

# Engineering built smarter. Solutions built to last.

Tuboshu delivers innovative, sustainable engineering built for Africa. Backed by decades of expertise, we design adaptive, high-performance solutions that solve real operational challenges. Our commitment to quality drives every project, supported by a trusted network for maintenance, technical assistance, and ongoing after-sales service.

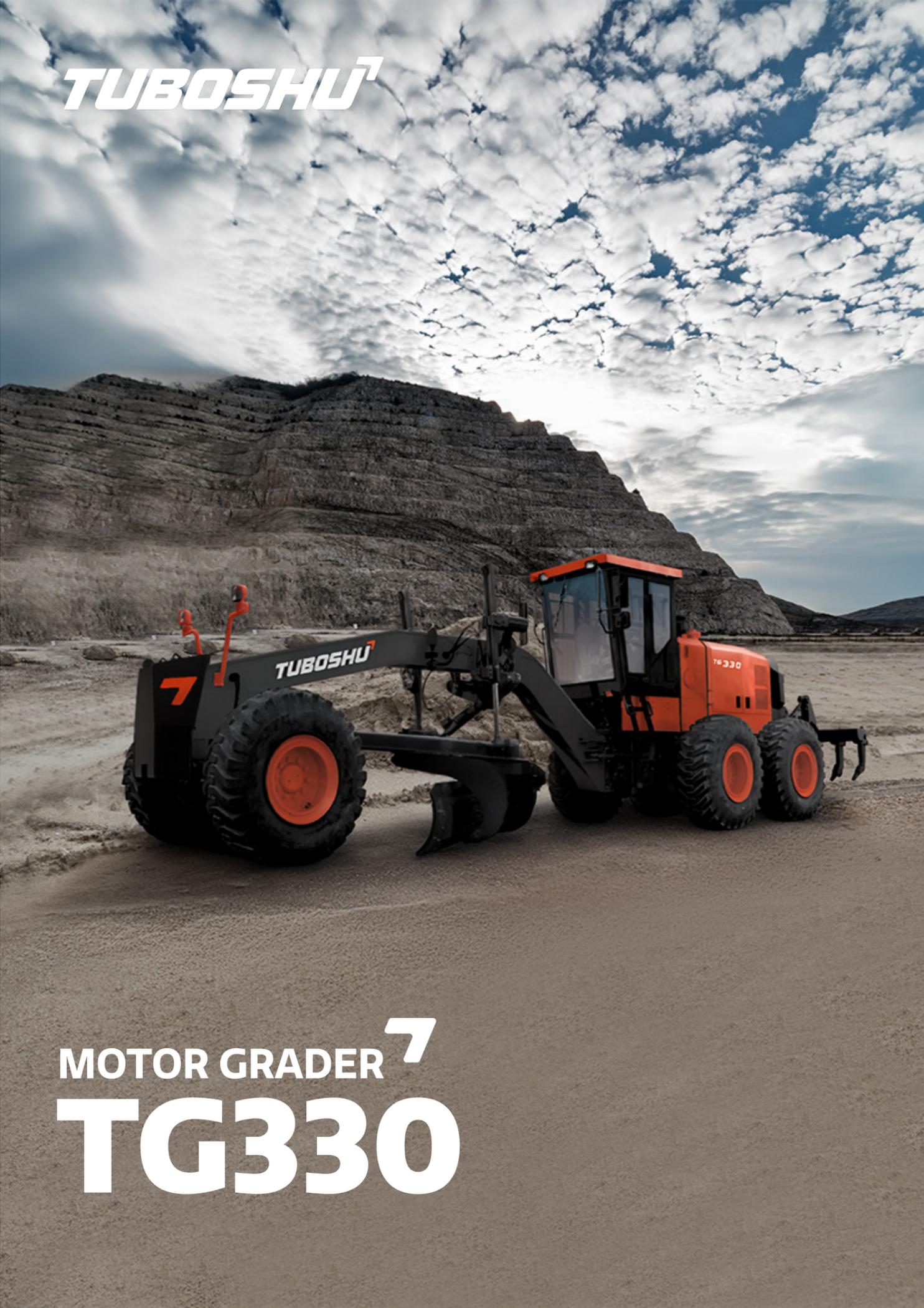
## Elevate Your Power



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[tuboshu.co.uk](https://tuboshu.co.uk)

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Tuboshu equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.



