



Xiamen Xing Yuan Zhou Industrial Co.,Ltd

1903# Dexin Building No.584 Xianyue Road, Xiamen, China

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MS1120 Motor Grader



Technical Parameter of MS1120 Motor Grader	
Model	MS1220 motor grader
Operating weight (kg)	17200
Overall dimensions L*W*H(mm)	8900*2765*3525(standard) 10900*2765*3525 (with front blade and rear ripper)
Bladed(L*W)(mm)	4267*650
Blade swing angle	360°
Max.tilting angle of blade(left/right)	90°
Max.digging depth of blade (mm)	550
Front-rear axle wheelbase (mm)	6362
Tyre	Wheel rim 14.00/1.5-25



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	Tyre spec	17.5-25PR12
Transmission		Hydraulic gear shifting transmission
Max.travel speed		36km/h
Max. traction force (Attachment coefficient is 0.75KN)		89KN
Engine	Model	6CTA8.3
	Rated power	160kw/215hp
	Speed	2200r/min
	Max.torque	908Nm/1500r/min
Axle	Drive axle (type)	3-stage axle with "no-spin" differential
	Driven axle (type)	Boxed oscillating steering front axle
	Swing angle	±15°
	Tilting angle of front wheel	±17°
	Central ground clearance	630mm
Steering system	Steering angle	45°
	Articulated steering	Hydraulic driving, multi-cylinder function
	Articulated angle	Left/Right 25°
	Min. turning radius	External circle of front wheel 7.8m
Brake system	Service brake)	Full hydraulic brake system
	Brake (Service brake)	Shoe type brake
	Parking brake (type)	Hoop brake, mechanical control
Optional Parts		
Front blade Width×Height (mm)		2740×920
Max. digging depth (mm)		205
Ripping depth (mm)		2000
Max.depth of the ripper teeth		315
Number of teeth		5

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