

Mid-size dozer

# D65PX-18

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

[View all specs](#)

Request a quote

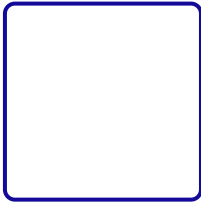
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# Torque converter dozers for your heavy jobs

Move heavy loads in soft or wet conditions. The D65PX-18's long track/low ground pressure offers outstanding flotation and extended wear life undercarriage with the 36" wide Parallel Link Undercarriage System (PLUS) rotating bushing track shoes. Fine tune it with a choice of blade options.

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Engineered for powerful  
dozing

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Excellent blade capacity

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Quiet cab with smooth  
ride and great visibility

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Automated blade control  
with iMC

## Features and benefits



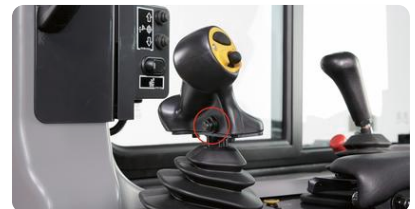
### Custom build the dozer you need

the dozers in the  
65/85/155 family offer



### Helps minimize fuel use

An advanced Tier 4 engine  
offers you a potent



### Controls help fight operator fatigue

Operators will enjoy the  
palm command electronic

you outstanding power, economy and reliability. Customize yours with the blade (straight, Semi-U, Sigmadozer and Full U (D155 only)), track shoe width and horsepower combo best suited to your particular application.



### Smooth, powerful handling

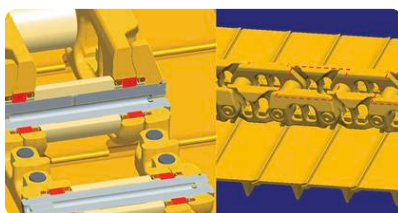
Your operators can execute smooth powerful turns with the hydrostatic steering system. It transmits engine power to both tracks without power interruption and minimizes turning radius with counter-rotation while in neutral.



### Intelligent Machine Control (iMC)

With automatic dozing, enough cut to finish grade,

combo of power and fuel efficiency. An auto idle shutdown, adjustable from 5-60 minutes, also helps cut fuel use and emissions.



### Long-lasting undercarriage

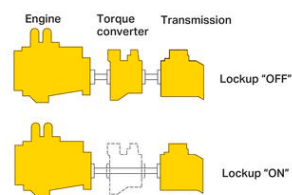
Get the most from your dozer. The Parallel Link Undercarriage System (PLUS) with rotating bushings delivers up to twice the life of our conventional undercarriage with no pin and bushing turn required. Parts wear evenly and last longer before needing replacement.



### Help operators stay focused

Your operators perform best when they're

control joysticks that fit the natural relaxed shape of their hands. Auto-shift or manual-shift modes are easily selected with one push of a button for precision with less fatigue over the course of a shift.



### 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.

iMC-equipped machines make every pass count. Dozers “learn” operator blade input. In select situations, operators can opt for near-100% auto control. And, iMC helps new operators get up to speed quickly.

comfortable. That’s why they’ll love the air suspension seat with lumbar support and tilt. It’s easy for them to adjust to suit their needs, and electric heat helps them stay comfortable in the cold.

# Specifications for D65PX-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
Number of cylinders	6
Bore x stroke	4.49 x 5.69 in



Piston displacement	540 in <sup>3</sup>
Governor	All-speed and mid-range, electronic
<b>Horsepower:</b>	
SAE J1995 - Gross	220 HP
ISO 9249 / SAE J1349 - Net	217 HP
Rated rpm	1,950 rpm
Fan drive type	Hydraulic
<b>Lubrication system:</b>	
Method	Gear pump, force lubrication
Filter	Full-flow
*EPA Tier 4 Final emissions certified	

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## 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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## Hydraulic System

Closed-center load sensing system (CLSS) designed for precise and responsive control, and for efficient simultaneous operation.

**Hydraulic control units:**

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All spool valves externally mounted beside the hydraulic tank.  
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:

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**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

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**Service Refill Capacities**

Fuel tank	109.6 US gal
DEF tank	6.2 US gal
Coolant	12.9 US gal
Engine	8.1 US gal
Torque converter, transmission, bevel gear, and steering system	12.7 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

### TORQFLOW Transmission

Komatsu TORQFLOW transmission consists of a water-cooled, 3-element, 1-stage, 2-phase, torque converter with lockup clutch, and a planetary gear, multiple-disc clutch transmission which is electronically controlled, hydraulically actuated and force-



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 tension is easily adjusted with grease gun.

Tractor for inside mounted blade (Requires Waste Package)\*

	D65PX-18
Number of track rollers (each side)	8





Type of shoes (standard)	ES PLUS clipped
Number of shoes (each side)	45
Grouser height	2.6 in
Shoe width (standard)	30 in
Ground contact area (ISO 16754)	8,619 in <sup>2</sup>
Ground pressure (tractor) (ISO 16754)	5.51 psi
Track gauge	7 ft. 4 in
Length of track on ground	10 ft. 9 in

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

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### Financing

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### My Komatsu

Access and manage all your machine telematics data, parts manuals, service manuals, software and parts ordering information from a single source anywhere, anytime.

### Don't overlook the undercarriage

Keeping the undercarriage in good working condition can significantly minimize repair expenses and lower per-hour operating costs.

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financing.

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Telematics data can drive results for business operations, but only when you can collect and analyze it efficiently. Get the insights that can benefit your bottom line.

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## Related Products



# D65EX-18

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

# D65WX-18

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

# D71PX-24

Horsepower	237 HP @ 2,200 rpm
Operating weight	50,927 - 52,690 lbs.
Blade capacity	6.1 - 6.6 yd <sup>3</sup>

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