BULLDOZER

D85A-21 D85E-21 D85P-21

FLYWHEEL HORSEPOWER: 225 HP **168 kW** @2000 RPM
OPERATING WEIGHT: D85A 23200 kg **51,150 lb**
D85E 23550 kg **51,920 lb**
D85P 25725 kg **56,715 lb**

Model shown may include optional equipment.

Excellent working performance
- *Long tracks and low center-of-gravity design provide extra-high stability and extra-powerful traction.*
- *A powerful engine for increased drawbar pull.*
- *Komatsu's unique circular arc swamp shoe assures stable working even on soft ground. (D85P)*

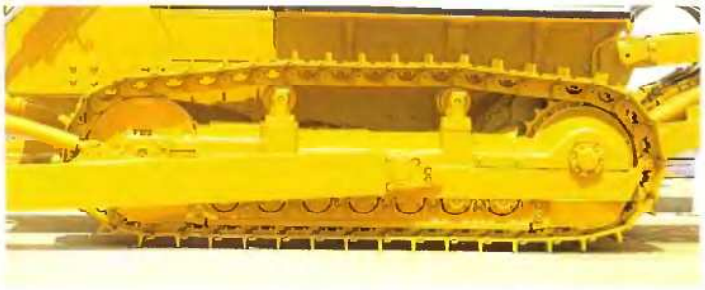
Breakthroughs in fuel economy
- *The Komatsu S6D125E engine provides maximum fuel economy.*

Minimal downtime
- *Advanced monitoring system prevents minor problems from becoming major ones.*
- *Most lubrication ports are within reach from one work position, greatly reducing maintenance time.*

Excellent operator comfort
- *Large cab windows provide greater visibility*
- *Human-engineered arrangement of levers, pedals and instruments with a very responsive hydraulic system reduces operator fatigue.*

KOMATSU

ЗАКАЗ ТЕХНИКИ И ЗАПЧАСТЕЙ www.komimport.ru т.(495) 651-61-19 mail: komatsu@komimport.ru



Long tracks and low center-of-gravity design provide extra-high stability and extra-powerful traction
The D85 tractor is equipped with a long on-the-ground track length. This, plus a wide track gauge increase stability over rough terrain, while ensuring maximum power transfer to the ground for boosted production.

Advanced monitoring system prevents minor problems from becoming major ones
Condition of check-before-starting as well as caution items appear on the liquid crystal monitoring panel, preventing serious problems from developing. This continuous condition checking allows the operator to concentrate his attention on the controls.

A powerful engine for increased drawbar pull
The Komatsu S6D125E engine delivers dynamic power of 225 HP (168 kW) at 2000 RPM and tenacious torque of 102 kg-m (738 ft-lb/1001 N-m) for high maneuverability and productivity.

The Komatsu S6D125E engine provides maximum fuel economy
Advanced fuel-efficiency designs are incorporated to make the S6D125E one of the most economical, energy-saving engines. This enables the D85 to attain a greater production per liter of fuel and reduced operating costs.

Models shown may include optional equipment.

Most lubrication ports are within reach from one work position, greatly reducing maintenance time
Most lubrication ports and filters are located at the front left of the machine.

Other easy-maintenance features
The entire ROPS structure and cab tilt backward for easier access when mounting/ dismounting power-train components.

Photo shown includes optional airconditioner and other optional equipment.

Human-engineered arrangement of levers, pedals and instruments with a very responsive hydraulic system reduce operator fatigue
To provide ample leg-room, instruments are all located to the right of the operator's seat. The sensitive response hydraulic system provides the ease of fine controlling for precise dozing operations. The rotatable seat offers the optimum visual range.

Large cab windows provide greater visibility
The new cab design and increased window area provide a wider range of visibility. The cab is mounted on the floor frame through rubber cushions. Sound-absorbing material is widely used inside the cab. As a result, noise and vibration are minimized.

