

# BULLDOZERS

## D65E-12

## D65EX-12

## D65P-12

## D65PX-12

with steering clutch/brake system

with hydrostatic steering system



FLYWHEEL HORSEPOWER @1950 RPM :

D65E-12 **135 kW** 180 HP

D65EX/P/PX-12 **142 kW** 190 HP

OPERATING WEIGHT :

D65E-12 **18405 kg** 40,580 lb

D65EX-12 STANDARD TRACK **18575 kg** 40,960 lb

LONG TRACK **19185 kg** 42,300 lb

D65P-12 **19485 kg** 42,960 lb

D65PX-12 **19615 kg** 43,250 lb

Model shown is the D65PX-12 equipped with the ROPS/cab and other optional equipment.

### HIGH PRODUCTIVITY

- Powerful S6D125E (6D125E for D65E) engine and large-capacity blade provide high productivity.
- Low-drive, long-track undercarriage ensures outstanding grading ability and stability.

### HIGH MANEUVERABILITY

- Wrist-control type single-lever for steering/speed directional change makes operations smooth and easy.
- Wrist-control type single-lever for blade control with PPC (Proportional Pressure Control) and CLSS (Closed-center Load Sensing System) assures precise and responsive operation.
- Hydrostatic Steering System (HSS) provides smooth, powerful steering. (D65EX-12 and D65PX-12)

### OPERATOR COMFORT

- Hexagonal pressurized cab with wide view and oil damper suspension offers a comfortable operating environment.

### EASY MAINTENANCE AND HIGH DURABILITY

- Simple hull frame and monocoque track frame with pivot shaft assure greater reliability.
- Unique modular design facilitates the removal of power-train components.
- Large-sized undercarriage components extend life.

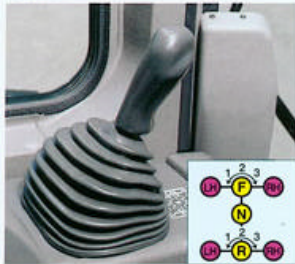
# KOMATSU



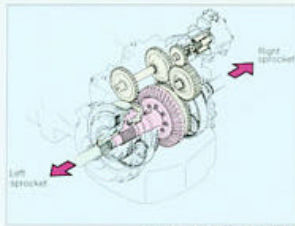
## Komatsu Bulldozers Outmaneuver Anything In Their

### Steering/direction change by left joystick

All steering and directional change can be done by **wrist control type left single lever** only. The machine responds to the movement of the left control lever providing the operator with the feeling of natural control; if the operator would like to move the machine forward and to the left, he simply moves the joystick forward and then to the left. Other movement can be done by moving the joystick to the desired position.



Single-lever steering/directional change



Hydrostatic steering system

For models D65EX-12 and D65PX-12 with **hydrostatic steering system (HSS)**, engine power is ideally distributed to the left and right tracks in proportion to lever movement each time the machine makes a turn; the outside track moves faster and the inside slower, providing a smooth and powerful turn. For exceptionally high maneuverability, simply tilt the lever left or right with transmission in neutral; the machine will make a counter-rotation turn on the spot, making it highly maneuverable in confined areas.

### Benefits of HSS

- High productivity while turning with same speed and power as straight dozing.
- Dozing in a straight line even during side-cutting operation.
- Provides precise and delicate steering control.
- Eliminates cross steering operation on downhill slopes.
- Causes less power train shocks than the conventional steering clutch/brake system.



Counter-rotation turn



**D65E-12**  
**D65P-12**  
 with steering  
 clutch/brake  
 system  
**D65EX-12**  
**D65PX-12**  
 with hydrostatic  
 steering system

Action photo shown may contain attachments that are not available in your area.

Model shown is the D65EX-12 with hydrostatic steering system.

Model shown includes optional engine side cover and other optional equipment.

