

KOMATSU

GD675-7

EU Stage V Engine

MOTOR GRADER

PRELIMINARY



GD675

ENGINE POWER

165 kW / 221 HP @ 2.100 rpm

OPERATING WEIGHT

17.350 kg
19.220 kg (with ripper and front dozer)

BLADE LENGTH

4,27 m

Walk-Around

INCREASED PRODUCTIVITY & OUTSTANDING FUEL ECONOMY

GD675-7



Images may display optional equipment or specifications not available in your area.

High Productivity & Low Fuel Consumption

NEW

- Low consumption EU Stage V engine
- Eco guidance & auto idle stop
- Engine with variable horse power for best power/speed ratio
- Smooth and powerful low-speed operations with torque converter engine stall prevention

Reliability & Maintenance

- Multifunction monitor with troubleshooting function
- Easy access AdBlue® tank
- Hydraulic driven, reversible cooling fan

First-Class Operator Comfort

NEW

- Fingertip EPC work equipment control

NEW

- Steering lever & steering wheel combination

NEW

- “Stop-at-centre” articulation

NEW

- Fully adjustable air-suspended seat

NEW

- Electrically adjustable arm console

NEW

- Improved front visibility
- Hexagonal cab for exceptional all-round visibility
- Rear-view camera
- Quiet and spacious operator environment

State-of-the-Art Controls

NEW

- Shift Lever and F-N-R switch

NEW

- Gearshift presetfunction

NEW

- Provision for Topcon Machine Control

Optimised Work Equipment

- Long wheel base and short turning radius
- Versatile moldboard geometry
- Excellent blade controllability with multifunctional control valves
- Blade lift accumulators
- Reinforced blade circle and resin wear plates

KOMTRAX

- Komatsu Wireless Monitoring System
- 3G mobile communications
- Integrated communication antenna
- Increased operational data and fuel savings



Complimentary maintenance program for customers

Engine

Model	Komatsu SAA6D107E-3
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
No. of cylinders	6
Bore x stroke	107 x 124 mm
Displacement	6,69 l
Fan drive type	Hydraulic, reversible
Engine power	
(Power mode ISO 14396)	
Gear 1-3	136 kW / 183 HP @ 2.000 rpm
Gear 4-6	152 kW / 203 HP @ 2.000 rpm
Gear 7-8	165 kW / 221 HP @ 2.100 rpm
(Economy mode ISO 14396)	
Gear 1-6	136 kW / 183 HP @ 2.000 rpm
Gear 7-8	165 kW / 221 HP @ 2.100 rpm
(Power mode SAE J1349)	
Gear 1-3	134 kW / 180 HP @ 2.000 rpm
Gear 4-6	149 kW / 200 HP @ 2.000 rpm
Gear 7-8	162 kW / 218 HP @ 2.100 rpm
(Economy mode SAE J1349)	
Gear 1-6	134 kW / 180 HP @ 2.000 rpm
Gear 7-8	162 kW / 218 HP @ 2.100 rpm
Max. torque / engine speed	941 Nm / 1.450 rpm
Torque rise	30%

Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
------------------	---

Hydraulic system

Output (at rated speed)	203 l/min
Max. system pressure	20,6 MPa / 210 kg/cm ²

Circle

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

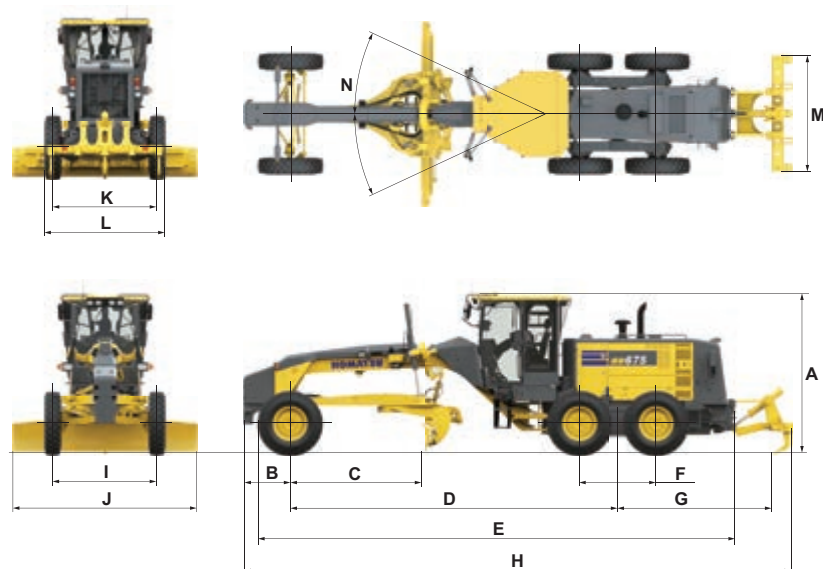
Moldboard

Dimensions	4.270 x 580 x 25 mm
Arc radius	432 mm
Cutting edge	152 x 16 mm
Replaceable / Reversible side edges	156 x 16 x 456 mm
Blade pull (with ripper)	11.360 kgf
Blade down pressure (with ripper)	8.760 kgf

Blade range

Moldboard side shift	
Right	625 mm
Left	625 mm
Maximum shoulder reach outside rear tyres (frame straight)	
Right	2.480 mm
Left	2.590 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

DIMENSIONS



A Height: Low profile cab	3.200 mm
B Center of front axle to counterweight (Pusher)	930 mm
C Cutting edge to center of front axle	2.580 mm
D Wheelbase to center of tandem	6.495 mm
E Front tire to rear bumper	9.510 mm
F Tandem wheelbase	1.525 mm
G Center of tandem to back of ripper	3.065 mm
H Overall length	10.875 mm
I Tread (Front)	2.170 mm
J Width of standard moldboard	4.270 mm
K Tread (Rear)	2.160 mm
L Width over tires	2.680 mm
M Ripper beam width	2.305 mm
N Articulation, left or right	25°