

KOMATSU®

MOTOR GRADER

GD705-5

HORSEPOWER

Gross: 194 kW **260 hp** @ 1,950 rpm

Net: 186 kW **250 hp** @ 1,950 rpm

OPERATING WEIGHT

19,300 kg (with ripper 22,150 kg)

BLADE LENGTH

4.32 m³



ORIGIN JAPAN / KLTD

Photos may include optional equipment

WALK-AROUND

**NET
ENGINE
POWER
250 hp**



*Photo may include optional equipment.

- Blade length: 14'.
- Front counterweight.
- Ripper + rear scarifier.
- Tires 20.5.

»Productivity

- »Long wheelbase & short turning radius.
- »Job proved Komatsu power train.
- »Ideal weight distribution.

See pages 4 and 5.

»Control

- »Outstanding power transmitting system.

See pages 6 and 7.

»Comfort

- »Excellent visibility.
- »Spacious Interior.

See pages 6 and 7.

»Serviceability

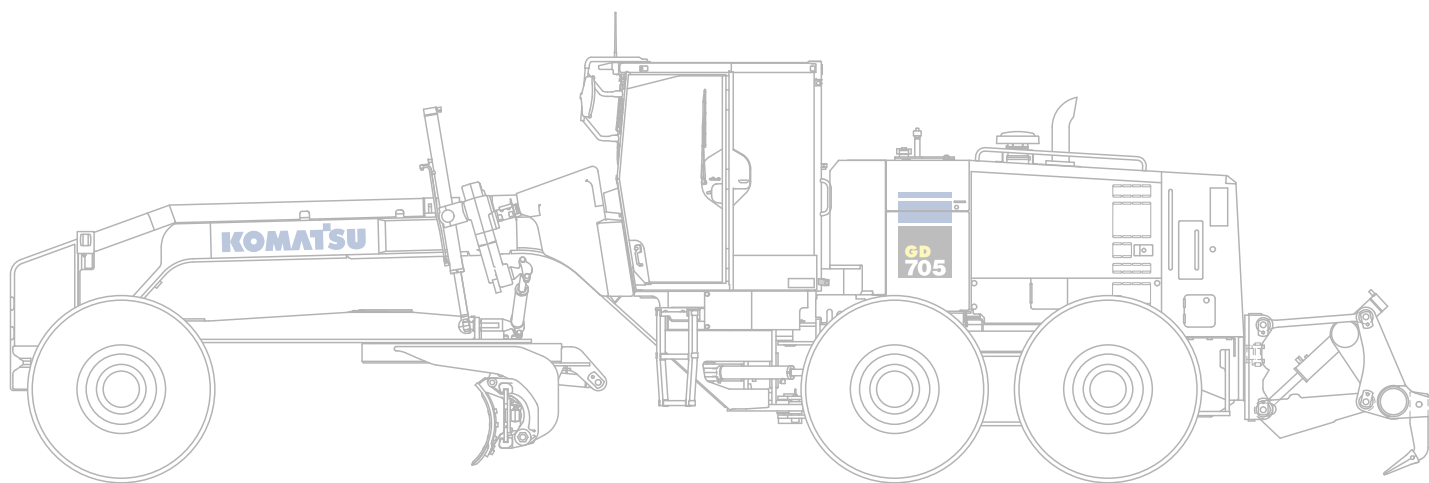
- »Machine monitoring system.
- »Easy maintenance design.

See page 8.

»Ecology & economy

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

See page 9.



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.

»Efficient large size grader

»The GD705-5 is designed to perform efficient operation. New hydraulic variable displacement piston pump for reducing pressure loss, improvements in transmission and axles for improving energy saving, and the sophisticated electronic control of the engine operation to achieve optimal energy efficiency.



Earthwork amount maximum	5.0 % UP (P Mode)
--------------------------	--------------------------

Fuel consumption maximum	5.0 % reduction (P Mode)
	15.0 % reduction (E Mode)

*Compared with the GD705A-4.
Fuel consumption varies depending on job conditions.

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.

•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.

