

Products / Dozers / Mid-size dozers / D65WX-18

Mid-size dozer

D65WX-18

Horsepower	217 HP @ 1,950 rpm
Operating weight	48,760 - 51,529 lbs.
Blade capacity	7.7 yd ³

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Torque converter dozers for your heavy jobs

For work sites with steep terrain, choose a dozer designed to excel on slopes. The D65WX-18 joins the EX's standard-length track and the PX's wide gauge and a choice of high-capacity blades. Extended wear life undercarriage with 30" track shoes is standard.

Engineered for powerful
dozing

Excellent blade capacity

Quiet cab with smooth
ride and great visibility

Features and benefits



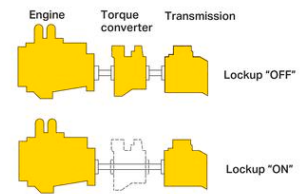
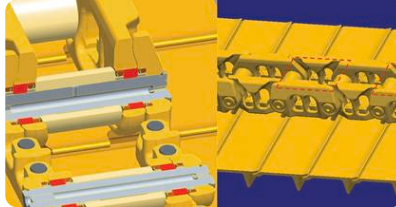
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Sigmadozer and Full U (D155 only)), track shoe width and horsepower combo best suited to your particular application.

helps cut fuel use and emissions.

are easily selected with one push of a button for precision with less fatigue over the course of a shift.



Smooth, powerful handling

Your operators can execute smooth powerful turns with the hydrostatic steering system. It transmits engine power to both tracks without power interruption and minimizes turning radius with counter-rotation while in neutral.

Long-lasting undercarriage

Get the most from your dozer. The Parallel Link Undercarriage System (PLUS) with rotating bushings delivers up to twice the life of our conventional undercarriage with no pin and bushing turn required. Parts wear evenly and last longer before needing replacement.

Work with fuel-efficient power

Seek maximum work efficiency with a lock-up torque converter. It determines the appropriate gear based on load and conditions. The lockup mechanism then automatically transfers engine power directly to the transmission, helping boost drive train efficiency.



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It's easy for them to adjust to suit their needs, and electric heat helps them stay comfortable in the cold.

Specifications for D65WX-18

Full Specifications Standard Optional

US system Metric

Expand all

Engine

Model	Komatsu SAA6D114E-6*
Type	4-cycle, water-cooled, direct injection
Aspiration	Komatsu variable geometry turbocharged, air-to-air aftercooled

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Governor	All-speed and mid-range, electronic
Horsepower:	
SAE J1995 - Gross	220 HP
ISO 9249 / SAE J1349 - Net	217 HP
Rated rpm	1,950 rpm
Fan drive type	Hydraulic
Lubrication system:	
Method	Gear pump, force lubrication
Filter	Full-flow
*EPA Tier 4 Final emissions certified	

Final Drive

Double-reduction planetary gear final drives increase drawbar pull and reduce stresses for longer life. Segmented sprocket teeth are bolt-on for easy replacement. Triple labyrinth housing protects the final drive seals.

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Piston type hydraulic pump with capacity (discharge flow) of 65.5 US gpm at rated engine rpm.

Relief valve setting	4,050 psi
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Control valves:

**Spool control valves for SIGMADOZER®
or straight tilt dozer**

Positions:

Blade lift	Raise, hold, lower, and float
Blade tilt	Right, hold, and left
Rear attachment	Raise, hold, and lower

Service Refill Capacities

Fuel tank	109.6 US gal
DEF tank	6.2 US gal

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Final drive (each side)	7.1 US gal
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Steering System

Palm Command Control System (PCCS) lever controls for all directional movements. Pushing the PCCS lever forward results in forward machine travel, while pulling it rearward reverses the machine. Simply tilt the PCCS lever to the left for a left turns, tilt it right for right turns.

Hydrostatic Steering System (HSS) power has been increased 25% by a larger HSS motor, greater hydraulic pump flow, and more engine power while steering. The result is more powerful turns and quicker counter-rotation. Wet, multiple-disc, pedalcontrolled service brakes are spring-actuated and hydraulically released. Gear shift lock lever also applies parking brake.

Minimum turning radius:

D65EX-18	6 ft. 3 in
D65EXi-18	6 ft. 3 in
D65PX-18	7 ft. 3 in
D65PXi-18	7 ft. 3 in
D65WX-18	6 ft. 11 in

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lubricated for optimum heat dissipation. Shift lock lever and neutral safety switch.

Travel speed	Forward	Reverse
1st	2.3 mph	2.8 mph
2nd	3.5 mph	4.2 mph
3rdL	4.5 mph	5.4 mph
3rd	7.0 mph	8.5 mph

Undercarriage

Suspension	Oscillating equalizer bar and pivot shaft
Track roller frame	Monocoque, large section, durable construction
Rollers and idlers	Lubricated
Track shoes	Parallel Link Undercarriage System (PLUS) with lubricated rotating bushings for extended system wear life and lower maintenance costs. Track

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Type of shoes (standard)	MS PLUS
Number of shoes (each side)	42
Grouser height	2.6 in
Shoe width (standard)	30 in
Ground contact area (ISO 16754)	7,900 in ²
Ground pressure (tractor) (ISO 16754)	5.57 psi
Track gauge	6 ft. 9 in
Length of track on ground	9 ft. 9 in

**See page 17 of spec sheet for tractor/blade combinations.*

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D65EX-18

	217 HP
Horsepower	@
	1,950
	rpm
.....	
Operating weight	45,628 -
	48,796
	lbs.
.....	
Blade capacity	7.3
	yd ³
.....	

D65PX-18

	217 HP
Horsepower	@
	1,950
	rpm
.....	
Operating weight	48,444 -
	51,960
	lbs.
.....	
Blade capacity	4.8
	yd ³
.....	

D71EX-24

	237 HP
Horsepower	@
	2,200
	rpm
.....	
Operating weight	49,825
	lbs.
.....	
Blade capacity	5.8
	yd ³
.....	

Find what works for you

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