## Class.

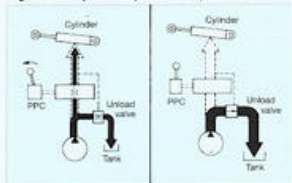
### Blade control by right joystick

Lifting and tilting operations of the blade are controlled by **wrist control type right single lever**. Assisted by the **PPC (Proportional Pressure Control)**, lever control effort is light and the necessary lever stroke is short, reducing fatigue during long hours of operation. The introduction of this left and right **"joystick"** system permits simultaneous traveling and working, offering both ease and a shorter cycle time. Total maneuverability is therefore high, resulting in substantially increased job efficiency and high productivity.

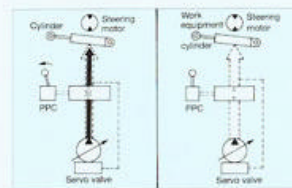
The **Closed-center Load Sensing System (CLSS)** offers precise and

responsive blade control by supplying the required amount of oil to the valves. Simultaneous operation of lifting and tilting is also possible. Moreover, CLSS of the D65EX and D65PX is equipped with a variable-capacity pump, providing the following additional advantages;

- More precise and responsive operation is possible with pressure compensation valve.
- Reduced fuel consumption by discharging the required amount of oil from the pump.
- The work equipment moves smoothly for operations such as side-cutting even when the priority is given to the steering.



CLSS of D65E-12 and D65P-12



CLSS of D65EX-12 and D65PX-12

### Powerful engines

A powerful **S6D125E turbocharged diesel engine** provides a massive output power of 190 HP (142 kW). The D65E-12 is powered by the 6D 125E naturally aspirated engine for 180 HP (135 kW). The engine power is transmitted smoothly to the final drives via high-efficiency torque converter. The resultant powerful traction plus the large blade capacity greatly increase productivity.



S6D125E turbocharged diesel engine

**Low drive and long track undercarriage** is extraordinarily tough and offer excellent grading ability and stability.



Photo shown includes optional equipment.

## Komatsu Sets The Standard In Comfort, Maintenance

### Operator comfort

Because these models employ joysticks, the walk-through operator compartment is uncluttered for smooth entry and exit. Komatsu offers three types of suspension seats (option) with a reclining backrest.



Suspension seat (option)



Walk-through design

Another added comfort is the **hexagonal pressurized cab** (optional). Air filters and a higher internal air pressure combine to prevent external dust from entering the cab, thus ensuring the operator of a continually clean and comfortable environment in which to work. In addition, the cab's new hexagonal design provides excellent front, sides and rear visibility. Cab suspension softens shocks for operator comfort and extends component life.



Hexagonal pressurized cab

### Simple maintenance

An **electronic monitoring system** prevents minor problems from developing into major ones. All meters and gauges are controlled by a microcomputer, which provides a wide indication range for an easier, more precise reading. A conventional panel is also available.



Electronic monitoring system

### Gull-wing engine side covers (option)

with a gas-spring cylinder open widely so the engine and the auxiliary components can be checked easily.



Gull-wing engine side covers (option)



## And Durability.

A **flat bottom frame**, the mono-coque track frames and pivot shafts provide good maneuverability in muddy terrain by preventing mud from building up under the frame.



Flat bottom frame

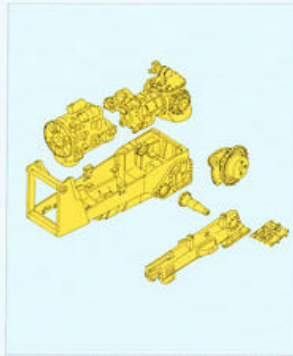
A **radiator coolant reservoir** makes it easier to check the coolant level and eliminates frequent troublesome refilling work. **Oil pressure inspection ports (option)** for power train are centralized on right operator platform, permitting quick and simple upkeep.



Radiator coolant reservoir Oil pressure inspection ports (option)

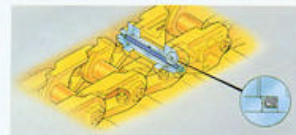
### High durability

Because fewer components mean greater reliability, we've designed a **simple hull frame** made of a thick, single plate. Track frames have a large-section construction for maximum rigidity. Even the box-section construction of the blade back beam is reinforced, all with durability in mind.



