

## W166 wheel loaders



W166 wheel loader has a great capacity of heavy duty; torque converter and counter-shaft transmission gearbox-Komatsu technology are used. They can be assembled separately. The machine has the features of higher reliability and easier maintenance; W166 wheel loader can be operated easily due to fully hydraulic steering system, power shift transmission and pilot controlled; the bucket of the machine can be leveled automatically. We have many optimized working device, which can ensure higher productivity; the operation environment is comfortable because new design cabin, grammar seat and air-conditioner are employed; there are various working devices in this wheel loader that are available, such as log clamp, pipe clamp, grass fork, plow, ore bucket, loose bucket, fork, etc. This can meet your different needs.

Specifications		
1	Bucket capacity	3.2m <sup>3</sup>
2	Rated load	6000kg
3	Transportation dimension(L×W×H)	8360×2950×3600mm
4	Wheelbase	3260mm
5	Thread	2250mm
6	Max. breakout force	200KN
7	Max. dumping height	3160mm
8	Dump distance	1200mm

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WORLD EQUIPMENT (CHANG ZHOU) CO., LTD

9	Total time	11.48s
10	Operating weight	19000kg
Engine		
1	Model	WEICHAI WD10G240E21
2	Pattern	Turbocharger, inline, water-cooled, 4-stroke, direct injection
3	Rated power/speed	175kw/2200rpm
4	Max. torque	920N.m
Torque converter and transmission system		
1	Model of torque converter	YJSW315-6H
2	Pattern	single stage two phase four components
3	Transmission type	power shift plant structure
4	Number of gear	2 forward, 1 reverse
5	Max. travel speed	38km/h
Alex		
1	Alex	Yunyu
2	Main reducer pattern	Spiral bevel gear first reduction
3	Pattern of wheel side moderation	Single stage planetary
Tire		
1	Tire Size	26.5-25
Steering system		
1	Pattern	Full hydraulic steering system
2	Max. turning radius(outside of bucket)	7260mm
3	Max. turning angle	35°±1
Hydraulic system		
1	Implement pump	P7600-F125
2	Displacement	275L/min
3	System working pressure	18MPa
4	Distribution device model	DF32
5	Pilot valve model	DJS
Brake system		
1	Service brake	Air assisted oil disc on four wheel
2	Parking brake	Flexible shaft control, disc type

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