



YOUR PARTNER IN HEAVY LIFTING AND SMOOTH OPERATIONS.

JCB 432ZX PLUS

W H E E L L O A D E R



Better fuel
efficiency



Better
productivity



More
cabin space



Engine oil &
filter change after
500 hours



Stay connected
24x7



Engine power: 112 kW (150 hp) | Operating weight: 12,000 kg
Payload: 3650 kg | Standard shovel range: 2.2 cu.m

Tested under controlled environment. T&C Apply.

SPECIFICATION: JCB WHEEL LOADER 432ZX Plus

ENGINE

Make & model	Cummins 6 BTA A 5.9C-150C
Type	4 stroke, direct injection
Displacement	5.9 L
Gross power	150 hp (112 kW) @ 2200 rpm
Max. torque	650 nm @ 1500 rpm
Emission Norms	Conforms to CMVR BS-III norms.

HYDRAULIC SYSTEM

Axial piston pump with load sensing and priority valve. Twin spool remote mounted valve block with float. Main services are servo actuated from hydraulic remote lever (joystick) and loader control through accumulator back up hydraulic supply unit.

System pressure	245 bar
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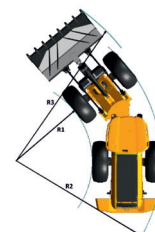
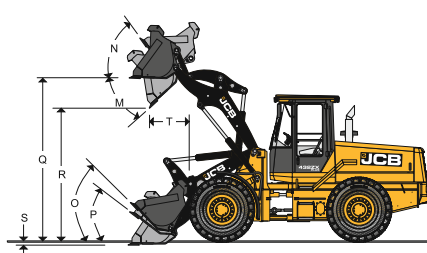
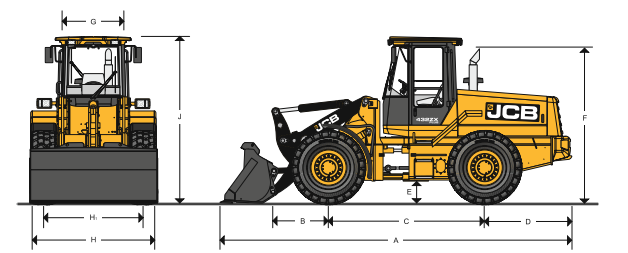
SERVICE CAPACITIES

Hydraulic system	L	210
Fuel tank	L	210
Engine coolant	L	40
Engine oil	L	15
Transmission	L	30
Rear axle	L	26
Front axle	L	26

TYRES

Standard	17.5 x 25(20PR) E3/L3 (Heavy-duty)
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Turning Radius



STATIC & PERFORMANCE DIMENSIONS

Nomenclature	Unit	432ZX PLUS STANDARD ARM							
		335/B6693	336/F5101	335/B6638	335/B6606	335/B6434	336/F3615	400/Y8488	
Bucket Description		Welded Teeth				Without Teeth	Bolt on Toe Plate	Welded Teeth	
Bucket Capacity (ISO/SAE heaped)	m ³	1.8	2.2	2.3	2.7	3.1	3.4	3.4	
Bucket Capacity (Stuck)	m ³	1.49	1.84	1.91	2.25	2.58	3.01	2.97	
Bucket Width	mm	2580	2660	2700	2780	2800	2894	2894	
Bucket Weight	kg	1102	988	1171	1260	1124	1341	1284	
Max. Allowed Material Density	kg/m ³	1950	1660	1550	1280	1160	980	1000	
Tipping Load Straight	kg	7924	8264	8037	7811	8150	7471	7698	
Tipping Load Full Turn	kg	7000	7300	7100	6900	7200	6600	6800	
Payload	kg	3500	3650	3550	3450	3600	3300	3400	
Maximum Breakout force	kN	117	121	126	116	103	99	103	
Operating Weight	kg	12154	12040	12223	12312	12176	12397	12336	
A Overall Length With Bucket	mm	7491	7462	7414	7505	7433	7486	7624	
B Axle to Pivot pin	mm	1192	1192	1192	1192	1192	1192	1192	
C Wheel Base	mm	3000	3000	3000	3000	3000	3000	3000	
D Axle to Tow hitch on Counterweight	mm	1901	1901	1901	1901	1901	1901	1901	
E Minimum Ground Clearance	mm	380	380	380	380	380	380	380	
F Height over Exhaust	mm	3131	3131	3131	3131	3131	3131	3131	
G Width Over Cab	mm	1688	1688	1688	1688	1688	1688	1688	
H Width Over Tyres	mm	2400	2400	2400	2400	2400	2400	2400	
HI Wheel Track	mm	1955	1955	1955	1955	1955	1955	1955	
J Height Over Cab	mm	3252	3252	3252	3252	3252	3252	3252	
M Dump Angle Maximum	degrees	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
N Roll Back Angle Full Height	degrees	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
O Roll Back At Carry	degrees	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
P Roll Back At Ground Level	degrees	38.6	38.6	38.6	38.6	38.6	38.6	38.6	
Q Load Over Height	mm	3582	3582	3590	3590	3591	3557	3583	
R Dump Height (Max Dump)	mm	2695	2714	2754	2692	2732	2671	2604	
RI Inside Radius	mm	2920	2920	2920	2920	2920	2920	2920	
R2 Maximum Radius Over Tyre-Size 17.5-25	mm	5320	5320	5320	5320	5320	5320	5320	
R3 Maximum Radius Over Shovel	mm	5917	5951	5995	6080	6075	6140	6128	
S Dig Depth	mm	65	67	57	57	57	92	65	
T Reach @ Dump Height	mm	1288	1266	1238	1304	1244	1257	1385	
Reach Max. 45 deg. Dump. Arm Horizontal	mm	2021	2000	1973	2037	1977	1990	2117	
Pin Height Maximum	mm	3830	3830	3830	3830	3830	3830	3830	
Bucket Weight Diff wrt 2.1 cu.m	kg	154	40	223	312	176	393	336	
Density Calculated	kg/m ³	1944	1659	1543	1278	1161	971	1000	

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.

All Available Variants: 455 ZX, 422 ZX

EXPERIENCE THE BEST SERVICE



Extended warranty



Best-in-class service



Easy parts availability



Advanced LiveLink

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