

# GR1705

## MOTOR GRADER

ENGINE POWER	158 - 178 hp
ENGINE MAKE	- Weichai
MOLDBOARD LENGTH	- 3660 mm
OPERATING WEIGHT	- 15000 kg
CABIN	- HVAC



# GR1705

## MOTOR GRADER



### RELIABLE TRANSMISSION

- ◆ Automatic ZF Power Shift Transmission
- ◆ Electro Hydraulically Controlled for smooth shifts

### INTELLIGENT HYDRAULICS

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

### SUPERIOR TECHNOLOGY

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

### 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

### REAR AXLE

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

# SPECIFICATION

# GR1705

## 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	F21 / R1
Max Travel Speed km/hr (Fwd/Rev)	40/17 Km/Hr

## 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 CAPACITIES

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

## WEIGHT

Standard Operating Weight	15000 kg
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## 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

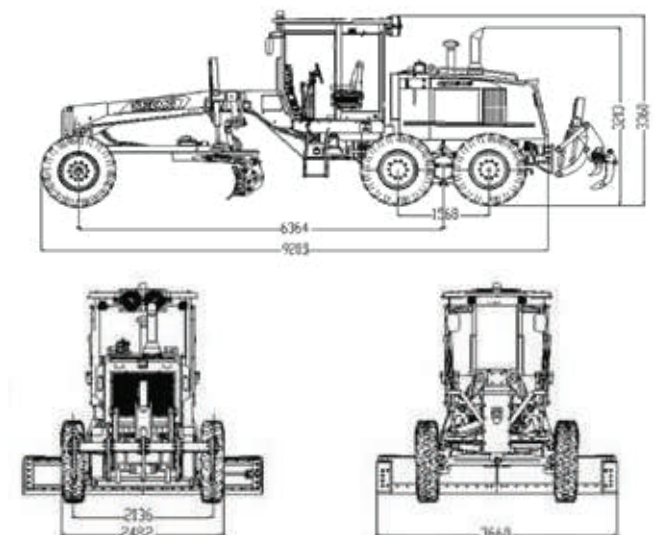
Type	Full Hydraulic
Turing Radius	7200 mm
Steering Angle	(+/-) 20°
Front Wheel Inclination Angle	(+/-) 18°
Front Axle Swing Angle	(+/-) 16°

## DIMENSIONS

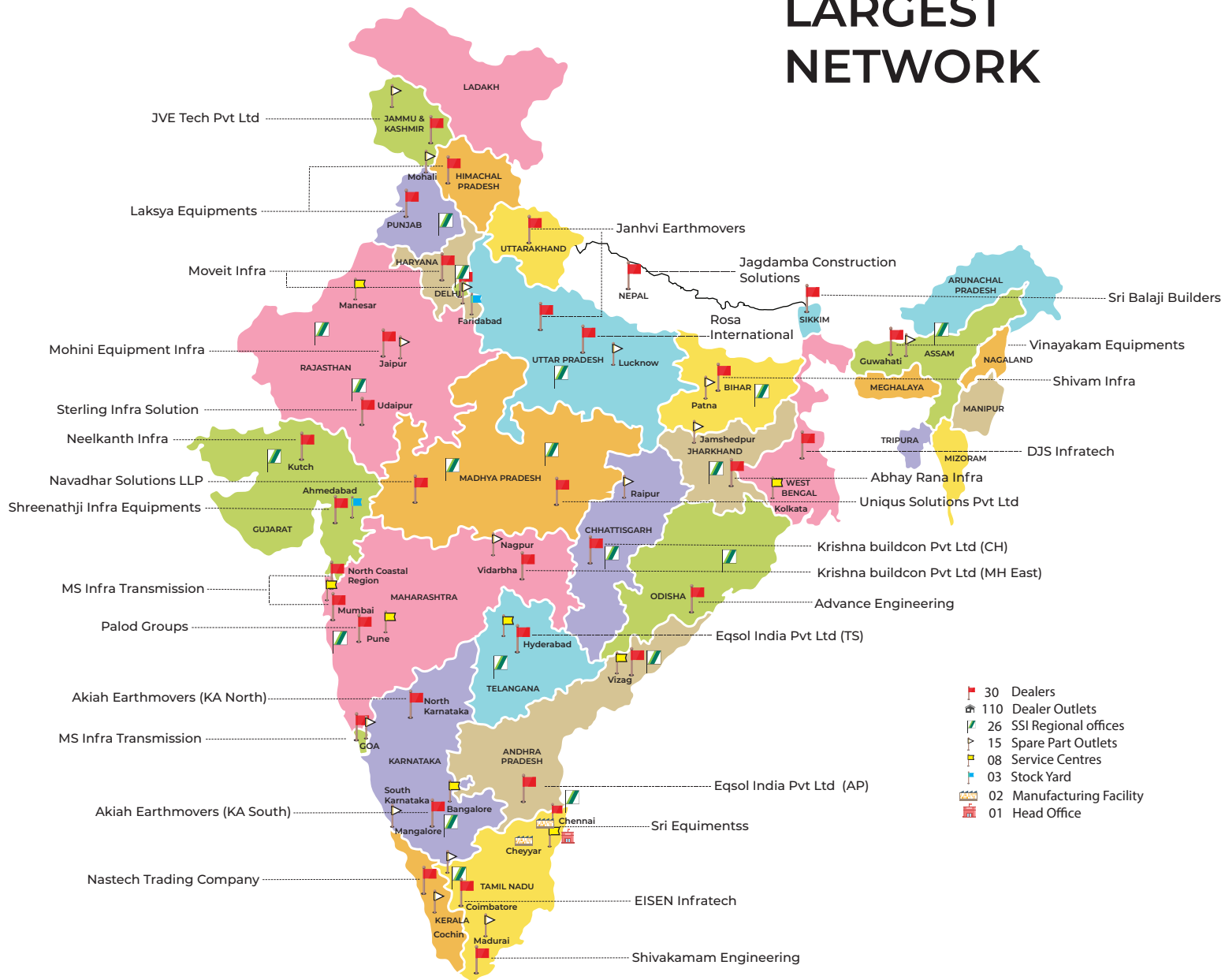
Wheelbase	6364 mm
Overall Length	9203 mm
Overall Height	3360 mm
Tyre Size	14.00 - 24.00
Front Axle Clearance	586 mm
Ground Clearance	410 mm

## ATTACHMENTS

Dozer Blade	OPT
Mid Scarifier	OPT
Rear Ripper	OPT



# LARGEST NETWORK



## SCHWING STETTER (INDIA) PRIVATE LIMITED

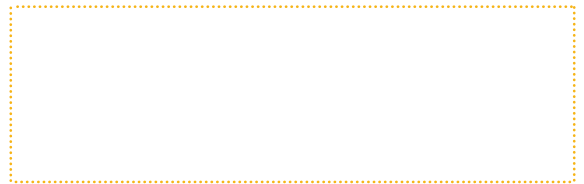
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## AUTHORISED DEALER



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