

KOMATSU

D65EXi-18 **D65PXi-18**

EU Stage IV Engine

CRAWLER DOZER

PRELIMINARY



intelligent
MACHINE CONTROL

ENGINE POWER

164 kW / 220 HP @ 1.950 rpm

OPERATING WEIGHT

D65EXi-18: 20.900 kg
D65PXi-18: 22.500 kg

BLADE CAPACITY

3,69 - 5,61 m³

D65i

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!



High productivity & low fuel consumption

- NEW** • Low consumption EU Stage IV engine
- Unique torque converter with auto lock-up
- Automatic transmission
- NEW** • Adjustable Eco-gauge and auto idle stop
- Selectable working modes

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



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

D65EXI/PXI-18

Optimized work equipment

- Sigmadozer® blade with hydraulic pitch
- INPAT blade
- Multishank parallelogram ripper

First-Class Operator Comfort

- Fully adjustable air suspension seat
- Superior visibility on blade and ripper
- Integrated rear view camera system

State of the art controls

- Hydrostatic steering system
- Gearshift preset function
- Large TFT colour multi monitor

Tough and reliable

- Low-drive “PLUS” undercarriage
- Self-adjusting idler support

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 touch screen 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 SAA6D114E-6
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	1.900 rpm
ISO 14396	164 kW/220 HP
ISO 9249 (net engine power)	162 kW/217 HP
No. of cylinders	6
Bore x stroke	114 x 144,5 mm
Displacement	8,85 l
Fan drive type	Hydraulic, reversible
Engine emissions	Fully complies with EU Stage IV exhaust emission regulations

UNDERCARRIAGE

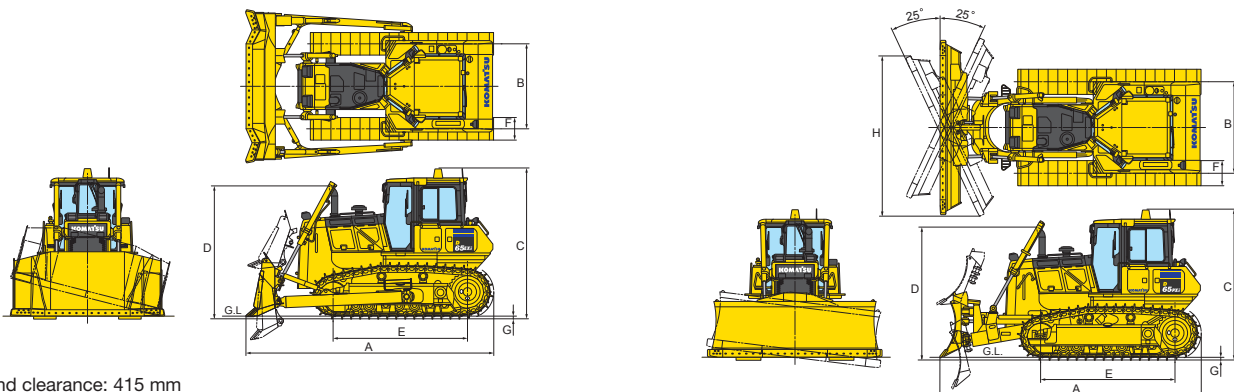
Suspension	Oscillating equaliser bar and pivot shaft
Track roller frame	Monocoque, large section, durable construction
Rollers and idlers	Lubricated track rollers
Tracks	PLUS link assembly

TORQFLOW TRANSMISSION

Type	Komatsu TORQFLOW
Torque converter	3-element, 1-stage, 2-phase, water-cooled, with automatic lock-up function
Transmission	Planetary gear, multiple-disc clutch, hydraulically actuated, force-lubricated

DIMENSIONS

	D65EXi-18 Sigmadozer®	D65PXi-18 Straight Tilt	D65PXi-18 INPAT
A	5.490 mm	5.680 mm	5.790 mm
B	1.880 mm	2.050 mm	2.230 mm
C	3.330 mm	3.330 mm	3.330 mm
D	2.970 mm	2.970 mm	2.970 mm
E	2.970 mm	3.275 mm	3.275 mm
F	610 mm	915 mm	760 mm
G	65 mm	65 mm	65 mm
H	–	–	3.670 mm



Ground clearance: 415 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
D65EXi-18 Sigmadozer®	5.490 mm	5,61 m³	3.410 x 1.425 mm	1.135 mm	500 mm	870 mm	2.440 kg
D65PXi-18 Straight tilt	5.680 mm	3,69 m³	3.970 x 1.100 mm	1.130 mm	535 mm	890 mm	2.100 kg
D65PXi-18 INPAT	5.790 mm	4,42 m³	4.010 x 1.235 mm	1.170 mm	695 mm	520 mm	2.990 kg*

Blade capacities are based on the SAE recommended practice J1265.

* Foldable INPAT blade (PX): additional weight +330 kg