



Xuzhou KAT

BACKHOE LOADER

WZ30-25

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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.



Configuration

Engine			Hydraulic System			
Engine Model	DEUTZ WP4G95E221	CUMMINS 4BTA3.9	Loading Pressure	21.5MPa		
Type	Four-stroke, Direct Injection type, Turbo Charge		Excavating Pressure	21.5MPa		
Rated speed (rpm)	2200	2200	Steering Pressure	14MPa		
Rated power (hp/kw)	95/70	112/82	Output Pressure	16MPa		
Peak torque (N.m)	380	460				
Tyre						
Fore Tyre	14-17.5NHS-14PR		Rear Tyre	19.5L-24-12PR R-4		
Transmission System						
Transmission	CARRARO	Four gear synchronization, electric-hydraulic control forward/backward. Switch, shift and loading control handle have clutch splitting key	Front Axle	CARRARO	Swing turn, oscillating angle is 22°	
Driving Break		Individual brake on left or right wheel, electric-hydraulic control, built-in wet-type brake block	Rear Axle	CARRARO	Braking axle with free-maintenance wet-type	
Min. Ground Clearance	335mm		Min. Turning Radius	Two-Wheel Drive	3790mm	
			at the outer of Front Wheel	Four-Wheel Drive	4300mm	
			Travel Speed (km/h)	Gear	Forward	Backward
				I	5.8	5.8
				II	10.5	10.5
				III	20.1	20.1
				IV	40.2	40.2

Loading Operation Specification

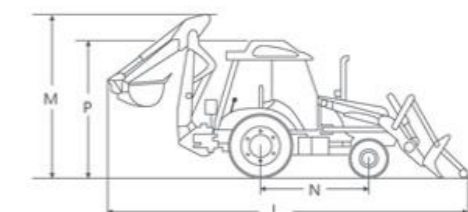
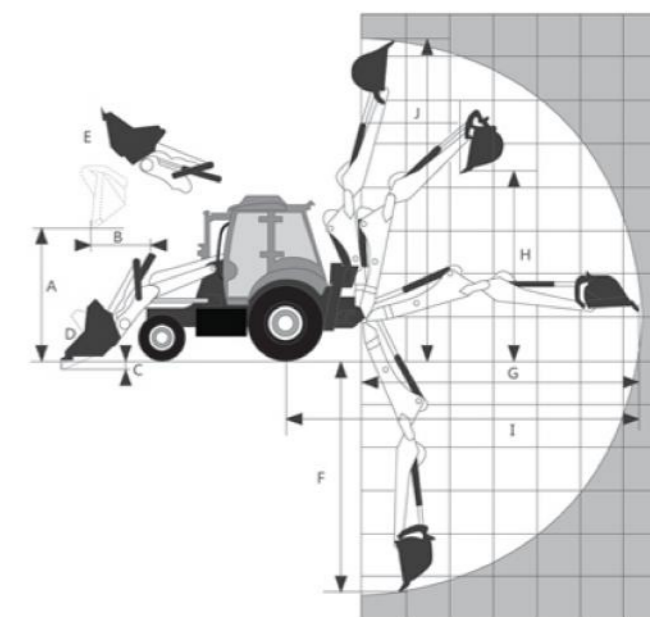
Rated Bucket Capacity	(m ³)	1.0
A. Max. Dumping Clearance	(mm)	2612
B. Max. Dump reach	(mm)	727
C. Dig depth	(mm)	191
D. Drawback angle at ground pos.		40°
E. Bucket upward angle at max. working height		63°
Max. breakout force	(kN)	> 40
Rated Lifting Force	(kN)	> 25
Rise Time	(s)	5.1
Fall Time	(s)	4.9
Tilting Time	(s)	0.9

Excavating Operation Specification

Rated Backhoe Bucket Capacity	(cbm)	0.3
F. Max. Excavating Depth	(mm)	4340
Max. Excavating Force	(KN)	> 57
G. Max. Excavating Radius	(mm)	5482
H. Max. Dump Height	(mm)	3738
I. Max. Outreach from mid. of Rear Axle	(mm)	6583
J. Max. Outreach at the Max. Dump Height	(mm)	1084
Turning Angle		180°

Transportation Dimension

L. Total Length	(m)	7.07
M. Boom height for Transportation	(m)	3.42
Total width	(m)	2.35
N. Wheel Base	(m)	2.15
P. Cab Height	(m)	2.70
Operating Weight	(kg)	7400



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