

KOMATSU®

MOTOR GRADER

GD675-5

HORSEPOWER

Gross: 165 kW 221 hp / 2,100 min⁻¹

Net: 163 kW 218 hp / 2,100 min⁻¹

OPERATING WEIGHT

15,955 kg (with ripper 17,885 kg)

BLADE LENGTH

4.32 m



ORIGIN JAPAN / KLTD

Photos may include optional equipment

GD675-5

WALK-AROUND

**ENGINE
POWER
221 hp**



*Photo may include optional equipment

PRODUCTIVITY

- »Long wheelbase & short turning radius.
- »Optimized hydraulic & cooling system.

CONTROL

- »Outstanding power transmitting system.

COMFORT

- »Excellent visibility.
- »Spacious interior.

SERVICEABILITY

- »Machine monitoring system.
- »Easy maintenance design.

KOMTRAX

- »Energy saving operation report.
- »Equipment management support.
- »Optimal strategy for efficient work.

ECOLOGY & ECONOMY

- »Engine power mode selection system.
- »Circumference dynamic noise.

HORSEPOWER

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I DASH 5 SERIES MOTOR GRADERS



»The perfect fit for the jobsite

- »Most of motor grader applications requires accuracy and versatility. For that, motor graders should be easy to operate in any situations of work.
- »To realize this ease of operation, Komatsu dash 5 series motor graders are totally improved from overview design down to each element.
- »Our design philosophy contributes to our motor graders fitting in every jobsites from road construction to snow removal, and brings more productivity to every operators from beginner to expert.

»Get more versatility

- »The GD675-5 attempts to get more versatility in the middle class graders which are used in various jobsites. With variety of work equipments and stretched wheel-base that is easier to accommodate longer blade, all elements are enhance job efficiency.
- »Moreover, the torque converter transmission provides easy control, resulting in more precise operation in any application.



I PRODUCTIVITY



»Long wheelbase & short turning radius

»The long wheelbase enables high leveling performance with a long blade and easier to set the blade position. Long wheelbase also contributes to expanding blade reach in combination with large articulation angle. Additionally the minimum turning radius still short with wide steering angle, serves high maneuverability.

»Optimized hydraulic & cooling system

•Control valve

»Komatsu multifunctional control valve with closed load sensing system (CLSS) hydraulic system enable the constant cylinder speed, excellent multifunctional operation ability and fine control.

1) Low operating effort

»Implement controls are designed to reduce operator fatigue. They feature short lever throws and effort in both directions. Properly spaced control levers and short lever throws allow the operator to use multiple controls with one hand.

2) Balanced flow

»When the operator uses several controls at the same time, flow is proportional to ensure several implements can operate simultaneously.

3) Constant implement speed

»Implement speed is constant regardless of engine speed because of the large pump output and proportional flow control function.

4) Power on demand

»Normally, the variable displacement pump idles at low output. When it senses a load requirement, the pump supplies quick flow and pressure to match the demand.

»The result is less hydraulic system heat, quick response and lower fuel consumption.

5) Hydraulic cooling fan

»The newly designed cooling fan eliminates excessive cooling capacity by controlling air flow rate according to work load.

CONTROL



»Outstanding power transmitting system

»The GD675-5 features Lock-up torque converter transmission for pursuing ease of operation. This unique system provides both efficiency of direct drive and controllability of torque converter drive. With this outstanding power transmitting system, the GD675-5 delivers advanced productivity in any applications from fine grading to heavy grading.

»Torque converter features

High controllability

- »Eliminates engine stalling and inching pedal operation.
- »Smooth starting, good controllability in fine grading.
- »Easy travelling, automatic gear shifting.
- »Reduce excessive tire slipping.

Torque multiplication

- »Multiply over twice torque, provides much torque in heavy grading, ditching and ripping.
- »Stable engine speed, reduce shift changing during road maintenance and snow removal.

Lock-up function

- »Prevents loss of efficiency.



»Transmission mode selection

»There is two transmission mode to enhance productivity. With the push of a button, transmission mode is selected to fit in working condition and preference of operators.

•Auto mode

»Drive with torque converter in all shift position. This mode maximizes torque converter benefits. Lock-up will works in F5-F8 and R3-R4 position. Shifting F8 position serves automatic shifting through F4-F8 in responsible to machine speed.