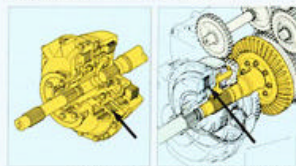
Modular design of power-train units

**Modular designed power-train units** allow easy removal and installation of any individual unit for a shorter downtime. Large-diameter bushings, increased track link heights and improved oil-seals help to increase undercarriage durability.



Larger-sized undercarriage

**Wet, multiple-disc brakes** eliminate brake-band adjustments for a maintenance-free operation.



(D6SE/D6SP)

(D6SEEX and D6SPX)

## D65E-12/D65EX-12 SPECIFICATIONS



### ENGINE

Komatsu 6D125E (D65E-12) and S6D125E (D65EX-12) 4-stroke cycle, water-cooled diesel engines. Both are of 6 cylinders with 125 mm 4.92" bore x 150 mm 5.91" stroke and 11.04 ltr. 674 cu.in piston displacement.

Flywheel horsepower:

D65E-12:	<b>135 kW</b> 180 HP at 1950 RPM (SAE J1349)
	<b>135 kW</b> 183 PS at 1950 RPM (DIN 6270 NET)
D65EX-12:	<b>142 kW</b> 190 HP at 1950 RPM (SAE J1349)
	<b>142 kW</b> 193 PS at 1950 RPM (DIN 6270 NET)

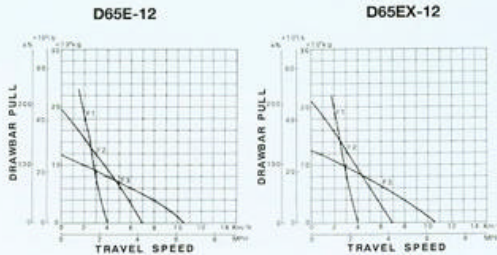
Direct-injection fuel system. All-speed mechanical governor. Force-lubrication driven by gear pump. Full-flow filter for lube purification. Dry-type air cleaner with automatic dust evacuator and dust indicator. 24 V/7.5 kW electrical starter motor. 24 V/35 A alternator. 2 x 12 V/140 Ah batteries.



### TORQFLOW TRANSMISSION

Komatsu TORQFLOW transmission consists of a water-cooled, 3-element, 1-stage, 1-phase torque converter and a planetary gear, multiple-disc clutch transmission which is hydraulically controlled and force-lubricated for optimum heat dissipation. It offers 3 forward and 3 reverse speeds.

Travel speeds	Forward		Reverse	
<b>D65E-12</b>				
1st	0 — <b>3.9 km/h</b> 2.4 MPH	0 — <b>5.0 km/h</b> 3.1 MPH		
2nd	0 — <b>6.8 km/h</b> 4.2 MPH	0 — <b>8.6 km/h</b> 5.3 MPH		
3rd	0 — <b>10.6 km/h</b> 6.6 MPH	0 — <b>13.4 km/h</b> 8.3 MPH		
<b>D65EX-12</b>				
1st	0 — <b>3.9 km/h</b> 2.4 MPH	0 — <b>5.0 km/h</b> 3.1 MPH		
2nd	0 — <b>6.8 km/h</b> 4.2 MPH	0 — <b>8.6 km/h</b> 5.3 MPH		
3rd	0 — <b>10.6 km/h</b> 6.6 MPH	0 — <b>13.4 km/h</b> 8.3 MPH		



Usable pull will depend upon traction and weight of equipped tractor.



### STEERING

Single-lever controls for all directional movements. Simply tilt the lever to the left to make a left turn. Tilt it to the right to get a right turn. Pushing the lever forward results machine's forwarding, while pulling it toward the operator reverses the machine.

**D65E-12:** Wet, multiple-disc steering clutches are spring-loaded and hydraulically released. Wet, multiple-disc steering brakes are spring-actuated and hydraulically released. Steering brakes also function as service and parking brakes.

Min. turning radius ..... **3.2 m 10'6"**

**D65EX-12:** Hydrostatic steering system (HSS) powered by steering planetary units and hydraulic motor. Counter-rotation is accomplished by tilting lever left or right with transmission in neutral. Wet, multiple-disc, pedal-controlled service brakes are spring-actuated and hydraulically released.

