

## Introducing KOMATSU GD535-6

**MOTOR GRADER** 



Exceptional Working Ability and Environmental Performance

High Reliability | Superior Comfort | Easy Serviceability

**LIENT 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
Туре	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 <sup>-2</sup>
ISO 9249 (net engine power)	Net 107 kW 144 HP/2000 min <sup>-2</sup>
Maximum torque	640 Nm 65.3 kgf·m/1500 min-1
Moldboard	
Hydraulic power shift fabricated from inserts, cutting edge and end bits. Cu	steel. Includes replaceable metal wear tting edge and end bits are hardened.
Dimensions	3710 mm x 645 mm x 22 mm
Arc radius	329 mm
Cutting edge	152 mm x16 mm
Replaceable/Reversible side edges	229 mm x 496 mm x13 mm
Blade pull	8560 kg
Blade down pressure	69 <b>0</b> 5 kg
Blade range	
Moldboard side shift:	
Right	625 mm
Left	625 mm
Maximum shoulder reach outside rea	r 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 c	ontrol Capacity (at engine rated rpm) 77 L/mi
Relief valve setting:	
Work equipment	19.1 MPa 195 kgf/cm <sup>2</sup>
Steering	17.7 MPa 180 kgf/cm <sup>2</sup>
Front axle	
Type So	lid bar construction welded steel sections
**	
Ground clearance at pivot	600 mm

Alloy steel, heat treated, f	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	361	
Cooling system	21.61	
Crank case	14.2	
Transmission	45	
Final drive	13	
Tandem housing (each)	51	
Hydraulic system	51.5	
Circle reverse housing	4.11	
Operating weight (app	proximate)	
Includes lubricants, coola 14.00-24 tires and multi p	nt, full fuel tank, ROPS/FOPS canopy, piece rims, Scarifier.	
Total	15140 kg	
On front wheels	44 <b>0</b> 0 kg	
On rear wheels	10740 kg	
Frame		
Front Frame Structure		
Height	300 mn	
Width	280 mn	
Side	22 mn	
Upper, Lower	28 mn	
Scarifier		
Middle, V-type		
Working width	1 <b>0</b> 65mm	
Scarifying depth, maximun	n 18 <b>0</b> mm	
Scarifier shank holders	9	
Scarifier shank holders spa	cing 130 mm	



Marketed & Serviced by:

32°

## **L&T Construction Equipment**

## **Larsen & Toubro Limited**

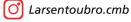
1st Floor Lakshminarayan Complex, 10/1 Palace Road, Bengaluru- 560 052 Tel: (080) 40401700 Equip Care - 1800 833 9990

Rear axle

Visit: www.Lntcmb.com



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