D85A-21/D85E-21 SPECIFICATIONS

ENGINE

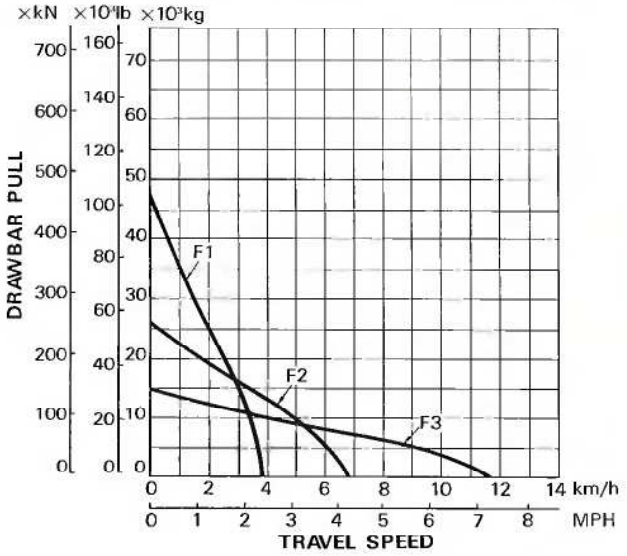
Komatsu S6D125E, 4-cycle, water-cooled, turbocharged engine with 6 cylinders of 125 mm (4.92") bore × 150 mm (5.91") stroke and 11.04 ltr. (674 cu.in) piston displacement.
Flywheel horsepower:
225 HP (168 kW) at 2000 RPM (SAE J1349)
228 PS (168 kW) at 2000 RPM (DIN 6270 NET)
Max. torque 102 kg-m (738 ft-lb/1001 N-m) at 1400 RPM.
Direct-injection fuel system with mechanical all-speed governor. Gear-pump-driven force-lubrication with full-flow filter. Dry-type air cleaner with automatic dust evacuator for longer element service and dust indicator for simplified maintenance.
24 V/7.5 kW electric starting motor, 24 V/35 A alternator.
2 × 12 V/170 Ah batteries.

TORQFLOW TRANSMISSION

Komatsu's unique TORQFLOW transmission consists of a water-cooled 3-element, 1-stage, 1-phase torque converter and a planetary-gear, multiple-disc clutch transmission, both of which are hydraulically actuated and force-lubricated for optimum heat dissipation. It allows single-lever control of all speeds (3 forward and 3 reverse) and directional changes. Gearshift lock lever and neutral safety switch prevent the machine from accidental starts.

Travel speeds km/h (MPH)

	Forward	Reverse
1st	0— 3.8 (2.4)	0— 4.9 (3.0)
2nd	0— 6.8 (4.2)	0— 8.5 (5.3)
3rd	0—11.8 (7.3)	0—14.3 (8.9)



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

STEERING

Wet, multiple-disc, hand-operated steering clutches are hydraulically boosted and interconnected with wet, contracting-band, foot-operated steering brakes to allow easy, light-touch steering/braking actions.

FINAL DRIVE

Spur gear, double-reduction final drives. Segmented sprockets are installed on the hub with bolts for easy in-field replacement.

UNDERCARRIAGE

Suspension . . . . . Oscillation-type equalizer bar
Track roller frame . . . . . Box-section, high-tensile-strength steel construction.
Rollers and idlers . . . . Lubricated idlers, track and carrier rollers are sealed with floating seals.
Number of track rollers . . . . . 7 each
Number of carrier rollers . . . . . 2 each
Track shoes . . . . . Assembled single grouser shoes. Unique dust seals prevent entry of dust into pin-to-bushing clearances for extended service. Track tension is easily adjusted with a grease gun.
Number of shoes: D85A . . . . . 39 each
D85E . . . . . 41 each
Grouser height . . . . . 72 mm (2.8")
Shoe width (standard) . . . . . 560 mm (22.0")
Ground contact area: D85A . . . . 31810 cm² (4930 sq.in)
D85E . . . . 34160 cm² (5295 sq.in)
Ground pressure (tractor): D85A . . . . . 0.59 kg/cm² (8.4 PSI/58 kPa)
D85E . . . . . 0.56 kg/cm² (8.0 PSI/54.9 kPa)

COOLANT & LUBRICANT CAPACITY (refilling)