Min. turning radius ..... **2.2 m 7'3"**



### FINAL DRIVES

Double-reduction final drive of spur and planetary gears to minimize transmission of shocks to power-train components. Segmented sprockets are bolt-on type for easy in-the-field replacement.



### UNDERCARRIAGE

Suspension ..... Oscillation-type equalizer bar  
Track roller frame ..... Monocoque, high-tensile-strength steel construction

Rollers and idlers .... Lubricated carrier/track rollers and idlers are sealed with floating seals.

Number of track rollers (each side): Standard track ..... 7  
D65EX Long track ..... 8

Number of carrier rollers (each side) ..... 2

Track shoes .... Lubricated tracks. Assembled, single-grouser shoes. Unique dust seals for preventing entry of foreign abrasives into pin-to-bushing clearances for extended service.

Number of shoes (each side): Standard track ..... 39  
D65EX Long track ..... 45

Grouser height ..... **65 mm 2.6"**

Shoe width (standard) ..... **510 mm 20.1"**

Ground contact area: Standard track

..... **27285 cm<sup>2</sup> 4,230 sq.in**

D65EX Long track ..... **33505 cm<sup>2</sup> 5,193 sq.in**

Ground pressure (tractor):

D65E-12 ..... **53.0 kPa 0.54 kg/cm<sup>2</sup>/7.68 PSI**

D65EX-12: Standard track

..... **53.9 kPa 0.55 kg/cm<sup>2</sup>/7.88 PSI**

Long track ..... **44.1 kPa 0.45 kg/cm<sup>2</sup>/6.40 PSI**



### COOLANT & LUBRICANT CAPACITY (refilling)

Coolant ..... **50 ltr. 13.2 U.S. gal.**

Fuel tank ..... **406 ltr. 107.3 U.S. gal.**

Engine oil ..... **38 ltr. 10.0 U.S. gal.**

Damper ..... **2.4 ltr. 0.6 U.S. gal.**

Torque converter, transmission, bevel gear

and steering system ..... **50 ltr. 13.2 U.S. gal.**

Final drive (each side) ..... **24 ltr. 6.3 U.S. gal.**



### OPERATING WEIGHT (approximate)

Tractor weight: including rated capacity of lubricant, coolant, full fuel tank, operator and standard equipment

**D65E-12** ..... **14870 kg 32,780 lb**

**D65EX-12: Standard track** ..... **14920 kg 32,890 lb**

Long track ..... **15530 kg 34,240 lb**

Operating weight: Including semi-U tildozeeer, steel cab, ROPS canopy, operator, standard equipment, rated capacity of lubricant, coolant and full fuel tank

**D65E-12** ..... **18405 kg 40,580 lb**

Ground pressure ..... **65.7 kPa 0.67 kg/cm<sup>2</sup>/9.53 PSI**

**D65EX-12 (Standard track)** ..... **18575 kg 40,960 lb**

Ground pressure ..... **66.7 kPa 0.68 kg/cm<sup>2</sup>/9.67 PSI**

**D65EX-12 (Long track)** ..... **19185 kg 42,300 lb**

Ground pressure ..... **55.9 kPa 0.57 kg/cm<sup>2</sup>/8.11 PSI**

### STANDARD EQUIPMENT

• Torque converter • TORQFLOW transmission • wet-type steering clutches & brakes (D65E-12) • hydrostatic steering system (D65EX-12) • 1880 mm 62" track gauge • segmented sprockets • 510 mm 20.1" single-grouser shoes (sealed and lubricated tracks) • 7-roller track frames (D65E, D65EX standard track) • 8-roller track frames (D65EX Long track) • hydraulic track adjusters • dry-type air cleaner with dust evacuator and dust indicator • 35 A alternator • 24 V/7.5 kW electric starting motor • decelerator pedal • adjustable seat • track roller guards, end sections • single-lever steering control • blower fan • lighting system • radiator reserve tank • warning horn • batteries (2 x 12V, 140 Ah) • perforated radiator mask



