

TDER parameters of backhoe loader ZT08-12

Overall dimension	
Model	ZT08-12
Dimensions (mm)	5100*1350*2580
Wheelbase (mm)	1910
wheel tread(mm)	1100
Min. ground clearance (mm)	250
performance parameters	
System pressure (MPa)	16
Machine weight (Kg)	2500
Max. speed (Km/h)	20
Max. climbing capacity (°)	25
Min. turning radius (mm)	3000
Diggingparameters	
Max. digging depth (mm)	1500
Dig unloading height (mm)	1500
Max. digging radius (mm)	2000
Bucket width (mm)	350
Bucket capacity (m3)	0.08
max. digging height (mm)	2600
Maximum digging force (kN)	25
Rotary Angle of excavator (°)	180
Loading parameters	
Max. unloading height (mm)	2200
Max. unloading distance (mm)	800
Bucket width (mm)	1300
Bucket capacity (m³)	0.4
Max. loading lifting height (mm)	3000
Max. breakout force (kN)	28
Forward shovel action time (S)	12
Engine	
Model	Yunnei 490
Type	Turbocharged, 4 strokes
Rate power (KW)	37
Rate speed (r/min)	2400
Cylinders-inside diameter	3-90(4-90)
Transmission system	
Gearbox	Fixed shaft power shift

Number of gear	2 first/ 2 after
Hydraulic torque converter	ZL28F
Steering system	
Type	Hinged full hydraulic steering
Steering Angle (°)	33
Bridge	
Type	Hub reduction
Tire	
Specifications	825-16
Front wheel pressure (kPa)	250
Rear wheel pressure (kPa)	250
Crane brake	Oil brake drum brake
The parking brake	Manul
Oil amount	
Fuel tank (L)	20
Hydraulic tank (L)	20
Other	
Drive type	Four-wheel drive
Variable speed type	Hydraulic variable speed
Braking distance (mm)	300