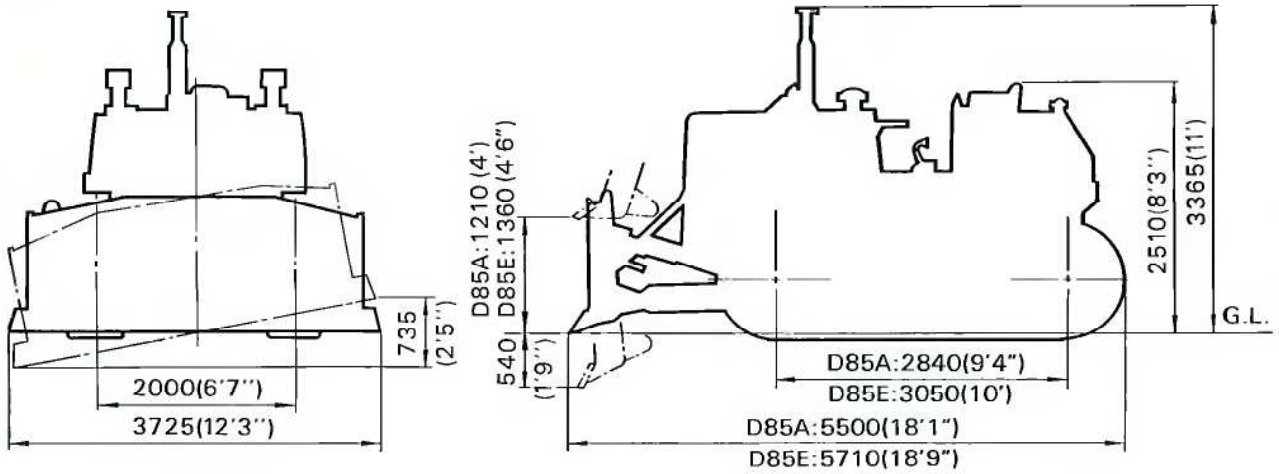
Coolant	79 ltr. (20.9 U.S. gal)
Fuel tank	480 ltr. (126.8 U.S. gal)
Engine	27 ltr. (7.1 U.S. gal)
Torque converter, transmission	
Bevel gear case, steering case	90 ltr. (23.8 U.S. gal)
Final drive (each side)	41 ltr. (10.8 U.S. gal)
Undercarriage (each side)	3 ltr. (0.8 U.S. gal)

OPERATING WEIGHT (approximate)

Tractor weight, including rated capacity of lubricant, coolant, full fuel tank, operator and standard equipment
D85A . . . . . 18710 kg (41,250 lb)
D85E . . . . . 19070 kg (42,040 lb)
Operating weight, including straight-tiltdozer, operator, standard equipment, rated capacity of lubricant, coolant and full fuel tank
D85A . . . . . 23200 kg (51,150 lb)
D85E . . . . . 23550 kg (51,920 lb)

DIMENSIONS (Equipped with straight-tiltdozer.)

Unit: mm (ft.in)



Ground clearance . . . . . 415 mm (1'4")

HYDRAULIC SYSTEM

Hydraulic control unit: Gear-type hydraulic pump with a capacity (discharge flow) of 194 ltr. (51.0 U.S. gal)/min. at rated engine RPM.
Relief valve setting . . . 195 kg/cm² (2,770 PSI/19.1 MPa)

Control valves

- One control valve for angledozer.
  Positions: Blade lift . . . . Raise, hold, lower and float
- Two control valves for straight-tiltdozer, mechanical angle-power-tiltdozer and U dozer.
  Positions: Blade lift . . . . Raise, hold, lower and float
  Blade tilt . . . . . Left, hold and right
- Additional control valve required for ripper
  Positions: Ripper lift . . . . Raise, hold, lower and float

Hydraulic cylinders: Double-acting, piston type

Cylinder	Number of cylinders	Bore
Blade lift	2	110 mm (4.33")
Blade tilt	1	160 mm (6.30")
Ripper lift	2	140 mm (5.51")

Hydraulic capacity

Straight-tiltdozer and U-dozer . . . . . 101 ltr. (27 U.S. gal)
Angledozer . . . . . 95 ltr. (25 U.S. gal)
Ripper equipment
(Additional volume) . . . . . 21 ltr. (5.5 U.S. gal)

DOZER EQUIPMENT

Use of high-tensile-strength steel in moldboard for strengthened blade construction. Hydraulic pipings for blade tilting are housed inside the dozer frame and protected from damage.