# D65P-12/D65PX-12 SPECIFICATIONS



## ENGINE

Komatsu S6D125E 4-stroke cycle, water-cooled, turbocharged diesel engine. 6 cylinders with **125 mm 4.92"** bore x **150 mm 5.91"** stroke and **11.04 ltr. 674 cu.in** piston displacement. Flywheel horsepower:

- 142 kW 190 HP** at 1950 RPM (SAE J1349)
- 142 kW 193 PS** at 1950 RPM (DIN 6270 NET)

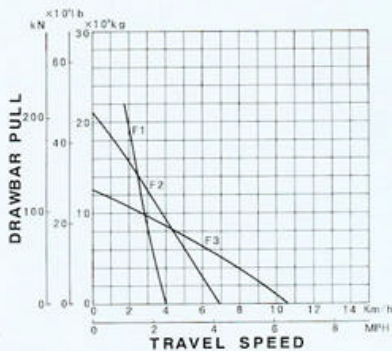
Direct-injection fuel system. All-speed mechanical governor. Force-lubrication driven by gear pump. Full flow filter for lube purification. Dry-type air cleaner with automatic dust evacuator and dust indicator. 24 V/7.5 kW electrical starter motor. 24 V/35 A alternator. 2 x 12 V/140 Ah batteries.



## TORQFLOW TRANSMISSION

Komatsu TORQFLOW transmission consists of a water-cooled, 3-element, 1-stage, 1-phase torque converter and a planetary gear, multiple-disc clutch transmission which is hydraulically controlled and force-lubricated for optimum heat dissipation. It offers 3 forward and 3 reverse speeds.

Travel speeds	Forward		Reverse	
<b>D65P-12</b>				
1st	0 — <b>3.9 km/h</b>	2.4 MPH	0 — <b>5.0 km/h</b>	3.1 MPH
2nd	0 — <b>6.8 km/h</b>	4.2 MPH	0 — <b>8.6 km/h</b>	5.3 MPH
3rd	0 — <b>10.6 km/h</b>	6.6 MPH	0 — <b>13.4 km/h</b>	8.3 MPH
<b>D65PX-12</b>				
1st	0 — <b>3.9 km/h</b>	2.4 MPH	0 — <b>5.0 km/h</b>	3.1 MPH
2nd	0 — <b>6.8 km/h</b>	4.2 MPH	0 — <b>8.6 km/h</b>	5.3 MPH
3rd	0 — <b>10.6 km/h</b>	6.6 MPH	0 — <b>13.4 km/h</b>	8.3 MPH



Useable pull will depend upon traction and weight of equipped tractor.



## STEERING

Single-lever controls for all directional movements. Simply tilt the lever to the left to make a left turn. Tilt it to the right to get a right turn. Pushing the lever forward results machine's forwarding, while pulling it toward the operator-reverses the machine.

**D65P-12**  
Wet, multiple-disc steering clutches are spring-loaded and hydraulically released. Wet, multiple-disc steering brakes are spring-actuated and hydraulically released. Steering brakes also function as service and parking brakes.

Min. turning radius ..... **3.6 m 11'11"**

**D65PX-12**  
Hydrostatic steering system (HSS) powered by steering planetary units and hydraulic motor. Counter-rotation is accomplished by tilting the lever left or right with transmission in neutral. Wet, multiple-disc, pedal-controlled service brakes are spring-actuated and hydraulically released.

Min. turning radius ..... **2.7 m 8'10"**



## FINAL DRIVES

Double-reduction final drive of spur and planetary gears to minimize transmission of shocks to power-train components. Segmented sprockets are bolt-on type for easy in-the-field replacement.