•Manual mode

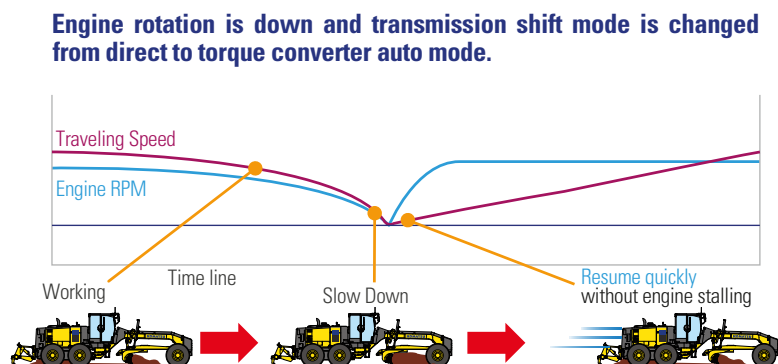
»Works like a same way as conventional power shift, by engaging lock up clutch with all gears. This mode maximizes efficiency of direct shifting. In reverse travelling, works same way as Auto mode, serves less shift lever operation frequency.

	Shift lever position									Shift lever position			
	F1	F2	F3	F4	F5	F6	F7	F8		R1	R2	R3	R4
Auto mode	○	○	○	○	Automatic shifting					○	○	Automatic shifting	
Manual mode	●	●	●	●	●	●	●	●		○	○	Automatic shifting	

● : Lock-up clutch engaging

»Anti stall

»Prevents engine stalling while Lock-up by automatically disengaging the lock up clutch and shifting to torque converter state. Torque converter provides much torque to continue to work as it is, never needs to restart the engine and shift the gear.



»Creep mode

»Torque converter transmission introduces creep mode which provides constant low speed without acceleration and brake control. Optimized machine speed and great stability of torque converter boosts up precise control during fine grading.

»Power train protection

»Electronic over-speed protection prevents downshifting until reducing the travel speed to the safe range of shift changing. FR inhibitor restricts excessive shuttle shifting at high traveling speed.

»Reduce shift shock for driving comfort

»Torque Converter allows to absorb torque fluctuation of the engine. Even in shifting the gear during lock up, torque converter temporally absorb shift shock and contributes high driving comfort.

COMFORT



»Excellent visibility

»Excellent visibility by hexangular cab with front Y shape pillar and rear layout side pillar boost operator's confidence and productivity in all grader applications. Well-positioned blade linkage provides an unobstructed view of the moldboard and front tires. The tapered engine hood provides good visibility to the rear of the machine, especially the rear ripper.

»ROPS cab



»Low profile cab is designed to ensure ROPS/FOPS (ISO 3471/ISO 3449) certification.



Rear (ripper) view from the cab.

»Spacious interior

»Low noise

»New hydraulically driven fan and redesigned layout of the cooling system achieve a low noise level.

Operator's ear dynamic
noise level
(ISO 6396)

74 dB (A)

»Suspension seat

»The suspension, fabric covered seat which is adjustable to the operator's weight is provided as standard. The suspension seat dampens vibrations transmitted from the machine and reduces operator fatigue. The seat features fold-up armrests and a retractable seat belt.



»Air conditioner

»Well-positioned air conditioning vents keep the operator comfortable through a wide range of outside conditions.



»Electric throttle control

»The RPM mode select switch allows the operator to perfectly match the working condition by selecting between three modes: Auto, Off and Manual. The engine speed set by throttle switch is temporarily cancelled when operating the brake/acceleration pedal at Auto mode.



»Storage space

»The cab includes built-in storage space for personal items such as a lunch box, coffee cup, and a coat hook.



»Adopted DC 12 V electrical outlet (optional)

»12 V DC outlets is included in the operator's cab.

»Adjustable control console

»The control console is adjustable backward and forward to facilitate entry and exit from the cab. The steering wheel also tilts to the operators preference.

SERVICEABILITY

»Machine monitoring system

»The machine monitor displays various machine information and allows for various settings of the machine. Displays maintenance information, operation records, etc. By using the switch panel, you can display various user menus on the liquid crystal display (LCD) unit screen and perform the settings of the machine.



- 1 Gear position
- 2 Speed meter
- 3 ECO indicator
- 4 Power mode indicator

- 5 Character display
 - Service meter.
 - Odometer.
 - Maintenance information.
 - Error code.
 - Fuel consumption information.

Clear character display

»During normal operation, the service meter/odometer is displayed in this area. If an abnormality or machine overload occurs, or if machine maintenance and inspection are required, action codes appear on the display to allow the operator to take appropriate action.

