

**SANY**<sup>®</sup>

# STG140C-8S MOTOR GRADER



9 Joy St., Brgy. Balingasa, Grace Village,  
Quezon City, Philippines



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# TECHNICAL PARAMETER

Model		STG140C-8S
Transmission	Model	YD13
	Brand	HANGCHI
Drive Axle	Model	18MRH-X242M
	Brand	Meritor
Power System Spec.	Supplier	DCEC
	Model	6BTA5.9-C150-II
	Rated Power (kW)	112
	Rated Rotation Speed (rpm)	2200
Dimensions	Peak Torque (Nm)	655
	Standard (without counterweight): LxWxH	8765x2460x3310
	Front and Rear Axle Base (mm)	6154
	Middle and Rear Wheel Base (mm)	1538
Load Spec.	Clearance from Rear Axle to Ground (mm)	395
	Standard (with counterweight) (kg)	13000
Operating Device Spec.	Max. (with Ripper) (kg)	14000
	Length of Blade (mm)	3660 (12ft) (standard)
	Height of Blade (mm)	620
	Tilt Angle (°)	±90
	Turning Angle (°)	360
	Max. Lift above Ground (mm)	420
	Max. Depth of Cut (mm)	630
Running Spec.	Blade Tip Range	25~75
	Gears	6 Forward and 3 Reverse
	Forward Speed (km/h)	5/8/12/19/28/41
	Reverse Speed (km/h)	5/12/28
	Steering Angle of Front Wheel (°)	±45
	Tilt Angle of Front Wheel (°)	±17
	Articulated Steering Angle (°)	±25
	Oscillation Angle of Front Axle (°)	±16
Tank Capacity	Min. Turning Radius (m)	7.2
	Model of Tire	13.00-24(16PR) (standard)
Tank Capacity	Max. Capacity of Hydraulic Oil Tank (L)	140
	Max. Capacity of Fuel Tank (L)	350