MOTOR GRADER<sup>7</sup>  
**TG330**

# TECHNICAL SPECIFICATION

## CHARACTERISTICS

Manufacturer	TUBOSHU
Model	TG330
Configuration Number	TUPY330UK

## ENGINE

Model	Cummins QSM11-C330
Type	EFI ,turbocharger,air-to-air cooling; temperature control independent cooling system
Rated Power	246 kW @ 2100 rpm
Max. Torque	1674Nm/1400rpm
Min.Turning Radius	9000 mm

## TRANSMISSION

ZF electro-hydraulic controlled power shift single handle operation, automatic transmission

GearShift	Forward Speed	Reverse Speed
1st	5.8	5.5
2nd	8.6	13
3rd	13.3	29
4th	20.3	
5th	29	
6th	43	

## HYDRAULIC SYSTEM

System pressure..... 25MPa  
Dual-handle electronically controlled load-sensing system

## STEERING SYSTEM

Max Turning Range (left or right)	49 °
Frame Articulation (left or right)	25 °
Min. Turning Radius	9000 mm
System Pressure	16 Mpa

Full hydraulic front wheel steering, articulated steering, emergency steering

## AXLES

Front Axle	±15 °
Rear Axle	full-floating rear axle with NO-SPIN differential
Wheel Lean Angle	17 ° left or right

## TANDEM DRIVES

Tandem Oscillation	13 ° reverse and forward
Final Driving	Spiral bevel gear, single stage reduction
Tandem Drive	chains

## BRAKES

Service Brake	Full Hydraulic Wet Brakes
Parking Brake	Hydraulically Operated Disc Brake

## MOLDBOARD

Dimensions	4920mmx695mmx20mm
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## BLADE RANGE

Moldboard Side Shift (Left)	980mm
Moldboard Side Shift (Right)	555mm
Max. Shoulder Reach Outside Rear Tires (Right)	2260mm
Max. Shoulder Reach Outside Rear Tires (Left)	1950mm
Max. Lift Above Ground	515mm
Max. Grading Depth	735mm
Max. Blade Angle, Right Or Left	65 °
Blade Tip Angle	23° -73°

## TYRE

Tyre Size	18.00-25-28PR
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## CABIN

Large cab space, overall adjustable instrument column, adjustable suspension seat, Standard Rops & FOPS, standard heating and cooling air conditioning, better comfort

## REFILL CAPACITY

Fuel Tank	540 L
Transmission	35-40 L
Crank Case	28 L
Rear Axle	35 L
Tandem Housing (each)	60*2 L
Hydraulic System	200 L

# TECHNICAL SPECIFICATION

## Product Overview

It is mainly used for the leveling of large-scale ground and stable layers in mining areas, highways, airports, farmland, etc. It is widely used in open pit mines, bulldozing, paving, finishing of roadbed mixtures, national defense engineering construction, urban and rural road construction, water conservancy construction, etc. Especially in the mining area, the Tuboshu TG330 mine-type complete machine has high strength and sufficient power, which fully conforms to the mining area road construction and original landform dressing, and is perfectly suitable for heavy-duty work such as road forming, road maintenance, and rock cleaning.

## Main Features

- Cummins electronically controlled engine.
- Adopt high-strength slewing bearing and overload protection worm gear box, suitable for heavy load conditions
- Strong traction and excellent overall stability, suitable for mine road cleaning and super hard road leveling
- Load-sensitive hydraulic system, double-handle electronic control, better control feeling, less control force, more energy-saving and high-efficiency
- Full hydraulic dual-circuit service braking system, wet braking, easy maintenance, safe and stable braking
- Optional rear ripper, front bulldozer, automatic leveling device

## Comfortable Cabin

Large cab space, overall adjustable instrument column, adjustable suspension seat, Standard Rops & FOPS, standard heating and cooling air conditioning, better comfort

## Best Matched Power Train

Cummins electronically controlled engine, efficient and environmentally friendly, equipped with electronically controlled automatic shifting gearbox, perfectly integrated with the transmission system.

