



Introducing

KOMATSU GD535-6

MOTOR GRADER

Monitor your Machine with

KOMTRAX

Information & Communication Technology



CEV-V

Compliant Engine

Exceptional Working Ability and Environmental Performance

High Reliability | Superior Comfort | Easy Serviceability

SALIENT FEATURES

- Komatsu's new CEV Stage - V emission regulation compliant engine
- Auto-manual selectable lock-up torque convertor transmission
- Longer wheel-base and shorter turning radius
- Maintenance-free battery on elevated bay with disconnect switch
- High resolution 3.5" LCD colour monitor with Komtrax machine management
- Slip clutch circle drive to protect work equipment
- Scarifier attachment for digging hard material which cannot be removed by blade
- Hydraulic blade tip control. The angle is freely controlled while the grader is engaged in production
- Improved cooling efficiency and noise reduction by adopting reversible hydraulically-driven fan
- Newly enhanced safety with engine shut secondary switch, seat belt caution, work equipment – lock lever
- Suspension seat for enhanced vibration absorption with height adjustment
- Easy Ground level re-fuelling which eliminates the need for climbing on the tandem
- Made by Komatsu in Japan and ably serviced / supported by L&T

Gross HP : 148 HP/2000 rpm

Net HP : 144 HP/2000 rpm

Operating Weight : 15,140 kg

Blade Length : 3.71 m

Wheel-Base : 6.1m

Engine	
Model	Komatsu SAA4D107E-5
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged and air to air aftercooled
No. of cylinders	4
Bore	107 mm
Stroke	124 mm
Piston displacement	4.46 L
Engine power (Manual mode)	
SAE J1995	Gross 110 kW 148 HP/2000 min ⁻¹
ISO 9249 (net engine power)	Net 107 kW 144 HP/2000 min ⁻¹
Maximum torque	640 Nm 65.3 kgf-m/1500 min ⁻¹
Moldboard	
Hydraulic power shift fabricated from steel. Includes replaceable metal wear inserts, cutting edge and end bits. Cutting edge and end bits are hardened.	
Dimensions	3710 mm x 645 mm x 22 mm
Arc radius	329 mm
Cutting edge	152 mm x 16 mm
Replaceable/Reversible side edges	229 mm x 496 mm x 13 mm
Blade pull	8560 kgf
Blade down pressure	6905 kgf
Blade range	
Moldboard side shift:	
Right	625 mm
Left	625 mm
Maximum shoulder reach outside rear tires (frame straight)	
Right	1975 mm
Left	1905 mm
Maximum lift above ground	500 mm
Maximum cutting depth	545 mm
Maximum blade angle, right or left	90°
Blade tip angle	40° forward, 3° backward
Hydraulics	
Hydraulic pumps:	
Gear pump for work equipment steering control Capacity (at engine rated rpm) 77 L/min	
Relief valve setting:	
Work equipment	19.1 MPa 195 kgf/cm ²
Steering	17.7 MPa 180 kgf/cm ²
Front axle	
Type	Solid bar construction welded steel sections
Ground clearance at pivot	600 mm
Wheel lean angle, right or left	16°
Oscillation, total	32°

Rear axle	
Alloy steel, heat treated, full floating axle.	
Steering	
Hydraulic power steering providing stopped engine steering meeting ISO 5010.	
Minimum turning radius	7.0 m
Maximum steering range, right or left	49°
Articulation	25°
Brakes	
Service brake	Foot operated, wet multiple-disc brakes, hydraulically actuated on four tandem wheels.
Parking brake	Manually actuated, spring applied, hydraulically released caliper disc type.
Capacities	
Fuel tank	224 L
DEF tank	36 L
Cooling system	21.6 L
Crank case	14.2 L
Transmission	45 L
Final drive	13 L
Tandem housing (each)	51 L
Hydraulic system	51.5 L
Circle reverse housing	4.1 L
Operating weight (approximate)	
Includes lubricants, coolant, full fuel tank, ROPS/FOPS canopy, 14.00-24 tires and multi piece rims, Scarifier.	
Total	15140 kg
On front wheels	4400 kg
On rear wheels	10740 kg
Frame	
Front Frame Structure	
Height	300 mm
Width	280 mm
Side	22 mm
Upper, Lower	28 mm
Scarifier	
Middle, V-type	
Working width	1065mm
Scarifying depth, maximum	180 mm
Scarifier shank holders	9
Scarifier shank holders spacing	130 mm

Specifications are subject to change without notice.



Marketed & Serviced by:

L&T Construction Equipment

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