•Hydraulic cooling fan

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

I CONTROL



»Outstanding power transmitting system

»The GD705-5 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 GD705-5 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

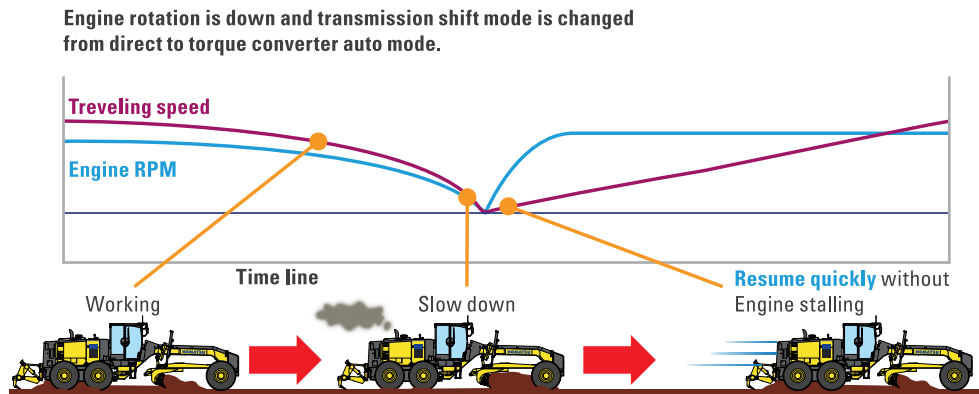
Works like a same way as conventional power shift, by engaging lock up clutch with all gears. This mode maximizes efficiency of direct shifting. In reverse travelling, works same way as auto mode, serves less shift lever operation frequency.

	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



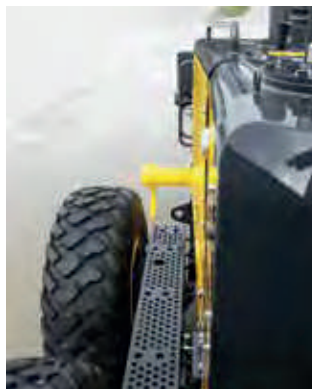
»Excellent visibility

»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 (ISO6396)

78 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 DC12V 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.

•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.



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.

•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



Tool box

»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.

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 SAA6D114E-3 engine provides 186 kW 250 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 equivalent.

»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
F1	150 (201)	120 (161)
F2		
F3		
F4	165 (221)	150 (201)
F5		
F6		
F7	186 (250)	165 (221)
F8		
R1	150 (201)	120 (161)
R2		
R3	165 (221)	150 (201)
R4	186 (250)	165 (221)

»Circumference dynamic noise

»The dynamic circumference noise is lowered significantly to 7dB(A) compared with the conventional GD705A-4 by various kind of countermeasures like the hydraulic driven cooling fan, the variable displacement pump and etc.

Circumference dynamic
noise level (ISO6395)

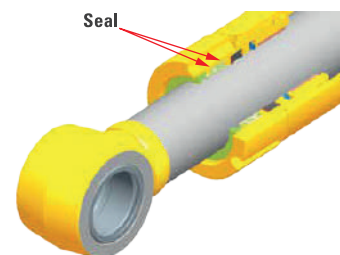
109 dB (A)

»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.



Hydraulic driven cooling fan



WORK EQUIPMENTS



Komatsu genuine work equipment

»Moldboard options

»Installs side edge as standard. Flat moldboard surface facilitates smooth rolling off of material. Optional overlay endbit surely protects the side end of the moldboard.

»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 9 teeth, the ripper also accommodate up to 5 shanks.



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 SAA6D114E-3.
TYPE	Water-cooled, 4-cycle, direct injection.
ASPIRATION	Turbocharged and air to air aftercooled.
NUMBER OF CYLINDERS	6.
BORE	114 mm.
STROKE	135 mm.
PISTON DISPLACEMENT	8.27 L.
GROSS HORSEPOWER (MANUAL MODE):	
P-MODE	
GEAR 1-2	158 kW 212 hp/1,950 rpm.
GEAR 3-5	173 kW 232 hp/1,950 rpm.
GEAR 6-8	194 kW 260 hp/1,950 rpm.
E-MODE	
GEAR 1-2	128 kW 172 hp/1,950 rpm.
GEAR 3-5	158 kW 212 hp/1,950 rpm.
GEAR 6-8	173 kW 232 hp/1,950 rpm.
NET HORSEPOWER (MANUAL MODE):	
P-MODE	
GEAR 1-2	150 kW 201 hp/1,950 rpm.
GEAR 3-5	165 kW 221 hp/1,950 rpm.
GEAR 6-8	186 kW 250 hp/1,950 rpm.
E-MODE	
GEAR 1-2	120 kW 161 hp/1,950 rpm.
GEAR 3-5	150 kW 201 hp/1,950 rpm.
GEAR 6-8	165 kW 221 hp/1,950 rpm.
MAXIMUM TORQUE	1,130 Nm 115 kgm/1,450 rpm.
TORQUE RISE	19 %.
FAN SPEED	Max. 1,700 rpm.
AIR CLEANER	2-stage, dry-type.
U.S. EPA Tier 3 and EU Stage 3A emissions equivalent.	