»Easy maintenance design

»Accessibility to service areas

- Easy and more safety refueling from the ground.
- Large hinged service door serves wide inspection area.
- Service meter is integrated with the machine monitor.
- Distinguishable fuse panel in the cab.
- Tandem oil check points is easy to access.
- Spin-on filters for quick replacing.
- Oil drains located near ground.

»Power train components

»With a modular design, you can remove the engine, transmission or final drives independently for quick service.

»Disconnect switch

»For inspection and maintenance, the batteries can be disconnected with this switch when repairing the machine or checking batteries.

Ground refueling



Disconnect switch

ECOLOGY & ECONOMY



Komatsu technology



»Komatsu uniquely develops all major components including total control system, like engines, electronics, and hydraulic components.
 »With this “Komatsu technology” and continuous customer feedback, Komatsu has been achieving great advancements of technology.
 »This resulted in new generation of high performance and environmentally friendly products.

»High performance engine

»Powerful turbocharged and air-to-air aftercooled Komatsu SAA6D107E-1 engine provides 163 kW 218 hp. This engine realizes high power with low fuel consumption by common rail injection system (CRI), and thus it delivers higher work speeds with high horsepower. In addition, high torque at low speed, impressive acceleration, and low fuel consumption ensure maximum productivity.
 »This engine is U.S. EPA Tier 3 and EU Stage 3A emissions certified.

»Engine power mode selection system

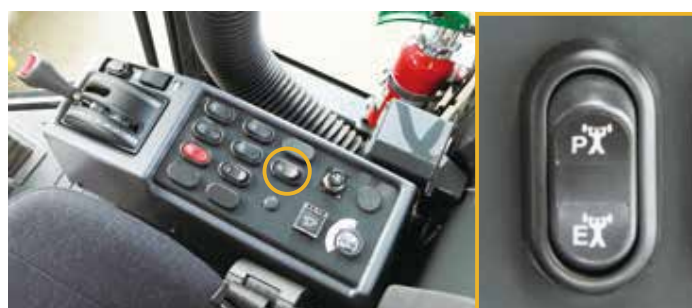
»The system allows selection of the appropriate mode between two modes E or P mode according to each working condition. The mode is easily selected with a switch in the operator’s cab.

•P mode

»Greater productivity can be attained by taking full advantage of high output power. It is appropriate for job sites where the motor grader meets high resistance.

•E mode

»This mode is selected for maximum economy and lighter work applications. This feature provides the appropriate power and better fuel consumption.



unit: kW (hp)

	P mode		E mode	
	Auto	Manual	Auto	Manual
F1	134 (180)	134 (180)	108 (145)	108 (145)
F2				
F3				
F4	149 (200)	149 (200)	134 (180)	134 (180)
F5				
F6				
F7	163 (218)	163 (218)	149 (200)	149 (200)
F8				
R1	134 (180)	134 (180)	108 (145)	108 (145)
R2				
R3	149 (200)	149 (200)	134 (180)	134 (180)
R4				

»Circumference dynamic noise

»The dynamic circumference noise is lowered by various kind of countermeasures like the hydraulic driven cooling fan, the variable displacement pump and etc.

Circumference dynamic
noise level
(ISO 6395)

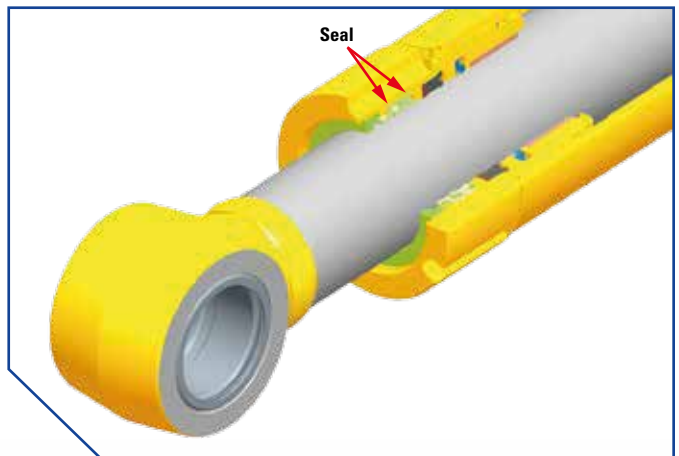
111.4 dB (A)



Hydraulic driven cooling fan

»Double seal cylinder (blade side shift cylinder)

»A double-seal design is used for the blade side shift cylinder, which is installed near the ground, and thus susceptible to damage by dirt. Environmentally friendly by preventing oil leakage from the cylinder.