## UNDERCARRIAGE

Suspension ..... Oscillation-type equalizer bar  
Track roller frame ..... Monocoque, high-tensile-strength steel construction  
Rollers and idlers ..... Lubricated carrier/track rollers and idlers are sealed with floating seals.  
Number of track rollers (each side) ..... 8  
Number of carrier rollers (each side) ..... 2  
Track shoes ..... Lubricated tracks. Assembled swamp shoes. Unique dust seals for preventing entry of foreign abrasives into pin-to-bushing clearances for extended service. Track tension easily adjusted with grease gun.  
Number of shoes (each side) ..... 45  
Shoe height ..... **112.5 mm 4.4"**  
Shoe width (standard) ..... **950 mm 37.4"**  
Ground contact area ..... **62420 cm<sup>2</sup> 9,675 sq.in**  
Ground pressure (tractor) ..... **25.4 kPa 0.26 kg/cm<sup>2</sup>/3.70 PSI**



## COOLANT & LUBRICANT CAPACITY (refilling)

Coolant ..... **50 ltr. 13.2 U.S. gal.**  
Fuel tank ..... **406 ltr. 107.3 U.S. gal.**  
Engine oil ..... **38 ltr. 10.0 U.S. gal.**  
Damper ..... **2.4 ltr. 0.6 U.S. gal.**  
Torque converter, transmission, bevel gear and steering system ..... **50 ltr. 13.2 U.S. gal.**  
Final drive (each side) ..... **27 ltr. 7.1 U.S. gal.**



## OPERATING WEIGHT (approximate)

**Tractor weight:** including rated capacity of lubricant, coolant, full fuel tank, operator and standard equipment

**D65P-12** ..... **16240 kg 35,800 lb**

**D65PX-12** ..... **16250 kg 35,820 lb**

**Operating weight:** Including straight-tiltdozer, steel cab, ROPS canopy, operator, standard equipment, rated capacity of lubricant, coolant and full fuel tank

**D65P-12** ..... **19485 kg 42,960 lb**

Ground pressure ..... **30.4 kPa 0.31 kg/cm<sup>2</sup> /4.45 PSI**

**D65PX-12** ..... **19615 kg 43,250 lb**

Ground pressure ..... **30.4 kPa 0.31 kg/cm<sup>2</sup> /4.45 PSI**

## STANDARD EQUIPMENT

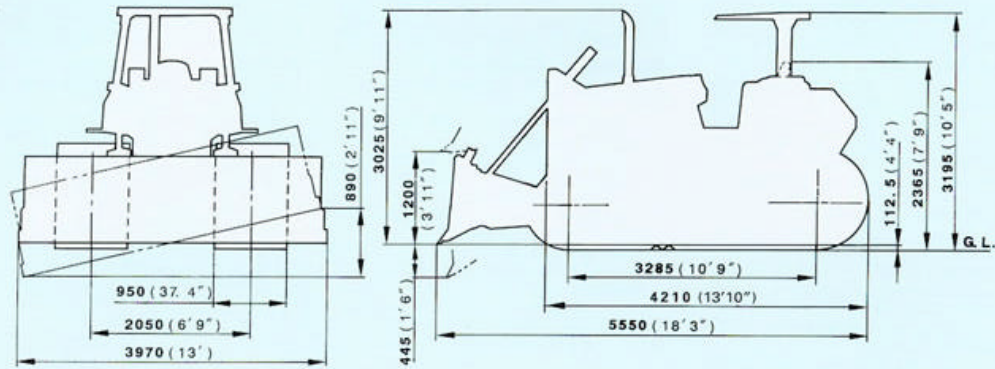
- torque converter •TORQFLOW transmission •wet-type steering clutches & brakes (D65P-12) •Hydrostatic steering system (D65PX-12) •**2050 mm 6'9"** track gauge •Segmented sprockets •**950 mm 37.4"** swamp shoes (sealed and lubricated tracks) •8-roller track frames •hydraulic track adjusters •dry-type air cleaner with dust evacuator and dust indicator •35 A alternator •24 V/7.5 kW electric starting motors •decelerator pedal •adjustable seat •track roller guards, end sections and center guiding guard •Single-lever steering control •blower fan •lighting system •radiator reserve tank •warning horn •batteries (2 x 12 V, 140 Ah) •perforated radiator mask





## DIMENSIONS (Straight-tilt dozer)

Unit: mm ft.in



Ground clearance..... 510 mm 1'8"