TRANSMISSION AND TORQUE CONVERTER

Full power shift transmission with torque converter and lock-up.

Speeds (At rated engine speed)

Gear	Forward	Reverse
1st	4.0 km/h	4.5 km/h
2nd	5.6 km/h	8.8 km/h
3rd	7.7 km/h	17.4 km/h
4th	10.9 km/h	34.1 km/h
5th	15.3 km/h	—
6th	21.6 km/h	—
7th	30.0 km/h	—
8th	42.5 km/h	—

Maximum travel speed at engine high idle is 47.9 km/h.



TANDEM DRIVE

OSCILLATING WELDED BOX SECTION	567 mm x 226 mm.
SIDE WALL THICKNESS:	
INNER	22 mm.
OUTER	19 mm.
WHEEL AXLE SPACING	1,680 mm.
TANDEM OSCILLATION	15° forward, 15° reverse.



FRONT AXLE

TYPE	Solid bar construction welded steel sections.
GROUND CLEARANCE AT PIVOT	670 mm.
WHEEL LEAN ANGLE, RIGHT OR LEFT	15°.
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	7.6 m.
MAXIMUM STEERING RANGE, RIGHT OR LEFT	50°.
ARTICULATION	27°.



BRAKES

SERVICE BRAKE	Foot operated, sealed oil disc brakes, hydraulically actuated on four tandem wheels.
PARKING BRAKE	Manually actuated, spring applied, hydraulically released caliper.



FRAME

FRONT FRAME STRUCTURE:

HEIGHT	339 mm.
WIDTH	300 mm.
SIDE	14 mm.
UPPER, LOWER	22/25 mm.



DRAWBAR

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

DRAWBAR FRAME 235 mm x 25 mm.



CIRCLE

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

DIAMETER (OUTSIDE)	1,550 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 700 mm x 25 mm.
ARC RADIUS	414 mm.
CUTTING EDGE	203 mm x 16 mm.
REPLACEABLE/REVERSIBLE SIDE EDGES	280 mm x 620 mm x 13 mm.
BLADE PULL:	
BASE GVW	11,040 kg.
WITH SCARIFIER GVW	11,125 kg.
WITH RIPPER GVW	12,880 kg.
BLADE DOWN PRESSURE:	
BASE GVW	9,120 kg.
WITH SCARIFIER GVW	10,565 kg.
WITH RIPPER GVW	10,030 kg.



BLADE RANGE

MOLDBOARD SIDE SHIFT:	
RIGHT	1,251 mm.
LEFT	1,250 mm.
MAXIMUM SHOULDER REACH OUTSIDE REAR TIRES (FRAME STRAIGHT):	
RIGHT	2,360 mm.
LEFT	2,290 mm.
MAXIMUM LIFT ABOVE GROUND	450 mm.
MAXIMUM CUTTING DEPTH	710 mm.
MAXIMUM BLADE ANGLE, RIGHT OR LEFT	90°.
BLADE TIP ANGLE	45° forward, 7° 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)	165 L/min.
STANDBY PRESSURE	3.4 MPa 35 kg/cm².
MAXIMUM SYSTEM PRESSURE	24.5 Mpa 250kg/cm².



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	408 L.
COOLING SYSTEM	24.5 L.
CRANK CASE	27 L.
TRANSMISSION	62 L.
FINAL DRIVE	11.5 L.
TANDEM HOUSING (EACH)	79 L.
HYDRAULIC SYSTEM	69 L.
CIRCLE REVERSE HOUSING	10 L.



OPERATING WEIGHT (APPROXIMATE)

INCLUDES LUBRICANTS, COOLANT, FULL FUEL TANK:	
TOTAL	20,275 kg.
ON REAR WHEELS	13,800 kg.
ON FRONT WHEELS	5,500 kg.
WITH FRONT MOUNTED SCARIFIER:	
TOTAL	20,275 kg.
ON REAR WHEELS	13,905 kg.
ON FRONT WHEELS	6,370 kg.
WITH REAR MOUNTED RIPPER AND FRONT PUSH PLATE:	
TOTAL	22,150 kg.
ON REAR WHEELS	16,100 kg.
ON FRONT WHEELS	6,050 kg.