		Overall length with dozer	*Blade capacity	Blade length × height	Max. lift above ground	Max. drop below ground	Max. tilt adjustment	Additional weight: Dozer equipment	Additional weight: Hydraulic control unit	Additional ground pressure
D85A	Straight-tiltdozer	5500 mm (18'1")	5.2 m³ (6.8 cu.yd)	3725 mm × 1450 mm (12'3" × 4'9")	1210 mm (4')	540 mm (1'9")	735 mm (2'5")	3720 kg (8,200 lb)	770 kg (1,700 lb)	0.14 kg/cm² (1.99 PSI/13.7 kPa)
	Angledozer	5810 mm (19'1")	3.9 m³ (5.1 cu.yd)	4365 mm × 1130 mm (14'4" × 3'8")	1310 mm (4'4")	560 mm (1'10")	500 mm (1'8")	3840 kg (8,470 lb)	770 kg (1,700 lb)	0.14 kg/cm² (1.99 PSI/13.7 kPa)
	Mechanical-angle power-tiltdozer	5830 mm (19'2")	4.1 m³ (5.4 cu.yd)	4515 mm × 1130 mm (14'10" × 3'8")	1295 mm (4'3")	555 mm (1'10")	520 mm (1'8")	3910 kg (8,620 lb)	770 kg (1,700 lb)	0.15 kg/cm² (2.13 PSI/14.7 kPa)
	U-dozer	6065 mm (19'11")	8.50 m³ (11.1 cu.yd)	3860 mm × 1680 mm (12'8" × 5'6")	1210 mm (4')	540 mm (1'9")	755 mm (2'6")	4285 kg (9,450 lb)	770 kg (1,700 lb)	0.16 kg/cm² (2.28 PSI/15.7 kPa)
	Trimming-dozer	6310 mm (20'8")	–	3410 mm × 1185 mm (11'2" × 3'11")	1770 mm (5'10")	710 mm (2'4")	–	3850 kg (8,490 lb)	880 kg (1,940 lb)	0.15 kg/cm² (2.13 PSI/14.7 kPa)
D85E	Straight-tiltdozer	5710 mm (18'9")	5.2 m³ (6.8 cu.yd)	3725 mm × 1450 mm (12'3" × 4'9")	1360 mm (4'6")	540 mm (1'9")	735 mm (2'5")	3720 kg (8,200 lb)	770 kg (1,700 lb)	0.13 kg/cm² (1.85 PSI/12.7 kPa)
	Angledozer	6020 mm (19'9")	3.9 m³ (5.1 cu.yd)	4365 mm × 1130 mm (14'4" × 3'8")	1425 mm (4'8")	580 mm (1'11")	500 mm (1'8")	3840 kg (8,470 lb)	770 kg (1,700 lb)	0.13 kg/cm² (1.85 PSI/12.7 kPa)
	Mecanical-angle power-tiltdozer	6040 mm (19'10")	4.1 m³ (5.4 cu.yd)	4515 mm × 1130 mm (14'10" × 3'8")	1430 mm (4'8")	585 mm (1'11")	520 mm (1'8")	3910 kg (8,620 lb)	770 kg (1,700 lb)	0.14 kg/cm² (1.99 PSI/13.7 kPa)
	U-dozer	6275 mm (20'7")	8.50 m³ (11.1 cu.yd)	3860 mm × 1680 mm (12'8" × 5'6")	1360 mm (4'6")	540 mm (1'9")	755 mm (2'6")	4285 kg (9,450 lb)	770 kg (1,700 lb)	0.14 kg/cm² (1.99 PSI/13.7 kPa)

