



OFF-HIGHWAY TRUCK



ENGINE POWER 578 kW / 778 HP @ 2.000 rpm **MAXIMUM GVW** 103.500 kg

BODY CAPACITY, HEAPED 34,2 m³

Walk-Around

	Powerful and Environmentally Friendly
NEW	• Fuel efficient high performance
	Komatsu SAA6D170E-7 engine
NEW	Auto idle stop
NEW	• Eco guidance
NEW	 Komatsu Traction Control System (KTCS) (Option)
	 Hydraulically controlled wet multiple-disc brakes and retarder
	Auto Retard Speed Control (ARSC)

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First-Class Operator Comfort

- **NEW** Newly designed spacious, egonomical cab with excellent visibility
 - Large TFT colour monitor

NEW

NEW

- Heated and ventilated air suspension seat
- Integrated stairways with handrails and NEW gentle slope
 - K-ATOMiCS transmission with "Skip-Shift" function
 - Hydropneumatic suspension for all terrains



Reliability & Maintenance

- NEW Hydraulically driven, reversible cooling fan
 - Fully hydraulic brake system
 - Reliable Komatsu manufactured major components
 - High-rigidity frame
 - Wet multiple-disc brakes
 - Highly reliable hydraulic system
 - Payload meter (PLM)
 - Centralized greasing points
 - Centralized arrangement of filters

NEW KOMTRAXTM Plus

- Increased operational data and fuel savings
- Komatsu Wireless Monitoring System





Safe and convenient cab access thanks to stairway with handrail



Wide, spacious cab with excellent visibility



Auto Retard Speed Control (ARSC) allows the operator to simply set the downhill travel speed and go down slopes at a constant speed.



Centralized greasing points and filter arrangements make maintenance easier

HD465-8

ENGINE

Model	Komatsu SAA6D170E-7
Туре	Common rail direct injection, water- cooled, turbocharged, after-cooled,
	cooled EGR diesel
Engine power	
at rated engine speed	2.000 rpm
ISO 14396	578 kW/778 HP
ISO 9249 (net engine power)	540 kW/724 HP
No. of cylinders	6
Bore × stroke	170 × 170 mm
Displacement	23,15
Engine emissions	Exempt from EU exhaust emission regulations

TRANSMISSION

Torque converter	3-elements, 1-stage, 2-phase
Transmission	Full-automatic, planetary type
Shift control	Electronic shift control with automatic clutch modulation in all gears
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Max. travel speed	70 km/h

STEERING & TYRES

Туре	Fully hydraulic power steering
	with two double-acting cylinders
Min. turning radius, centre of front tyre	8,7 m
Max. steering angle (outside tyre)	39°
Standard tyres	24.00 R35

HYDRAULIC SYSTEM

Hoist cylinder	Twin, 2-stage telescopic type
Relief pressure	20,6 MPa/210 kg/cm ²
Hoist time (at high idle)	11,5 sec

BRAKES

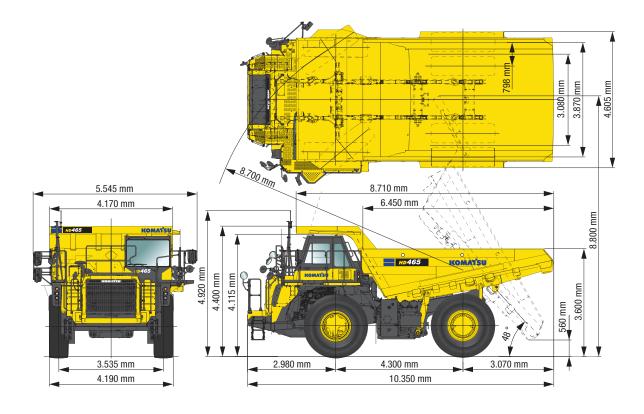
Service brakes, front	Full-hydraulic control,
	caliper disc type
Service brakes, rear	Full-hydraulic control,
	oil-cooled multiple-disc type
Retarder	Oil-cooled, multiple-disc rear brakes
	act as retarder
Retarder capacity (continuous)	802 kW / 1.075 HP

BODY

25,0 m³
34,2 m³
55 metric tons
130 kg/mm ²
high tensile strength steel
19 mm
12 mm
9 mm
6.450 mm × 3.870 mm
Exhaust heating

WEIGHT

48.420 kg
103.500 kg
53%
47%
34%
66%



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