SCARIFIER (OPTIONAL)

MIDDLE, V-TYPE:	
WORKING WIDTH	1,350 mm.
SCARIFYING DEPTH, MAXIMUM	210 mm.
SCARIFIER SHANK HOLDERS	11.
SCARIFIER SHANK HOLDERS SPACING	130 mm.

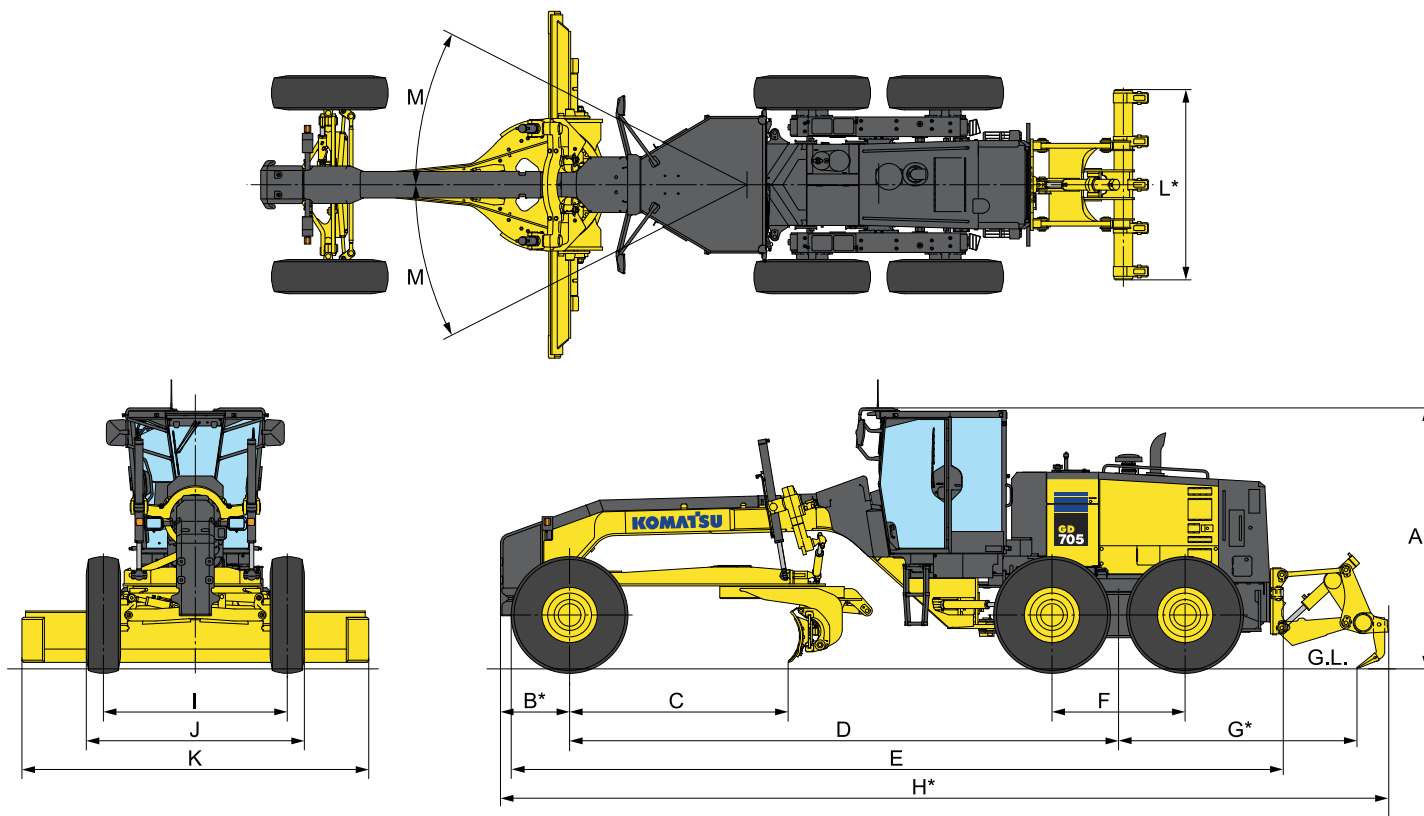


RIPPER (OPTIONAL)

RIPPING DEPTH, MAXIMUM	380 mm.
RIPPER SHANK HOLDERS	5.
RIPPER SHANK HOLDER SPACING	540 mm.
PENETRATION FORCE	11,220 kg.
PRY OUT FORCE	26,280 kg.
MACHINE LENGTH INCREASE, BEAM RAISED	870 mm.