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

D85P-21 SPECIFICATIONS

ENGINE

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

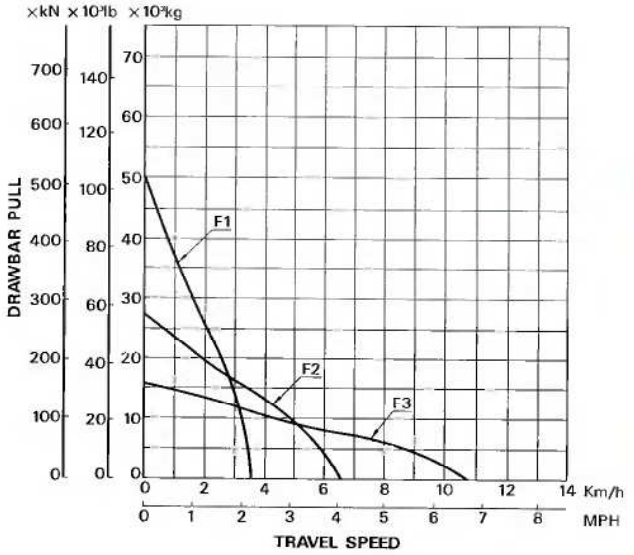
Flywheel horsepower:
225 HP (168 kW) at 2000 RPM (SAE J1349)
228 PS (168 kW) at 2000 RPM (DIN 6270 NET)
Max. torque. 102 kg.m (738 ft-lb/1001 N-m) at 1400 RPM
Direct-injection fuel system with mechanical all-speed governor. Gear-pump-driven force-lubrication with full-flow filter. Dry-type air cleaner with automatic dust evacuator for longer element service and dust indicator for simplified maintenance. Corrosion resistor prevents dust and scale from being generated in the coolant. Electrical 24-volt starting system.

TORQFLOW TRANSMISSION

Komatsu's unique TORQFLOW transmission consists of a water-cooled 3-element, 1-stage, 1-phase torque converter and a planetary-gear, multiple-disc clutch transmission, both of which are hydraulically actuated and force-lubricated for optimum heat dissipation. It allows single-lever control of all speeds (3 forward and 3 reverse) and directional changes. Gearshift lock lever and neutral safety switch prevent the machine from accidental starts.

Travel speeds km/h (MPH)

	Forward	Reverse
1st	0— 3.5 (2.2)	0— 4.7 (2.9)
2nd	0— 6.5 (4.0)	0— 8.3 (5.2)
3rd	0—10.7 (6.6)	0—13.3 (8.3)



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

STEERING

Wet, multiple-disc, hand-operated steering clutches are hydraulically boosted and interconnected with wet, contracting-band, foot-operated steering brakes to allow easy, light-touch steering/braking actions.

FINAL DRIVE

Spur gear, double-reduction final drives. Segmented sprockets are installed on the hub with bolts for easy in-field replacement.

UNDERCARRIAGE

Suspension . . . . . Oscillation type equalizer bar
Track roller frame . . . . . Box-section, high-tensile-strength steel construction.
Rollers and idlers . . . . Lubricated idlers, track and carrier rollers are sealed with floating seals.
Number of track rollers . . . . . 8 each
Number of carrier rollers . . . . . 2 each
Track shoes . . . . . Assembled swamp shoes. Unique dust seals prevent entry of dust into pin-to-bushing clearances for extended service. Track tension is easily adjusted with a grease gun.
Number of shoes . . . . . 45 each
Grouser height . . . . . 123 mm (4.8")
Shoe width (standard) . . . . . 910 mm (35.8")
Ground contact area . . . . . 63340 cm^2 (9280 sq.in)
Ground pressure (tractor) . . . . . 0.35 kg/cm^2 (4.98 PSI/34 kPa)

COOLANT & LUBRICANT CAPACITY (refilling)

