



Main structure components adopt 16Mn low-alloy steel, with good performance in strength and light weight.



Articulated Type frame, small turning radius, easy operation at narrow working place.



Overall Size

Operating Weight	7600kg
Overall Dimension	5910X 2268 X 3760mm
Wheel base	2250mm
Track	1640mm
Min. Ground Clearance	300mm

Performance

Breakout Force	38KN
Loading lifting capacity	2500kg
Front Bucket Capacity	1.0 m ³
Bucket Dumping Height	2795mm
Bucket Lifting Height	3400mm
Bucket Dumping Distance	1048mm
Digging Height	3878mm
Backhoe Capacity	0.3cbm
Max. Digging Depth	4080~4500mm
Single angle of excavator grab	190°
Max. pulling force	39KN

Engine

Brand	Yuchai YC4A105Z-T20
Type	Turbo charged
No. of Cylinder-Bore/Stroke	4-108*132
Rated Power	75kw/102HP
Max. torque	400 N.m
Displacement	4.3L
Rated Speed	2200r/min
Min. Fuel Consumption	235g/Kw-h

Steering system

Model of steering system	BZZ5-250
Steering angle	±36°
Mini turning radius	5018mm
Pressure of the system	12MPa

System Pressure

Loading Hydraulic System	18MPa
Digging Hydraulic System	20MPa

Axle

Main transmission type	Arc Bevel Gear First Reduction
Final reduction	Single Row Planetary Reduction

Transmission system

Torque converter	YJ280
Gearbox	Fixed shaft power transmission
Gears	F2/R2
Max.speed	22Km/h

Brake system

Service brake	Air brake
Parking brake	Manual disk brake

Tires

Size	16/70-20
------	----------

Hydraulic system

Digging power of excavator grab	46.5KN
Digging power of dipper	31KN