DIMENSIONS



A	Height: Low profile cab	3,260 mm
B	Center of front axle to counterweight (Pusher)*	860 mm
C	Cutting edge to center of front axle	2,700 mm
D	Wheel base to center of tandem	6,800 mm
E	Front tire to rear bumper	9,600 mm
F	Tandem wheelbase	1,680 mm
G	Center of tandem to back of ripper*	2,955 mm
H	Overall length*	11,050 mm
I	Track of gauge	2,290 mm
J	Width of tires	2,790 mm
K	Width of standard moldboard	4,320 mm
L	Ripper beam width*	2,366 mm
M	Articulation, left or right	27°

*Optional



WHEELS, FRONT AND REAR

Tire	Rim size	Rim structure
16.00-24	10"	Multi-piece
20.5R25	17"	Multi-piece



STANDARD EQUIPMENT

ENGINE AND RELATED ITEMS:

- »Air intake extension.
- »Double element air cleaner and dust indicator.
- »Engine: Komatsu SAA6D114E-3, turbocharged and air-to-air aftercooled, standard variable horsepower control, 201-250 net horsepower.
- »Fuel prefilter.
- »Hood-sides for engine compartment.

ELECTRICAL SYSTEMS:

- »Alarm, back-up.
- »Alternator, 24V/60A.
- »Battery, 2 x 12V/140Ah.
- »Dome light, cab.
- »Horn, electric.
- »Indicators: Parking brake, differential lock, lift arm lock, high beam, eco, engine P mode, rpm set, engine oil pressure, battery charge, brake oil pressure, differential oil temperature.
- »Lights: Back-up, stop, tail, directional, headlights (2 halogen type, front bar mounted).
- »Speedometer.

OPERATOR ENVIRONMENT:

- »Air conditioner (R134a).
- »Cab: Low profile enclosed ROPS/FOPS (ISO 3471/ISO 3449) with safety tinted glass windows with wiper and washer.
- »Cigarette lighter and ashtray.
- »Console, adjustable with instrument panel monitoring system.
- »Mirrors: Interior cab, right and left exterior mirrors.
- »Sound suppression, cab and floor mat.
- »Suspension seat, deluxe adjustable cloth with retractable seat belt.
- »Wipers, front, doors, and rear.

POWER TRAIN:

- »Axle, rear full floating, planetary type.
- »Brake, parking, spring applied, hydraulic release, disc type.
- »Differential, lock/unlock.
- »Dual mode Transmission (F8-R4) power shift, direct drive and torque converter with auto shift, engine stall prevention function.
- »Service brakes, fully hydraulic wet disc.

WORK EQUIPMENT AND HYDRAULICS:

- »9 section hydraulic control valve.
- »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 700 mm x 25 mm with replaceable end bits, through-hardened cutting edges 203 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.

OTHER STANDARD EQUIPMENT:

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



OPTIONAL EQUIPMENT

- »10 section hydraulic control valve.
- »12V (10A) power port.
- »Accumulators, anti-shock for blade lift.
- »Alternator, 24V/90A.
- »AM/FM radio.
- »Cab mount work lamps (4).
- »Extinguisher.

- »Fog light (Front bar mounted).
- »Pre-cleaner.
- »Pusher plate, additional.
- »Rear under view mirror.
- »Ripper, assembly, rear mounted.
- »Ripper shanks and points, 2 additional.
- »Scarifier, assembly, 11-shank type.

- »Starter, 11 kW.
- »Transmission under guard.
- »Warning light, amber colored rotating beacon, cab roof mounted.
- »Work lamps: front (4), rear (2).

Standard equipment may vary for each country, and this specification sheet may contain attachments and optional equipment that are not available in your area.

Please consult your Komatsu distributor for detailed information.



SATELLITE MONITORING SYSTEM

KOMTRAX PLUS 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 check 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 replacement of elements like filters and oil.

»EQUIPMENT KEY HOURS

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

»LOADING FREQUENCY

Information on the load factor of the equipment to know if it is performing in 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.



FEATURES

»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.



Product designs, specifications and/or data in this document are provided for informational purposes only and are not warranties of any kind. Product designs and/or specifications may be changed at any time without notice. The only warranties that apply to sales of products and services are standard written warranties, which will be furnished upon request.

Komatsu, and related logo are trademarks of Komatsu Ltd. or one of its affiliates.

© 2017 Komatsu Ltd. or one of its affiliates. All rights reserved.



For further information, contact your Distributor or visit our website www.komatsulatioamerica.com

KLAT-EQ053/001-2019