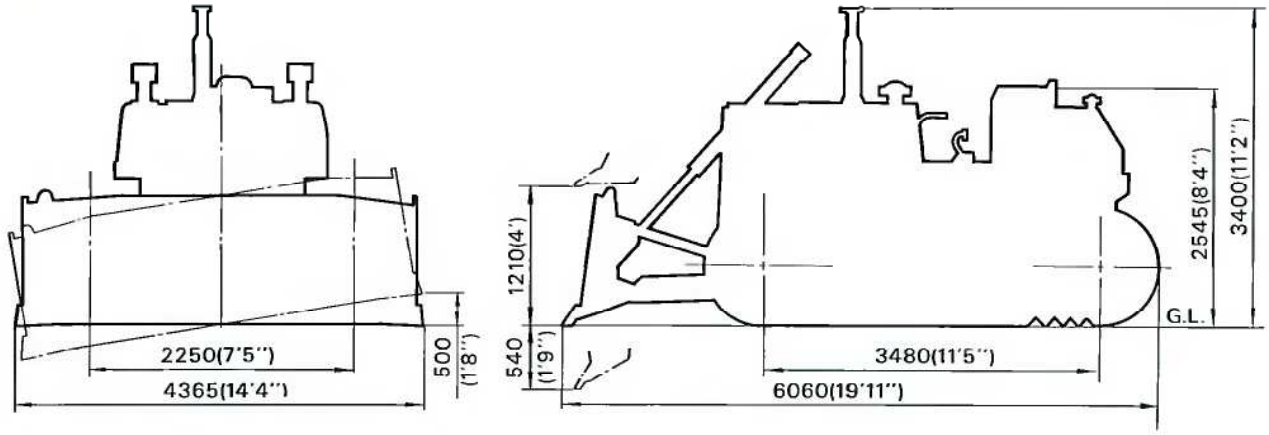
Coolant	79 ltr. (20.9 U.S. gal)
Fuel tank	480 ltr. (126.8 U.S. gal)
Engine	27 ltr. (7.1 U.S. gal)
Torque converter, transmission	
Bevel gear case, steering case	90 ltr. (23.8 U.S. gal)
Final drive (each side)	51 ltr. (13.5 U.S. gal)
Undercarriage (each side)	3 ltr. (0.8 U.S. gal)

OPERATING WEIGHT (approximate)

Tractor weight, including rated capacity of lubricant, coolant, full fuel tank, operator and standard equipment . . . . . 21800 kg (48,060 lb)
Operating weight, including straight-tiltdozer, operator, standard equipment, rated capacity of lubricant, coolant and full fuel tank . . . . . 25725 kg (56,715 lb)

DIMENSIONS (Equipped with straight-tiltdozer.)

Unit: mm (ft.in)



Ground clearance . . . . . 530 mm (1'9")

HYDRAULIC SYSTEM

Hydraulic control Unit: Gear-type hydraulic pump with a capacity (discharge flow) of 194 ltr. (51.0 U.S. gal)/min. at rated engine RPM.
Relief valve setting . . . . . 195 kg/cm^2 (2,770 PSI/19.1 MPa)

Control valves

- One control valve for angledozer
  Positions: Blade lift . . . . . Raise, hold lower and float
- Two control valves for straight-tiltdozer.
  Positions: Blade lift . . . . . Raise, hold lower and float
  Blade tilt . . . . . Left, hold and right

Hydraulic cylinders: Double-acting, piston type

Cylinder	Number of cylinders	Bore
Blade lift	2	110 mm (4.33")
Blade tilt	1	160 mm (6.30")

Hydraulic capacity
Straight-tiltdozer . . . . . 102 ltr. (27 U.S. gal)
Angledozer . . . . . 100 ltr (26 U.S. gal)

DOZER EQUIPMENT

Use of high-tensile-strength steel in moldboard for strengthened blade construction. Hydraulic pipings for blade tilting are housed inside the dozer frame and protected from damage.

	Overall length with dozer	*Blade capacity	Blade length×height	Max. lift above ground	Max. drop below ground	Max. tilt adjustment	Additional weight		Additional ground pressure
							Dozer equipment	Hydraulic control unit	
Straight-tiltdozer	6060 mm (19'11")	5.9 m^3 (7.7 cu.yd)	4365 mm × 1390 mm (14'4" × 4'7")	1360 mm (4'6")	540 mm (1'9")	500 mm (1'8")	3430 kg (7,560 lb)	495 kg (1,090 lb)	0.06 kg/cm^2 (0.85 PSI/5.88 kPa)
Angledozer	6350 mm (20'10")	3.9 m^3 (5.1 cu.yd)	4890 mm × 1035 mm (16'1" × 3'5")	1350 mm (4'5")	550 mm (1'10")	400 mm (1'4")	3590 kg (7,910 lb)	490 kg (1,080 lb)	0.06 kg/cm^2 (0.85 PSI/5.88 kPa)