*Photo may include optional equipment.

WORK EQUIPMENTS



»Komatsu genuine work equipment

•Moldboard options

»Available both 3.7 m (12 ft) and 4.3 m (14 ft) moldboards. Optional thicker blades are also available for heavy duty application.

•Front blade

»The front blade is a front mounted equipment used for spreading materials such as gravel piles or blading at the front of the machine where is difficult to access with the moldboard.

•Ripper and scarifier

»Digs up hard material cannot be removed by the moldboard. The scarifier can accommodate up to 11 teeth, the ripper also accommodate up to 5 shanks and 9 scarifier teeth.



KOMATSU TOTAL SUPPORT



»Komatsu total support

»To keep your machine available and minimize operation cost when you need it, Komatsu Distributor is ready to provide variety of support before and after procuring the machine.

»Fleet recommendation

»Komatsu Distributor can study the customer's job site and provide the most optimum fleet recommendation with detailed information to meet all of your application needs when you are considering to buy new machines or replace the existing ones from Komatsu.

»Product support

»Komatsu Distributor gives the proactive support and secures the quality of the machinery that will be delivered.

»Parts availability

»Komatsu Distributor is available for emergency inquiry by the customers for genuine, quality guaranteed Komatsu parts.

»Technical support

»Komatsu product support service (technical support) are designed to help customer. Komatsu Distributor offers a variety of effective services how much Komatsu is dedicated to the maintenance and support of Komatsu machine.

- Preventive maintenance (PM) clinic.
- Oil & wear analysis program.

»Repair & maintenance service

»Komatsu Distributor offers quality repair and maintenance service to the customer, utilizing and promoting Komatsu developed programs.

»Komatsu Reman (remanufactured) components

»Komatsu Reman products are the result of the implementation of the Komatsu global policy which establishes and agrees to reduce the owning, operating and total life cycle costs (LCC) to Komatsu's customer through high quality, prompt delivery and competitively priced in own remanufactured products (QDC).

SPECIFICATIONS



ENGINE

MODEL	Komatsu SAA6D107E-1.
TYPE	Water-cooled, 4-cycle, direct injection.
ASPIRATION	Turbocharged and air to air aftercooled.
NUMBER OF CYLINDERS	6.
BORE	107 mm.
STROKE	124 mm.
PISTON DISPLACEMENT	6.69 L.
GROSS HORSEPOWER (MANUAL MODE)	
P - MODE	
GEAR 1 - 3	136 kW 183 hp / 2,000 min ⁻¹ .
GEAR 4 - 6	151 kW 203 hp / 2,000 min ⁻¹ .
GEAR 7 - 8	165 kW 221 hp / 2,100 min ⁻¹ .
E - MODE	
GEAR 1 - 3	110 kW 148 hp / 2,000 min ⁻¹ .
GEAR 4 - 6	136 kW 183 hp / 2,000 min ⁻¹ .
GEAR 7 - 8	151 kW 203 hp / 2,100 min ⁻¹ .
NET FLYWHEEL HORSEPOWER* (MANUAL MODE)	
P - MODE	
GEAR 1 - 3	134 kW 180 hp / 2,000 min ⁻¹ .
GEAR 4 - 6	149 kW 200 hp / 2,000 min ⁻¹ .
GEAR 7 - 8	163 kW 218 hp / 2,000 min ⁻¹ .
E - MODE	
GEAR 1 - 3	108 kW 145 hp / 2,000 min ⁻¹ .
GEAR 4 - 6	134 kW 180 hp / 2,000 min ⁻¹ .
GEAR 7 - 8	149 kW 200 hp / 2,000 min ⁻¹ .
MAXIMUM TORQUE	941 N-m 96.0 kg-m / 1,450 min ⁻¹ .
TORQUE RISE	31%.
FAN SPEED	Max. 1,500 min ⁻¹ .
AIR CLEANER	2-stage, dry-type.
ELECTRICAL	24 V with 60 A alternator.
BATTERY	2, low maintenance plus, 12 V, 1146 cca.

*Net horsepower output for standard (SAE J1349) including air cleaner, alternator (not charging), water pump, lubricating oil, fuel pump, muffler and fan running at minimum speed. EPA Tier 3 and EU Stage 3A emissions certified.



TRANSMISSION AND TORQUE CONVERTER

Full power shift transmission with integral free wheeling stator torque converter and lock-up.

