

# GR1905T



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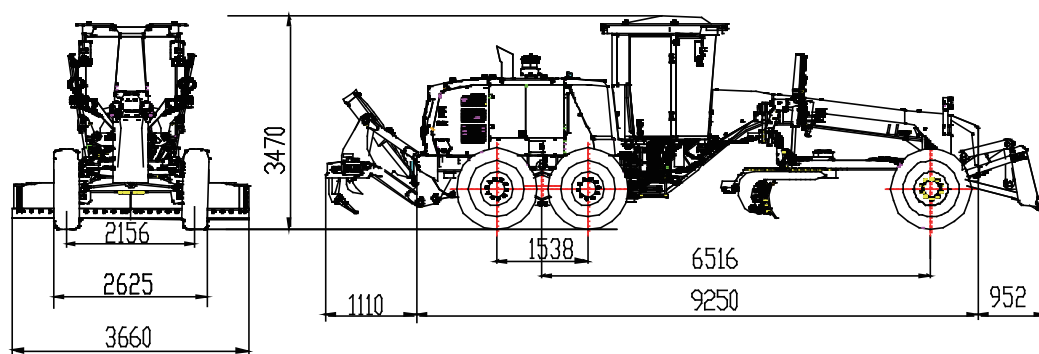
**Motor Grader**

The GR1905T motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc. It is the necessary construction machinery for urban and rural road construction and water conservancy construction, farmland improvement and so on.

## Performance and characteristics

- Comfortable operation: The technologically advanced cab is equipped with hot/cold air conditioning, reversing image, split control panel, touchable LED display, adjustable comfortable seat, and ergonomic function switches, providing users with unparalleled operation and vision experience;
- Reliable structure: To cope with extreme working conditions, equipped with high-efficiency transmission turbine box, a large modulus and highly wear-resistant rotary gear ring, heat-treated blade guide rails to achieve load-bearing rotation. It adopts reinforced front and rear axles with long service life and higher reliability;
- Engine variable power control technology, more energy efficient ;Advance antivibration and noise reduction technology, low noise of the whole machine;.

## Main dimensions



## Main specifications

Item	Content		Value
Basic Parameters	Engine model		WP8G203E671
	Engine type		In-line, water-cooled, four-stroke, electronic fuel injection
	Rated power/speed		149kW/2200rpm
	Overall dimensions (standard configuration)		9250×2625×3470mm
	Overall weight (standard configuration)		15400 kg
	Tyre specification		17.5-25
	Wheel track		2156mm
	Distance between front and rear axles		6516mm
	Minimum Ground Clearance		610mm
	Distance between middle and rear wheels		1538mm
Performance Parameters	Forward speed		5、8、13、18、30、47km/h
	Reverse speed		5、13、30km/h
	Traction f=0.75		83 kN
	Maximum gradeability		≥55%
	Tyre inflation pressure		260kPa
	Working system pressure		24.5MPa
	Gearbox pressure		1.85—2.2Mpa
Working Parameters	Maximum steering angle of front wheel		±48°
	Maximum tilting angle of front wheel		±18°
	Maximum swinging angle of front axle		±16°
	Maximum swinging angle of balance box		±15°
	Maximum steering angle of frame		±25°
	Minimum turning radius		7.4m
	Shovel blade	Maximum lifting height	520mm
		Maximum shoveling depth	750mm
		Maximum tilting angle	90°
		Cutting angle	Front 40°; Rear 5°
		Length × Chord height	3660X610mm