



## **OFF-HIGHWAY TRUCK**



**ENGINE POWER** 578 kW / 778 HP @ 2.000 rpm **MAXIMUM GVW** 114.700 kg

**BODY CAPACITY, HEAPED** 40,0 m<sup>3</sup>

# Walk-Around

	Powerful and Environmentally Friendly
NEW	<ul> <li>Fuel efficient high performance Komatsu SAA6D170E-7 engine</li> </ul>
NEW	Auto idle stop
NEW	• Eco guidance

- Komatsu Traction Control System (KTCS) NEW (Option)
  - Hydraulically controlled wet multiple-disc brakes and retarder
  - Auto Retard Speed Control (ARSC)

### 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
- NEW · Integrated stairways with handrails and 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

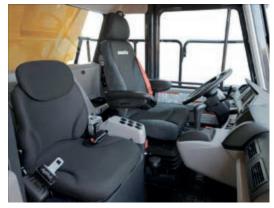
### **NEW** KOMTRAX<sup>TM</sup> Plus

- 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

# HD605-8

#### 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
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 <sup>2</sup>
Hoist time (at high idle)	11,5 sec

#### BRAKES

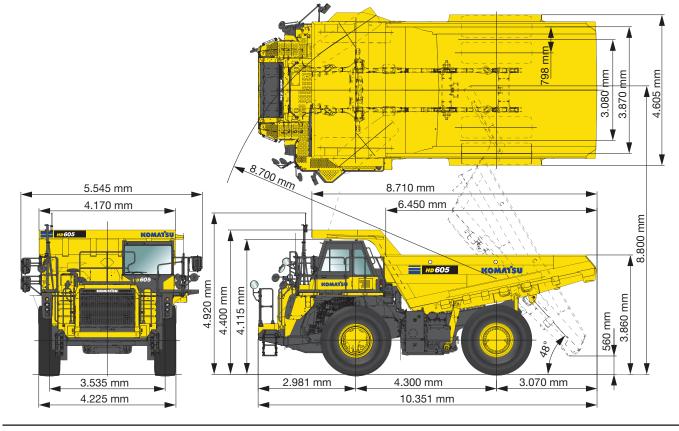
Service brakes, front	Full-hydraulic control,
	caliper disc type
Service brakes, rear	Full-hydraulic control,
	oil-cooled multiple-disc type
Retarder	Oil-cooled, multiple-disc rear brakes
	act as retarder
Retarder capacity (continuous)	802 kW / 1.075 HP

#### BODY

Capacity	
Struck	29,0 m³
Heaped (2:1, SAE)	40,0 m³
Payload	63 metric tons
Material	130 kg/mm <sup>2</sup>
	high tensile strength steel
Material thickness	
Bottom	25 mm
Front	16 mm
Sides	14 mm
Target area (inside length × width)	6.450 mm × 3.870 mm
Heating	Exhaust heating

#### WEIGHT

Empty weight	51.620 kg
Gross vehicle weight	114.700 kg
Weight distribution, empty	
Front axle	51%
Rear axle	49%
Weight distribution, loaded	
Front axle	33%
Rear axle	67%



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