

THE POWER OF SUCCESS

JCB 455.4 WHEEL LOADER



5%* Enhanced
Productivity
in P Mode



10%* Better
Fuel Efficiency



1186 Nm
High Peak
Torque Engine



Enhanced
Comfort

Advanced
LIVE JCB LINK
4.0

Stay Connected 24x7



To know more



Scan the QR code

Engine power: 168 kW (225 hp) | Operating weight: 18,000 kgs
Full turn tipping load: 11,100 kgs | Standard shovel capacity: 3.3 m³

*Against the previous BS-III 455ZX,
tested under controlled environment. T&C Apply

SPECIFICATION: JCB WHEEL LOADER 455-4

ENGINE

Make & model	Cummins QSB 6.7 168 kW CEV Stage IV Diesel engine
Type	Common Rail direct injection (CRDI), Water cooled diesel with aftertreatment system
Engine aspiration	Turbocharged & charge air cooled
Capacity (Ltrs.)	6.7
No. of cylinders	6
Max. gross power	168 kW(225hp)@2200 RPM
Max torque	1186 Nm @ 1300 RPM
Low idle RPM	950±25z

TRANSMISSION

4 wheel drive automatic Power shift transmission electrically operated selector and gear change incorporating a speed inhibitor and modulation for responsive on-the-move direction and ratio changes. Single stage integral torque converter.

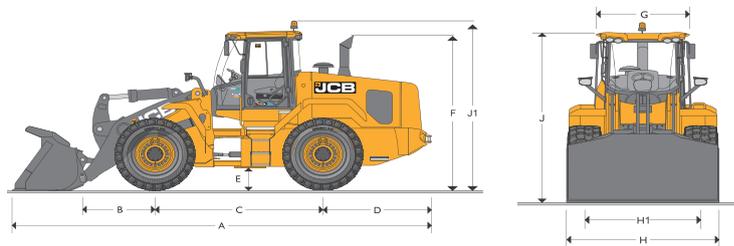
Type	4 Wheel drive, Automatic 4 speed transmission
Make & Model	Ergo power ZF 4WG190

AXLES

Type	Limited slip differential
Make and model	Front- ZF MTL 3095 II Rear - ZF MTL 3085 II
Overall axle ratio	24.667
Rear axle oscillation	± 12.5°
Bias ratio	30%

ELECTRICALS

System voltage	Volt	24V
Alternator output	Amp hour	28V 120A
Battery capacity	Amp hour	2 x 12V 900CCA



STATIC DIMENSIONS

A	Overall length	m	8.46
B	Axle to pivot pin	m	1.36
C	Wheel base	m	3.30
D	Axle to counterweight (Tow hitch)	m	2.16
E	Minimum ground clearance	m	0.48
F	Height over exhaust	m	3.22
G	Width over cab	m	1.53
H	Width over tyres	m	2.72
HI	Wheel track	m	2.10
J	Height Over Cab	m	3.40
J1	Overall Height with Beacon	m	3.78
	Front axle weight	kg	8204
	Rear axle weight	kg	9596
	Total weight	kg	18000
	Inside Turn Radius	m	3.18
	Maximum Turn Radius over Shovel	m	6.64
	Articulation Angle	deg	± 40°

Data based on machine equipped with direct mounted 3.1 m³ bucket with toe plates and bolt on teeth & 23.5-25 -20 PR L3 CEAT

LOADER DIMENSIONS

Assumes the fitment of BKT & CEAT 23.5-25 - 20PR tyres															
Shovel mounting		Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
Shovel type		General purpose				General purpose				General purpose				Coal bucket	
Shovel equipment		Tipped teeth penetration				"Reversible toeplate no teeth"				Tipped teeth & toe plate segments				No teeth	"Reversible toeplate no teeth"
Shovel capacity (SAE heaped)	m ³	2.8	3.1	3.3	2.8	3.3	3.5	2.5	2.8	3.3	3.5	4.5	5.0		
Shovel capacity (struck)	m ³	2.50	2.79	2.99	2.497	2.99	3.14	2.09	2.497	2.99	3.14	3.75	4.11		
Assumes the fitment of BKT & CEAT 23.5-25 - 20PR tyres															
Shovel mounting		Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch		
Shovel type		General purpose				General purpose				General purpose					
Shovel equipment		Tipped teeth				Tipped teeth				Tipped teeth & toeplate segments					
Shovel capacity (SAE heaped)	m ³	3.1	3.3	3.3	3.3	3.5	3.1	3.5							
Shovel capacity (struck)	m ³	2.497	2.687	2.648	2.884	2.63	2.884								

All dimensions may vary within 1.5% of nominal value. Photographs depicted may include optional equipment. Design & specifications are subject to change without prior notice or obligation.

EXCEEDING EXPECTATIONS EVERYWHERE

5000+ Trained service engineers	3000+ Mobile service engineers	18 Operator training centres	60+ Dealers	700+ Outlets	5 Parts warehouses	250+ Service vans	24x7 Support 12 Languages
---	--	-------------------------------------	--------------------	---------------------	---------------------------	--------------------------	-------------------------------------

Call us for a demo: 1800-1037-386

Follow us: /JCBIndiaLtd

JCB Always looking for a better way