Hydraulic park brake	•
High flow auxiliary hydraulics	•
Rear service access door	•
Tilting cab for service accesss	•
Vinyl air suspension seat	•
Boom Float	•
Centrifugal dry engine air filter with primary and secondary elements	•
Battery isolator	•
Foot throttle	•
Twine cutter (wheeled units only)	•
In-cab ISO/H pattern changeover	•
Fuel cap protection	•
Creep speed	•
Reversing fan	•
LiveLink telematics	•
2-Speed	•
Smooth Ride	•
Parallel lift	•

LIGHTING AND ELECTRICS	
12 VDC Negative ground system	•
1,000 cold cranking amps (CCA) battery @0deg F	•
Low charge pressure alarm	•
Engine water temperature alarm	•
Blocked air filter pressure alarm	•
Engine oil pressure alarm	•
Avoltage alarm	•
Operator enclosure mounted fuse and relay box	•
Reverse back up alarm	•
Low Fuel Alarm	•

OPERATOR ENVIRONMENT	
Full ROPS and Level I FOPS	•
7" display / touch screen	•
Full visual and audible warning system	•
Operator Enclosure access through side door	•
Fully adjustable seat	•
Retractable 2 in. seat belt	•
Electric over hydraulic controls with JCB multi-function joysticks	•
Pod storage area	•
Cup holder	•
Power socket	•
Rear view mirror	•
Interior light	•
Review camera	•

OPTIONAL FEATURES	
CANOPY - INCLUDES ALL STANDARD FEATURES	+
Fender (3TS-8W only)	•
CAB - INCLUDES ALL STANDARD FEATURES PLUS	+
Block Heater - 110v	•
Radio	•

STANDARD

•

OPTIONAL

+



HIGH HORSEPOWER 400T | 4TS-8T





ONE COMPANY, MORE THAN 300 MACHINES.

Your nearest JCB Dealer

HIGH HORSEPOWER | 400T | 4TS-8T

Operating weight: 9,914 - 13,000 lb (4,497 - 5,897 kg) Rated operating capacity: 2096 - 3999 lbs (951 - 1814 kg)

JCB North America

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Download the very latest information on this product range at www.jcb.com

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