

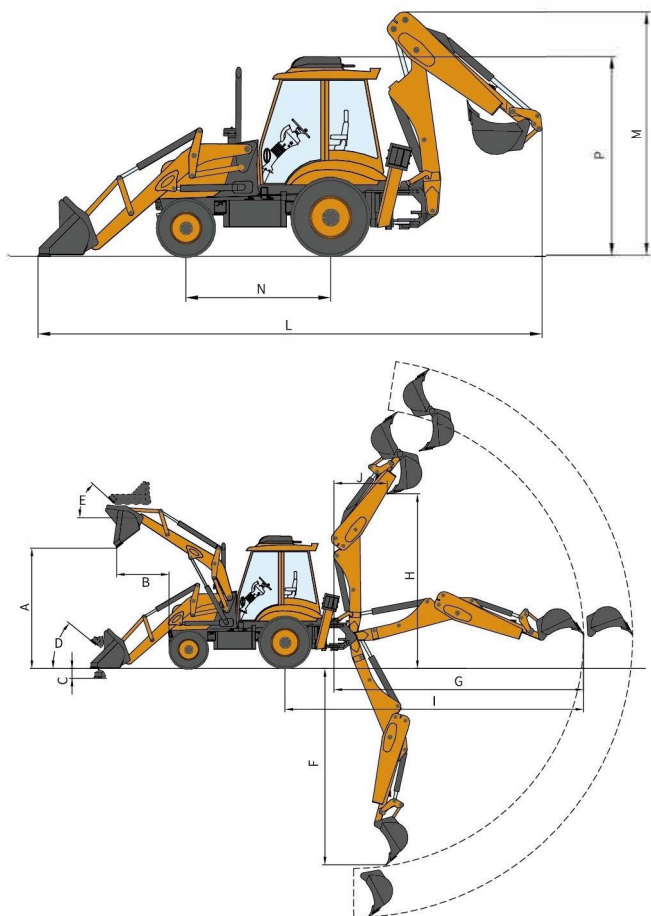
WZ30-25

BACKHOE LOADER

With a combination of digging and loading functions, it features high efficiency and fast return on investment. With hydraulic power take-off, it can be equipped with a variety of auxiliaries for various operations. The cab features wide vision, greatly improving the working efficiency.



SPECIFICATIONS



Transportation Dimension

		Standard Dipper	Extendible Dipper
L	Total Length (m)	7.43	7.57
M	Boom Height for Transportation (m)	3.48	3.66
	Total Width (m)	2.35	2.35
N	Wheel Base (m)	2.2	2.2
P	Cabin Height (Including A/C) (m)	2.97	2.97
	Operating Weight (kg)	7400	7800

Loading Operation Specification

		Standard Loading Bucket	4 in 1 Multi-purpose Loading Bucket
	Rated Bucket Capacity (m³)	1.0	0.9
A	Max. Dumping Clearance (mm)	2650	2534
B	Max. Dump Reach (mm)	1220	1178
C	Dig Depth (mm)	218	218
D	Drawback Angle At Ground Pos	40°	39.5°
E	Bucket Upward Angle At Max. Working Height	45°	44.5°
	Max. Breakout Force (KN)	≥ 40	≥ 40
	Rated Lifting Force (KN)	≥ 25	≥ 25
	Rise Time (s)	5.1	5.1
	Fall Time (s)	4.9	4.9
	Tilting Time (s)	0.9	0.9

Engine

Engine Model	WEICHA WP4G95E221	CUMMINS 4BTA3.9	Perkins 1104D-44T
Type	Four-stroke, Direct Injection type, Turbo Charge		
Rated Speed (rpm)	2200	2200	2200
Rated Power (hp/kW)	95/70	112/82	100/74.5
Peak Torque (N.m)	380	460	392

Transmission System

Transmission	Four gear synchronization, electric-hydraulic control forward/backward. Switch, shift and loading control handle have clutch splitting key
Front Axle	Swing turn, oscillating angle is 22°
Rear Axle	Braking axle with free-maintenance wet-type
Min. Ground Clearance	335mm
Driving Break	Electric-hydraulic control, built-in wet-type brake block

Hydraulic System

Loading Pressure	20mpa
Excavating Pressure	20mpa
Steering Pressure	15mpa
Output Pressure	16mpa
Rated Flow	110L/min

Tyre

Front Tyre	14-17.5NHS-14PR
Rear Tyre	19.5L-24-12PR R-4

Min. Turning Radius at the outer of Front Wheel

Two-Wheel Drive	3790mm
Four-Wheel Drive	4300mm

Travel Speed

Gear	Forward (km/h)	Backward (km/h)
I	5.8	5.8
II	10.5	10.5
III	20.1	20.1
IV	40.2	40.2

Excavating Operation Specification

		Standard Dipper	Extendible Dipper
	Rated Backhoe Bucket Capacity (cbm)	Extend — Retreat 0.3	0.2 0.2
F	Max. Excavating Depth (mm)	Extend — Retreat 4171	5519 4357
	Max. Excavating Force (KN)	Extend — Retreat > 57	> 57 > 57
G	Max. Excavating Radius (mm)	Extend — Retreat 5463	6728 5597
H	Max. Dump Height (mm)	Extend — Retreat 3860	4916 3950
I	Max. Outreach From Mid. Of Rear Axle (mm)	Extend — Retreat 6561	7826 6695
J	Max. Outreach At The Max. Dump Height (mm)	Extend — Retreat 1135	2179 1466
	Turning Angle	180°	180°