

# KOMATSU

PRELIMINARY

**GD**  
**555**



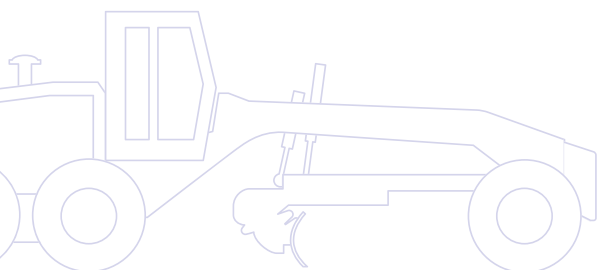
**KOMTRAX™**

## Motor Grader **GD555-5**

**ENGINE POWER**  
120-146 kW / 161-196 HP @ 2.000 rpm

**OPERATING WEIGHT**  
15.135 kg

**BLADE LENGTH**  
3,71 m



# Motor Grader

## GD555-5

**Exceptional visibility by hexangular cab with front Y shape pillar and rear layout side pillar (patent pending)**

**Torque convertor with lock-up function provides smoother operation at low speed and prevents engine stalling.**

**Outstanding fuel economy due to**

- Mode selection system
- Engine speed control
- Automatic transmission with lock-up torque convertor
- Engine with variable horse power for best power/speed ratio

**Aggressive moldboard angles thanks to a long wheel base**

**Small turning radius**

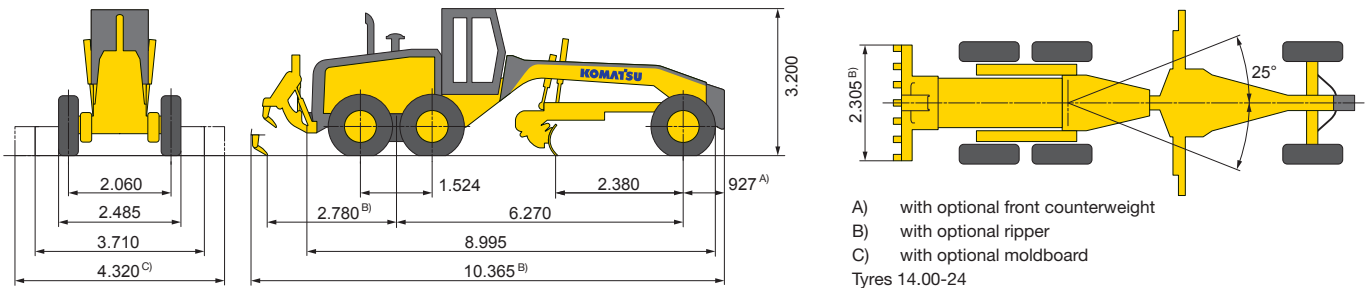
**Excellent blade controllability with multifunctional control valves**

**Hydraulic driven, reversible cooling fan**

**Easy maintenance**



### DIMENSIONS



### ENGINE

Model .....	Komatsu SAA6D107E-1
No. of cylinders .....	6
Engine power (ISO 14396) (Manual mode/Power mode)	
Gear 1-3 .....	120 kW 161 HP @ 2.000 rpm
Gear 4-6 .....	134 kW 179 HP @ 2.000 rpm
Gear 7-8 .....	146 kW 196 HP @ 2.000 rpm

### STEERING SYSTEM

Minimum turning radius.....	7,3 m
Maximum steering range, right or left .....	49°
Articulation .....	25°

### FRONT AXLE

Ground clearance at pivot.....	620 mm
Wheel lean angle, right or left.....	16°
Oscillation, total.....	32°

### TANDEM DRIVE

Tandem oscillation.....	11° forward, 13° reverse
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### MOLDBOARD

Hydraulic power shift fabricated from high carbon steel. Includes replaceable metal wear inserts, cutting edge and end bits.  
 Dimensions..... 3.710 × 645 × 19 mm  
 Arc radius .....329 mm  
 Cutting edge.....152 × 16 mm

### CIRCLE

Diameter (outside) .....	1.530 mm
Circle reversing control hydraulic rotation.....	360°

### BLADE RANGE

Circle center shift (Blade width 3.710 mm):	
Right/Left .....	590/550 mm
Moldboard side shift:	
Right/Left .....	820/820 mm
Maximum shoulder reach outside rear tyres (frame straight)	
Right/Left .....	2.000/1.960 mm
Maximum lift above ground.....	480 mm
Maximum cutting depth .....	615 mm
Maximum blade angle, right or left.....	90°
Blade tip angle .....	40° forward, 5° backward

**– PRELIMINARY VERSION. ALL DATA NON-BINDING. –**