

# KOMATSU

## D155AXi-8

EU Stage IV Engine

CRAWLER DOZER

PRELIMINARY



**intelligent**  
MACHINE CONTROL

**ENGINE POWER**

268 kW / 360 HP @ 1.900 rpm

**OPERATING WEIGHT**

41.810 kg

**BLADE CAPACITY**

SIGMADOZER® 9,4 m<sup>3</sup>  
Semi-U blade 9,4 m<sup>3</sup>

# D155AXi

# Walk-Around

## OUTSTANDING IMPROVEMENTS IN PRODUCTIVITY:

**Automatic dozing from start to finish – a fully automatic blade control function that performs both rough dozing and finish grade in automatic mode!**



### *Intelligent Machine Control*

- NEW** • 3D GNSS system
- NEW** • Integrated & standard factory-installed
- NEW** • Automated operation from rough dozing to finish grade
- NEW** • Highly increased efficiency

### *Powerful and Environmentally Friendly*

- EU Stage IV engine
- Unique torque converter with auto lock-up
- Adjustable idle shutdown

### *Optimised Work Equipment*

- Sigmadozer® blade with hydraulic pitch
- Semi-U
- Automatic blade pitch and ripper return



*images may display optional equipment or specifications not available in your area.*

D155AXI-8

**First-Class Operator Comfort**

- Quiet and comfortable cab
- Fully adjustable air-suspended seat
- Superior visibility on blade and ripper

**State-of-the-Art Controls**

- Hydrostatic steering system
- Gearshift preset function
- Ripper auto-return
- Large multifunctional monitor

**Tough and Reliable**

- Low-drive undercarriage
- K-Bogie undercarriage system
- Sturdy, rugged design

**KOMTRAX™**

- Komatsu Wireless Monitoring System



All components for machine control are factory-installed during assembly at the Komatsu manufacturing facility, ensuring reliability and high quality.



Intuitive selectable load settings – Machine control load settings can be adjusted between presets to tailor response to material conditions.



The standard touchscreen control box is factory installed and features a simple, easy-to-use operator interface.



Surface track mapping: cab top GNSS antenna collects accurate “as-built” surface data. It measures actual elevations, as the machine continuously tracks in operation.



Complimentary maintenance program for customers

## Engine

Model	Komatsu SAA6D140E-7
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	1.900 rpm
ISO 14396	268 kW/360 HP
ISO 9249 (net engine power)	264 kW/354 HP
No. of cylinders	6
Bore x stroke	140 x 165 mm
Displacement	15,24 l
Fan drive type	Hydraulic, reversible
Engine emissions	Fully complies with EU Stage IV exhaust emission regulations

## UNDERCARRIAGE

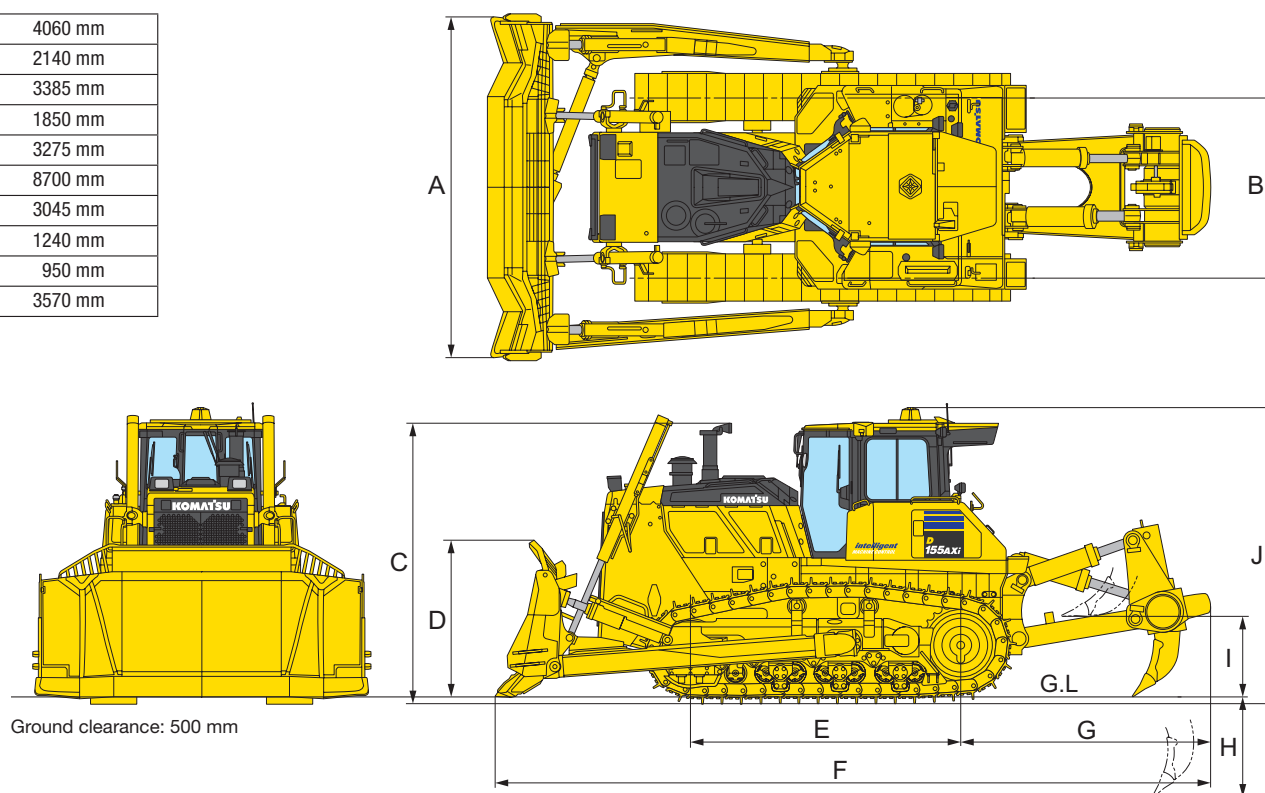
Suspension	Oscillating equaliser bar and pivot shaft
Track roller frame	Monocoque, large section, durable construction
K-Bogie undercarriage	Lubricated track rollers are resiliently mounted on the track frame with a bogie suspension system

## TORQFLOW TRANSMISSION

Type	Komatsu TORQFLOW
Torque converter	3-element, 1-stage, 1-phase, water-cooled, automatic lock-up
Transmission	Planetary gear, multiple-disc clutch, hydraulically actuated, force-lubricated

## DIMENSIONS

A	4060 mm
B	2140 mm
C	3385 mm
D	1850 mm
E	3275 mm
F	8700 mm
G	3045 mm
H	1240 mm
I	950 mm
J	3570 mm



## DOZER EQUIPMENT

	Overall length with blade	Blade capacity	Blade width x height	Max. lift above ground	Max. drop below ground	Max. tilt adjustment	Additional weight
Strengthened Sigmadozer® dual tilt	6.300 mm	9,4 m³	4.060 x 1.880 mm	1.315 mm	680 mm	870 mm	5.900 kg
Strengthened Semi-U blade dual tilt	6.365 mm	9,4 m³	4.130 x 1.790 mm	1.315 mm	600 mm	880 mm	5.900 kg

Blade capacities are based on the SAE recommended practice J1265.