## HYDRAULIC SYSTEM

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

**Hydraulic control unit:** All spool-type control valves externally mounted beside the hydraulic tank.

Gear-type hydraulic pump with capacity (discharge flow) of **180 ltr.** 47.6 U.S. gal/min. at rated engine RPM (D65P-12). Variable capacity hydraulic pump with capacity (discharge flow) of **210 ltr.** 55.5 U.S. gal/min. at rated engine RPM (D65PX-12). Relief valve setting ..... **20.6 MPa** 210 kg/cm<sup>2</sup>/2,990 PSI

### Control valves

- Spool-type control valve for straight-tilt dozer

Positions: Blade lift ..... Raise, hold, lower and float  
Blade tilt ..... Right, hold and left

**Hydraulic cylinders** ..... Double-acting, piston type

	Number of cylinders	Bore
Blade lift	2	<b>95 mm</b> 3.74"
Blade tilt	1	<b>140 mm</b> 5.51"

### Hydraulic oil capacity

Straight-tilt dozer ..... **55 ltr.** 14.5 U.S. gal



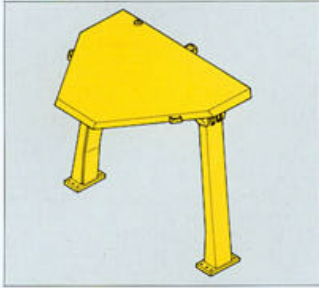
## DOZER EQUIPMENT

Use of high-tensile-strength steel in moldboard and box construction of the back beam for extended life. Blade tilt hose pipings are mounted inside the dozer frame to protect them from damage.

	Overall length with dozer	*Blade capacity	Blade length x height	Max. lift above ground	Max. drop below ground	Max. tilt adjustment	Additional weight			Additional ground pressure
							Dozer equipment	Hydraulic control unit D65P	D65PX	
Straight-tilt dozer	5550 mm 18'3"	3.69 m <sup>3</sup> 4.83 cu.yd	3970 mm x 1100 mm 13' x 3'7"	1200 mm 3'11"	445 mm 1'6"	450 mm 1'6"	2030 kg 4,480 lb	590 kg 1,300 lb	710 kg 1,570 lb	3.9 kPa 0.04 kg/cm <sup>2</sup> 0.57 PSI

\*Blade capacities are based on the SAE recommendation practice J1265.

## ATTACHMENTS AND OPTIONAL EQUIPMENT



### ROPS canopy

Meets ISO 3471, SAE J1040 APR88 and SAE J395a ROPS standards, as well as ISO 3449 FOPS standards.

Additional weight ..... **420 kg** 930 lb

Roof dimensions:

Length ..... **1830 mm** 6'

Width ..... **1600 mm** 5'3"

Height from compartment floor

..... **1700 mm** 5'7"

Additional ground pressure

**D65E and D65EX**

..... **1.5 kPa** 0.015 kg/cm<sup>2</sup>/0.21 PSI

**D65EX Long track**

..... **1.3 kPa** 0.013 kg/cm<sup>2</sup>/0.18 PSI

**D65P and D65PX**

..... **0.7 kPa** 0.007 kg/cm<sup>2</sup>/0.10 PSI

### ROPS canopy for steel cab

Meets ISO 3471, SAE J1040 APR88 and SAE J395a ROPS standards, as well as ISO 3449 FOPS standards.

Additional weight ..... **340 kg** 750 lb

Roof dimensions:

Length ..... **1270 mm** 4'2"

Width ..... **1490 mm** 4'11"

Height from compartment floor

..... **1700 mm** 5'7"

Additional ground pressure

**D65E and D65EX**

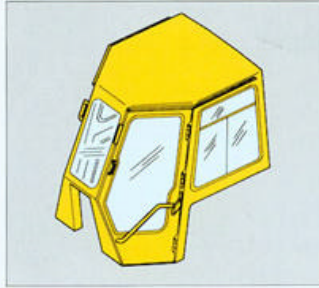
..... **1.2 kPa** 0.012 kg/cm<sup>2</sup>/0.14 PSI

**D65EX Long track**

..... **1.0 kPa** 0.010 kg/cm<sup>2</sup>/0.14 PSI

**D65P and D65PX**

..... **0.5 kPa** 0.005 kg/cm<sup>2</sup>/0.07 PSI



### Steel cab

All-weather, enclosed type pressurized cab.

