


# Shandong Rhinoceros Engineering Machinery CO., LTD

Features of XN90-8 crawler excavator

**WITH CE CERTIFICATE**





1. Adopting original YANMAR engine with low fuel consumption, low noise, environmental protection and high efficiency.
2. Imported hydraulic system ensures high reliability.
3. Easy to read LCD monitoring system helps reduce maintenance and ownership cost
4. Easy access to service and maintenance points reducing downtime.
5. Spacious cab with air conditioner offers a comfortable working environment. Full digital monitor dynamically show the working condition of the machine.






	<b>Engine</b>
Model	YANMAR (4TNV-98T)
No. of cylinders	4 cylinders in line, water cooled
Bore and stroke	98x110 (mm)
Displacement	3.319L
Rated power	57.5KW
Max. torque	286.9 N.m / 1500rpm
Compression ratio	18.1
Lubricating method	Pressure lubrication and splash lubrication

ADD: Dingyuanzhai Industrial Park, 18km east of liaocheng, Shandong Province, China.  
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Fuel consumption	≤ 244 g/kwh
Engine oil consumption	≤ 0.8 %
 <b>Travel system</b>	
Travel motor	EATON brand
Model	JMV-47/27-01-VBC-RJ-53
Travel brake	hydraulic disc brake
Parking brake	oil release
No. of track shoes	2x40
Width of track shoe	452 mm
Distance between two track shoes	1430 mm
Travel speed	3 (Km/h)
Maximum tractive force	62 KN
Grade ability	70% (30 degree)
Ground clearance	420mm
Balance weight to ground	770mm
 <b>Hydraulic system</b>	
Main hydraulic pump	MOIFLUID brand
Model / type	1P0750000 Piston pump
Max. discharge flow	74 ml/r
Speed	2200 rpm
Pressure	32 Mpa
Main Valve	MOIFLUID brand
Model	1V1751480
Pilot control pump	STAUFF from German
Hydraulic pipes	MANULI brand from Italy
Hydraulic pressure	28Mpa
 <b>Swing system</b>	
Main hydraulic pump	EATON brand
Model	JMF-43-01-VBR-RK-19
Swing speed	12 rpm
 <b>Cab controls</b>	

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Cab	New ergonomic cab, which strengthens the structure of the entire stamping, with the feature: strong impact resistance, vibration damping pads, absorbing vibration, comfortable cab with high quality air conditioner, front window can move down, expand driver's vision
<b>Boom, Arm Bucket</b>	
Boom cylinder	85/50-855x1365
Stick cylinder	100/60-910x1365
Bucket cylinder	90/55-680x1070
 <b>Refilling capacity &amp; lubrications</b>	
Fuel tank	240L
Cooling system	20L
Engine oil	13L
Volume of Hydraulic tank	130L
 <b>Bucket</b>	
Mode	backhoe bucket (wear-resisting plate)
Capacity	0.35 cbm
No. of teeth	4
Width of bucket	750 mm
Depth of bucket	570 mm
<b>Digging force</b>	
Arm length	2330mm
Boom Length	3820mm
Bucket digging force	63 KN
Arm digging force	46 KN
 <b>Operating weight and working ranges</b>	
Operating weight	9000Kg
Dimension	6500 x2370x2750 mm
Height of cab	1600 mm
Length of moldboard	2320 mm
Width of moldboard	400 mm
Working Range	Max. digging range 6700 mm

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	Max. digging depth	3980 mm
	Max. digging height	6500 mm
	Max. loading height	4400 mm

Photos:



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