



# Motor Grader **GR1705**

**Engine Power** - 158 hp – 178 hp

**Engine Make** - Weichai

**Operating Weight** - 15000 kg

**Moldboard Length** - 3660 mm

**Cabin** - HVAC

# ADVANCED CONFIGURATION

# GR1705

## RELIABLE TRANSMISSION

Automatic ZF Power Shift Transmission  
Electro Hydraulically Controlled for smooth shifts

## OPERATOR CABIN

Heating Ventilation Air Conditioned (HVAC) Cabin as a Standard  
Trapezoidal Shaped Cabin for Best All round View  
Electro Hydraulically Controlled Smooth and Precise Operator Lever

## POWERFUL ENGINE

Weichai Engine with Variable Horse Power Technology  
High Torque Output  
Low Fuel Consumption



## SUPERIOR TECHNOLOGY

Patented Double End Single Cylinder Technology  
Overload protected Worm Gear Box  
Arc shaped Moldboard for Smooth Grading and Rolling Effect

## INTELLIGENT HYDRAULICS

Ultra Precise Operation  
Advanced Variable Pump to Save Energy  
Smart Load sensing Circuit

## REAR AXLE

Heavy Duty Axle for Extended Life  
'NO-SPIN' and Self Locking Differential

# SPECIFICATIONS

## ENGINE

Model	Weichai WP7G178E501
Type	6 CYL, Turbocharged, Electronically Controlled Variable Horse Power
Displacement	7.47 L
Rated Power	158 hp - 178 hp
Batteries	12 V x 2

## TRANSMISSION

Make / Model	ZF 6WG158
Type	Electronically Controlled Power & Automatic Shifting Function
Gears	6F / 3R
Max Travel Speed km/hr (Fwd/Rev)	47 / 30

## AXLES

Differential Type	NO SPIN' Non Rotating & Self Locking Differential
Final Drive Type	Chain Drive
Axle Oscillation	(+/-) 16 Degree
Front Axle Type	Welded Steel Frame
Front Axle Wheel Lean Angle	18

## BRAKES

Service Brakes	Dual Circuit Hydraulic Brake System
Final Drive Type	Chain Drive

## HYDRAULIC SYSTEM

Type	Closed Center, Load Sensing
Main Pump Pump Flow	Variable Displacement, Piston Pump

## OPERATOR CABIN

Cabin / Canopy	Cabin
HVAC	STD
ROPS / FOPS	OPT
Rear View Camera	STD

## SERVICE REFILL CAPACITIES

Fuel Tank	380 L
Engine Coolant	50 L
Engine Oil	24 L
Hydraulic Oil	170 L
Transmission	38 L
Balance Box	60 L
Drive Axle	36 L

## WEIGHT

Standard Operating Weight	15000 kg
---------------------------	----------

## MOLDBOARD

Width	3660 mm
Height	610 mm
Thickness	TBC
Moldboard Profile	ARC
Blade Side Shift (Left / Right)	650 / 650 mm
Max Bank Cutting Angle	F - 40° / R - 5°
Blade Side Shift & Pitch Movement	Hydraulically Operated

## STEERING

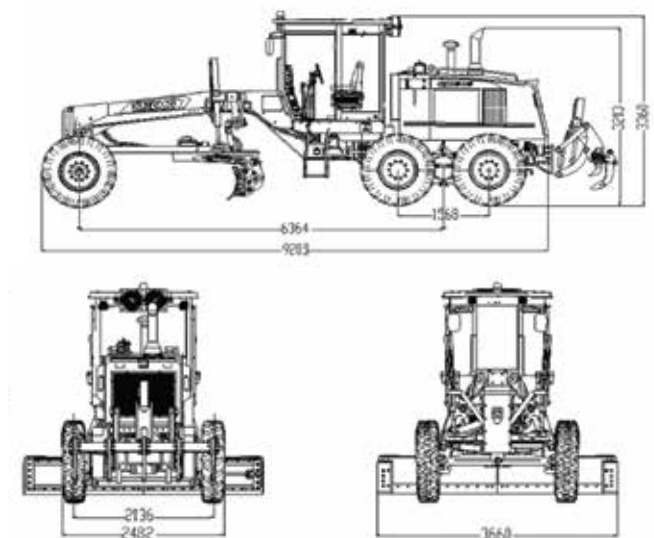
Type	Full Hydraulic
Turing Radius	7200 mm
Steering Angle	(+/-) 20°
Front Wheel Inclination Angle	(+/-) 18°
Front Axle Swing Angle	(+/-) 16°

## DIMENSIONS

Wheelbase	6364 mm
Overall Length	9203 mm
Overall Height	3360 mm
Tyre Size	14.00 - 24.00
Front Axle Clearance	586 mm
Ground Clearance	410 mm

## ATTACHMENTS

Dozer Blade	OPT
Mid Scarifier	OPT
Rear Ripper	OPT



## SCHWING Stetter (India) Private Limited

F71/72 SIPCOT Industrial Estate, Irungattukottai,  
Kanchipuram District - 602117, Tamil Nadu, India.  
Mobile +91 9176606120, Landline +91 (44) 71378106  
enquiry@schwingstetterindia.com  
www.schwingstetterindia.com  
CIN No. U45309TN1998PTC046270

Authorised Dealer :