Additional weight ..... **285 kg** 630 lb

Roof dimensions:

Length ..... **1765 mm** 5'9"

Width ..... **1720 mm** 5'8"

Height from floor to ceiling

..... **1515 mm** 5'2"

Additional ground pressure

**D65E and D65EX**

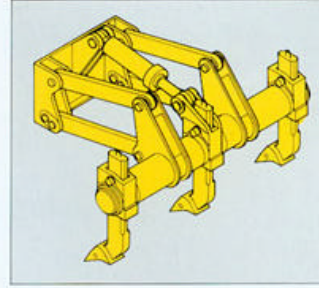
..... **1.0 kPa** 0.010 kg/cm<sup>2</sup>/0.14 PSI

**D65EX Long track**

..... **0.9 kPa** 0.009 kg/cm<sup>2</sup>/0.13 PSI

**D65P and D65PX**

..... **0.5 kPa** 0.005 kg/cm<sup>2</sup>/0.07 PSI



### Multishank ripper (for D65E/D65EX)

Hydraulically controlled parallelogram-type ripper with 3 shanks.

Additional weight (including hydraulic control unit) ..... **1680 kg** 3,700 lb

Beam length ..... **2170 mm** 7'1"

Max. lift above ground ..... **640 mm** 2'1"

Max. digging depth ..... **595 mm** 1'11"

Additional ground pressure

**D65E and D65EX**

..... **6.1 kPa** 0.062 kg/cm<sup>2</sup>/0.88 PSI

**D65EX Long track**

..... **4.9 kPa** 0.050 kg/cm<sup>2</sup>/0.71 PSI

### Shoes

Models	Shoes	Additional weight	Ground contact area	Additional ground pressure to tractor
D65E	560 mm 22.0" single-grouser shoe	+120 kg +260 lb	29960 cm <sup>2</sup> 4,644 sq.in	-3.9 kPa -0.04 kg/cm <sup>2</sup> -0.57 PSI
	610 mm 24.0" single-grouser shoe	+230 kg +510 lb	32635 cm <sup>2</sup> 5,058 sq.in	-7.8 kPa -0.08 kg/cm <sup>2</sup> -1.14 PSI
D65EX Standard track	660 mm 26.0" single-grouser shoe	+350 kg +770 lb	35310 cm <sup>2</sup> 5,473 sq.in	-10.8 kPa -0.11 kg/cm <sup>2</sup> -1.56 PSI
	560 mm 22.0" single-grouser shoe	+140 kg +310 lb	36790 cm <sup>2</sup> 5,702 sq.in	-4.9 kPa -0.05 kg/cm <sup>2</sup> -0.71 PSI
D65EX Long track	610 mm 24.0" shingle-grouser shoe	+270 kg +600 lb	40075 cm <sup>2</sup> 6,212 sq.in	-8.8 kPa -0.09 kg/cm <sup>2</sup> -1.28 PSI
	D65P	915 mm 36.0" single-grouser shoe	-50 kg -110 lb	60115 cm <sup>2</sup> 9,318 sq.in
D65PX				

### Others

- Air-conditioner
- Backup alarm
- Cab heater
- Filler cover and lock
- Front pull hook
- Full-length track roller guards
- Gauge panel
- Hinged strengthened radiator mask
- Hitch-type drawbar
- Panel cover
- Plastic canopy
- Radio
- Reversible fan
- Rigid-type drawbar
- Seat belt
- Towing winch
- Tool kit and ordinary spare parts
- Gull-wing engine side covers
- Radiator mask, enclosed
- Suspension seat
- Provision for ROPS installation
- Handrails, around operator's compartment
- Centralized pressure inspection ports
- Vandalism protection lock for hydraulic tank

Standard equipment may vary for each country, and this specification sheet may contain attachments and optional equipment that are not available in your area. Please consult your Komatsu distributor for detailed information.

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