Speeds (at rated engine speed)

Gear	Forward	Reverse
1st	3.4 km/h	4.5 km/h
2nd	5.0 km/h	9.2 km/h
3rd	7.0 km/h	20.3 km/h
4th	10.2 km/h	40.3 km/h
5th	15.4 km/h	—
6th	22.3 km/h	—
7th	30.6 km/h	—
8th	44.3 km/h	—



TANDEM DRIVE

OSCILLATING WELDED BOX SECTION	520 mm x 202 mm.
SIDE WALL THICKNESS: INNER	22 mm.
OUTER	19 mm.
WHEEL AXLE SPACING	1,525 mm.
TANDEM OSCILLATION	11° forward, 13° reverse.



FRONT AXLE

TYPE	Solid bar construction welded steel sections.
GROUND CLEARANCE AT PIVOT	620 mm.
WHEEL LEAN ANGLE, RIGHT OR LEFT	16°.
OSCILLATION, TOTAL	32°.



REAR AXLE

Alloy steel, heat treated, full floating axle with lock / unlock differential.



STEERING

Hydraulic power steering providing stopped engine steering meeting ISO 5010.

MINIMUM TURNING RADIUS	7.4 m.
MAXIMUM STEERING RANGE, RIGHT OR LEFT	49°.
ARTICULATION	25°.



BRAKES

SERVICE BRAKE Foot operated, sealed oil disc brakes, hydraulically actuated on four tandem wheels. 13,691 cm² total braking surface.

PARKING BRAKE Manually actuated, spring applied, hydraulically released caliper.



FRAME

FRONT FRAME STRUCTURE	
HEIGHT	300 mm.
WIDTH	300 mm.
SIDE	14 mm.
UPPER, LOWER	25 mm.



DRAWBAR

A-shaped, u-section press formed and welded construction for maximum strength with a replaceable drawbar ball.

DRAWBAR FRAME 210 mm x 25 mm.



CIRCLE

Single piece rolled ring forging. Four circle support shoes with replaceable wear surface. Circle teeth hardened on front 180° of circle.

DIAMETER (OUTSIDE)	1,530 mm.
CIRCLE REVERSING CONTROL HYDRAULIC ROTATION	360°.



MOLDBOARD

Hydraulic power shift fabricated from high carbon steel. Includes replaceable metal wear inserts, cutting edge and end bits.

Cutting edge and end bits are hardened.

DIMENSIONS	4,320 mm x 645 mm x 19 mm.
ARC RADIUS	329 mm.
CUTTING EDGE	152 mm x 16 mm.
BLADE PULL	
BASE GTW	9,265 kg.
WITH SCARIFIER GTW	9,330 kg.
WITH RIPPER GTW	10,140 kg.
BLADE DOWN PRESSURE	
BASE GTW	7,270 kg.
WITH SCARIFIER GTW	8,210 kg.
WITH RIPPER GTW	8,655 kg.



BLADE RANGE

CIRCLE CENTER SHIFT:	
RIGHT	590 mm.
LEFT	590 mm.
MOLDBOARD SIDE SHIFT:	
RIGHT	1,125 mm.
LEFT	1,125 mm.
MAXIMUM SHOULDER REACH OUTSIDE REAR TIRES (FRAME STRAIGHT)	
RIGHT	2,500 mm.
LEFT	2,500 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.



HYDRAULICS

Load-sensing closed center hydraulics with variable displacement piston pump. Short stroke/low effort direct acting control valves with preselected maximum flow setting to each function. Double acting anti-drift check valves on blade lift, tip, circle shift, articulation, and leaning wheels.

OUTPUT (AT ENGINE RATED RPM)	200 L/min.
STANDBY PRESSURE	3.4 MPa 35 kg / cm ² .
MAXIMUM SYSTEM PRESSURE	20.6 MPa 250 kg / cm ² .



INSTRUMENT

ELECTRIC MONITORING SYSTEM WITH DIAGNOSTICS. GAUGES:

STANDARD Articulation, engine coolant temperature, fuel level, speed meter, T/M shift indicator, engine tachometer torque converter oil temperature.

WARNING LIGHTS/INDICATOR: STANDARD Battery charge, brake oil pressure, inching temperature, directional indicator, engine oil pressure, hydraulic oil temperature, heater signal, lift arm lock, parking brake, differential lock, torque converter oil temperature, eco, P mode, rpm set, high beam, working lights.

OPTIONAL Blade accumulator.



