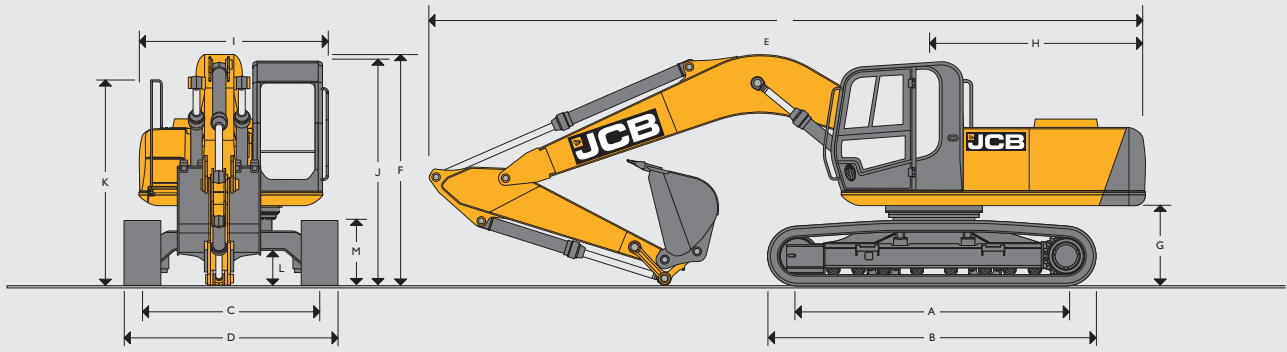




TRACKED EXCAVATOR | JS205 SC/LC

Engine power: 104 kW (140 hp) Bucket capacity: 0.9 – 1.02m³ Operating weight: 21000 – 21500kg





STATIC DIMENSIONS

		LC	SC	NLC
A	Track length on ground	mm 3660	3370	3660
B	Undercarriage overall length	mm 4460	4170	4460
C	Track gauge	mm 2390	2200	1990
D	Width over tracks	mm 2990	3000	2490
G	Counterweight clearance	mm 1079	1079	1079
H	Tailswing radius	mm 2825	2825	2825
I	Width of superstructure	mm 2549	2549	2549
J	Height over cab	mm 3060	3060	3060
L	Ground clearance	mm 435	435	435
M	Track height	mm 885	815	885

Monoboomb 5.7m					
Dipper lengths		2.4m	3.0m	2.4m	3.0m
E	Transport length	mm 9634	9562	9634	9562
F	Transport height	mm 3122	3122	3122	3122

TRACK DRIVE

Type	Fully hydrostatic
Travel motors	Axial piston type, fully guarded within undercarriage frame
Final drive	Planetary reduction, bolt-on sprockets
Service brake	Hydraulic counter balance valve to prevent over speeding on gradients
Park brake	Disc type, spring applied, automatic hydraulic release
Gradeability	70% (35 deg.) continuous
Travel speed	3.8 kph
Tractive effort	166 kN

UNDERCARRIAGE

Track shoe	600 / 800mm
Upper & lower rollers	Heat treated, sealed and lubricated
Track adjustment	Grease cylinder type
Track idler	Sealed and lubricated, with spring enhanced recoil
No. of track guides	2 per side
No. of lower rollers	8 Per side (JS205LC), 7 per side (JS205SC)
No. of upper rollers	2 per side
No. of track shoes	49 per side (JS205LC), 46 per side (JS205SC)

ENGINE

Model	CUMMINS 6BT 5.9C
Type	Water Cooled, 4 stroke, 6 -cylinder in-line, direct injection, turbocharged diesel
Nett power	Gross power: 104 kW (140 hp)
Piston displacement	5.88 litres
Air filtration	Dry element with secondary safety element plus air pre-cleaner
Cooling	Water cooled via large capacity radiator
Starting system	24 volt
Alternator	24 V, 75 amp, Heavy-duty

WEIGHTS AND GROUND BEARING PRESSURES

	JS205SC	JS205LC
Standard machine with 600mm tracks, 0.9m ³ bucket, operator, full capacity lubes and fuel		
Operating Weight	21000 kg	21500 kg
Ground bearing pressure	0.39 kg/sq cm	0.49 kg/sq cm

HYDRAULIC SYSTEM

Pumps	
Main pumps	2 variable displacement axial piston type
Maximum flow	2 x 220 L/min
Servo pump	Gear type
Maximum flow	20 L/min
Control valve	
A combined four and five spool control valve with auxiliary service spool as standard	
Relief valve settings	
Boom/Arm/Bucket	343 bar
Swing circuit	289 bar
Travel circuit	343 bar
Pilot control	40 bar

SERVICE CAPACITIES

Machine model	Litres
Fuel tank	343
Engine coolant	25.5
Engine oil	19
Hydraulic system	203
Hydraulic tank	120
Swing device	5
Travel device	2 x 5

SWING SYSTEM

Swing motor	Axial piston type
Swing brake	Hydraulic braking, electrically operated spring applied disc type parking brake
Final drive	Planetary reduction
Swing torque	65.2 kNm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing speed	12 RPM

CAB & CAB GUARD

Pressed steel construction with high strength rolled sections. Excellent all round visibility during digging, loading & positioning. Removable front lower glass and sliding rear window. Excellent ergonomic positioning of operating levers for reduced operator fatigue. Optional ducted AC unit with heater for operator comfort. Windscreen wiper & lockable storage available. Rubber covered track pedal, water bottle & document holders provided. Additional cab top lights for illumination.



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