CAPACITIES (REFILLING)

FUEL TANK	416 L.
COOLING SYSTEM	24.9 L.
CRANK CASE	23.1 L.
TRANSMISSION	45 L.
FINAL DRIVE	17 L.
TANDEM HOUSING (EACH)	57 L.
HYDRAULIC SYSTEM	69 L.
CIRCLE REVERSE HOUSING	7 L.



OPERATING WEIGHT (APPROXIMATE)

INCLUDES LUBRICANTS, COOLANT, FULL FUEL TANK

TOTAL	15,955 kg.
ON REAR WHEELS	11,580 kg.
ON FRONT WHEELS	4,375 kg.
WITH FRONT MOUNTED SCARIFIER:	
TOTAL	16,600 kg.
ON REAR WHEELS	11,660 kg.
ON FRONT WHEELS	4,940 kg.
WITH REAR MOUNTED RIPPER AND FRONT PUSH PLATE:	
TOTAL	17,885 kg.
ON REAR WHEELS	12,675 kg.
ON FRONT WHEELS	5,210 kg.



SCARIFIER (OPTIONAL)

MIDDLE, V-TYPE	
WORKING WIDTH	1,430 mm.
SCARIFYING DEPTH, MAXIMUM	210 mm.
SCARIFIER SHANK HOLDERS	11.
SCARIFIER SHANK HOLDERS SPACING	138 mm.
REAR	
WORKING WIDTH	2,186 mm.
SCARIFYING DEPTH, MAXIMUM	165 mm.
SCARIFIER SHANK HOLDERS	9.
SCARIFIER SHANK HOLDERS SPACING	267 mm.

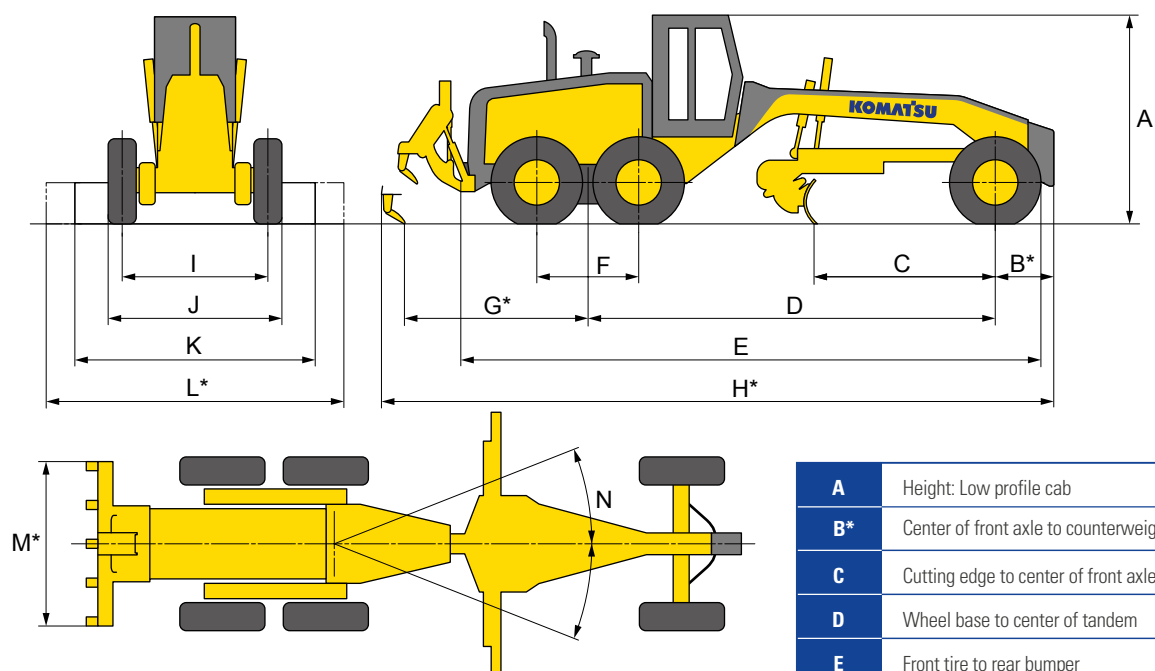


RIPPER (OPTIONAL)

RIPPING DEPTH, MAXIMUM	425 mm.
RIPPER SHANK HOLDERS	5.
RIPPER SHANK HOLDER SPACING	534 mm.
PENETRATION FORCE	8,870 kg.
PRY OUT FORCE	13,335 kg.
MACHINE LENGTH INCREASE, BEAM RAISED	765 mm.



DIMENSIONS



A	Height: Low profile cab	3,200 mm
B*	Center of front axle to counterweight (pusher)	927 mm
C	Cutting edge to center of front axle	2,580 mm
D	Wheel base to center of tandem	6,480 mm
E	Front tire to rear bumper	9,205 mm
F	Tandem wheelbase	1,525 mm
G*	Center of tandem to back of ripper	2,780 mm
H*	Overall length	10,575 mm
I	Track of gauge	2,160 mm
J	Width of tires	2,630 mm
K	Width of standard moldboard	4,320 mm
L*	Width of optional moldboard	4,320 mm
M*	Ripper beam width	2,305 mm
N	Articulation, left or right	25°

* Optional



WHEELS, FRONT AND REAR

Tire	Rim size	Rim structure
14.00-24	9"	Single-piece
14.00-R24	9"	Single-piece
14.00-R24	10"	Multi-piece
17.5-R25	13"	Single-piece
17.5-R25	14"	Multi-piece



STANDARD EQUIPMENT

»Engine and related items

- »Air intake extension.
- »Double element air cleaner and dust indicator.
- »Engine: Komatsu SAARA6D107E-1, turbocharged and air-to-air aftercooled, standard VHPC, 145-218 net horsepower.
- »Cooling fan, hydraulic driven with reverse.
- »Fuel line pre-filter.
- »Hood-sides for engine compartment.
- »Air intake extension.

»Electrical systems

- »Alarm, back-up.
- »Alternator, 60 A / 24 V.
- »Battery, extreme duty, 1146 cca each.
- »Dome light, cab.
- »Horn, electric.
- »Lights: back-up, stop, tail, directional, headlights (2 halogen type, front bar mounted).
- »Work lamps: front (4), rear (2).
- »Speedometer.
- »Indicators: parking brake, differential lock, blade float, lift arm lock, high beam, eco, engine P mode, cooling fan reverse, rpm set, engine oil pressure, battery charge, brake oil pressure, differential oil temperature.

»Operator environment

- »Cab: low profile enclosed ROPS/FOPS (ISO 3471/ISO 3449) with safety tinted glass windows with wiper and washer.
- »Air conditioner (R134a).
- »Console, adjustable with instrument panel monitoring system.
- »Mirrors: interior cab, right and left exterior mirrors.
- »Seat, deluxe adjustable cloth with retractable seat belt.
- »Sound suppression, cab and floor mat.
- »Wipers, front, doors, and rear.
- »12 V (10 A) power port.

»Power train

- »Dual mode transmission (8F-4R) power shift, direct drive and torque converter with auto shift.
- »Axle, rear full floating, planetary type.
- »Service brakes, fully hydraulic wet disc.
- »Brake, parking, spring applied, hydraulic release, disc type.
- »Differential, lock/unlock.

»Work equipment and hydraulics

- »Circle, drawbar mounted, 360° rotation hydraulic blade lift and circle side shift.

- »Circle slip clutch.

- »Hydraulic system, closed center, load sensing.
- »Moldboard: 4,320 mm x 645 mm x 19 mm with replaceable end bits, through hardened cutting edges 152 mm x 16 mm, hydraulic blade side shift and hydraulic tilt with anti-drift check valves. Maximum moldboard angle position 90° right & left.
- »Steering, full hydraulic with tilt steering wheel plus leaning front wheels and frame articulation w/anti-drift check valves.
- »9 section hydraulic control valve.
- »Blade lift float detent style, LH and RH.

»Other standard equipment

- »Painting, Komatsu standard color scheme.
- »Steps and handrails, rear, right, and left side.
- »Vandalism protection includes lockable access to fuel tank, battery cover, and engine side covers.
- »Tool box with lock.
- »Fuel tank, ground level access.
- »Battery disconnect switch.



OPTIONAL EQUIPMENT

- »Accumulators, anti-shock for blade lift.
- »10 section hydraulic control valve.
- »Cab mount work lamps (4).
- »General toolkit.
- »Pre-cleaner, Turbo II.
- »Pusher plate, additional.
- »Additional heater.

- »AM/FM radio.
- »Moldboard, 4,320 mm x 645 mm x 25 mm with replaceable end bits, through-hardened cutting edges 152 mm x 16 mm.
- »Front blade.
- »Ripper, assembly, rear mounted.
- »Ripper shanks and points, 2 additional.

- »Scarifier, assembly, 11-shank type.
- »Scarifier, shanks and points (9) for ripper.
- »Warning light, amber colored rotating beacon, cab roof mounted.
- »Alternator, 90 A / 24 V.

**Optional equipment may not be available in your country.
Please contact your Distributor for further information.**



SATELLITE MONITORING SYSTEM

KOMTRAX is a revolutionary tracking system designed to save time and money. Nowadays, the equipment can be tracked anytime and anywhere. This valuable data, received via the KOMTRAX website, can be used to optimize planning of the movements and performance of the equipment.

FEATURES

» LOCATION

KOMTRAX uses a satellite positioning network to inform the location of the equipment.

» GEOFENCE

In partnership with their Komatsu Distributor, owners can create virtual fences (Geo) to receive alerts when the equipment enters or leaves the designated range for operations.

» SERVICE METER READING

Daily report of the equipment's working hours, which allows planning maintenance and replacement of components.

» KOMTRAX OPERATION MAPS

In the operation maps you can check the times of the day when the equipment is in operation and if the workers are

performing their duties in the stipulated times.

» FUEL MEASUREMENT LEVEL

Shows the amount of fuel at the end of the working day.

» WATER TEMPERATURE DAILY RECORD

Constant record of the increase of engine water temperature with a daily report at the end of the day.

» CAUTIONS

If a light turns on in the cab of the equipment it indicates that a problem occurs. From the website of the application you can review the reason for the problem, the time it occurred and a record number will be generated.

» ABNORMALITY CODES

Abnormality codes are transmitted to the Komatsu Distributor for troubleshooting before technicians arrive at the workplace. An email notification is also sent with the code of what happened.

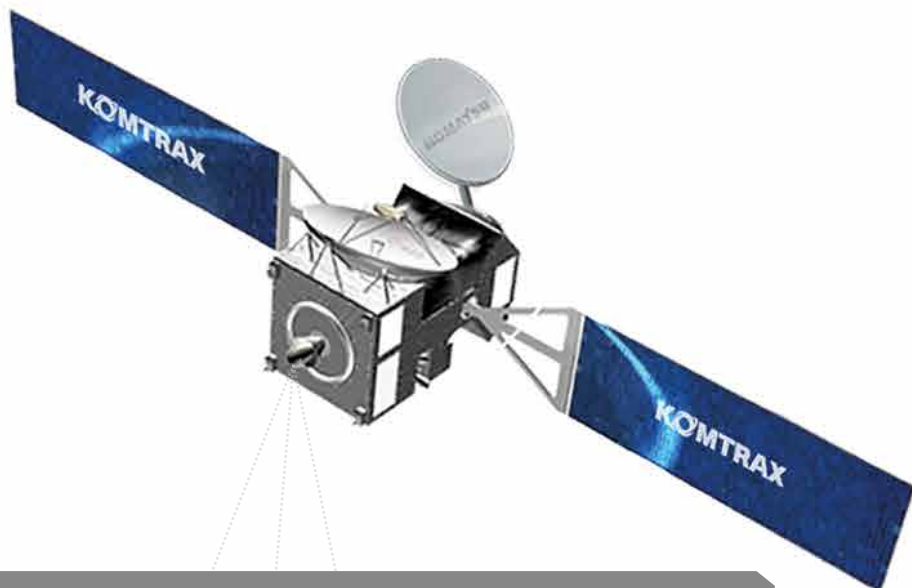
» NOTICE OF MAINTENANCE REPLACEMENT

The system generates alerts to inform that the equipment requires change of elements like filters and oil.

» EQUIPMENT KEY HOURS

Detailed information on key equipment hours such as excavation, moving, digging, alleviating and elevation. This can help to monitor and compare equipment performance, in addition to working hours and idle times.

KOMTRAX



FEATURES

» LOADING FREQUENCY

Information on the load factor of the equipment to know if it is performing a light, medium or heavy work.

» ANTI-THEFT ENGINE LOCK

KOMTRAX has a system to lock and unlock the motor of the equipment, which will allow the operation only on preset days, hours and areas.

» FUEL CONSUMPTION

On new Komatsu equipment, you can get the actual status of the fuel gallons consumed, besides an average of the fuel spent per hour during the period of operation.

» MONTHLY AND ANNUAL DATA REPORTS

KOMTRAX generates summaries of all critical system data to help with analysis of fleet utilization, equipment scheduling, future equipment purchases, labor costs, etc.

Check with your Komatsu dealer for the information available for your model and service availability in your country.



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