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

D85P-21 SPECIFICATIONS

ENGINE

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

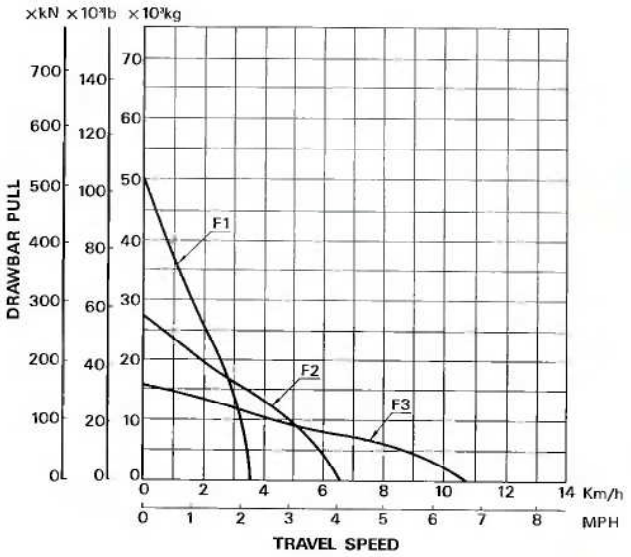
Flywheel horsepower:
225 HP (168 kW) at 2000 RPM (SAE J1349)
228 PS (168 kW) at 2000 RPM (DIN 6270 NET)
Max. torque. 102 kg.m (738 ft-lb/1001 N-m) at 1400 RPM
Direct-injection fuel system with mechanical all-speed governor. Gear-pump-driven force-lubrication with full-flow filter. Dry-type air cleaner with automatic dust evacuator for longer element service and dust indicator for simplified maintenance. Corrosion resistor prevents dust and scale from being generated in the coolant. Electrical 24-volt starting system.

TORQFLOW TRANSMISSION

Komatsu's unique TORQFLOW transmission consists of a water-cooled 3-element, 1-stage, 1-phase torque converter and a planetary-gear, multiple-disc clutch transmission, both of which are hydraulically actuated and force-lubricated for optimum heat dissipation. It allows single-lever control of all speeds (3 forward and 3 reverse) and directional changes. Gearshift lock lever and neutral safety switch prevent the machine from accidental starts.

Travel speeds km/h (MPH)

	Forward	Reverse
1st	0— 3.5 (2.2)	0— 4.7 (2.9)
2nd	0— 6.5 (4.0)	0— 8.3 (5.2)
3rd	0—10.7 (6.6)	0—13.3 (8.3)



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

STEERING

Wet, multiple-disc, hand-operated steering clutches are hydraulically boosted and interconnected with wet, contracting-band, foot-operated steering brakes to allow easy, light-touch steering/braking actions.

FINAL DRIVE

Spur gear, double-reduction final drives. Segmented sprockets are installed on the hub with bolts for easy in-field replacement.

UNDERCARRIAGE

Suspension . . . . . Oscillation type equalizer bar
Track roller frame . . . . . Box-section, high-tensile-strength steel construction.
Rollers and idlers . . . . Lubricated idlers, track and carrier rollers are sealed with floating seals.
Number of track rollers . . . . . 8 each
Number of carrier rollers . . . . . 2 each
Track shoes . . . . . Assembled swamp shoes. Unique dust seals prevent entry of dust into pin-to-bushing clearances for extended service. Track tension is easily adjusted with a grease gun.
Number of shoes . . . . . 45 each
Grouser height . . . . . 123 mm (4.8")
Shoe width (standard) . . . . . 910 mm (35.8")
Ground contact area . . . . . 63340 cm^2 (9280 sq.in)
Ground pressure (tractor) . . . . . 0.35 kg/cm^2 (4.98 PSI/34 kPa)

COOLANT & LUBRICANT CAPACITY (refilling)

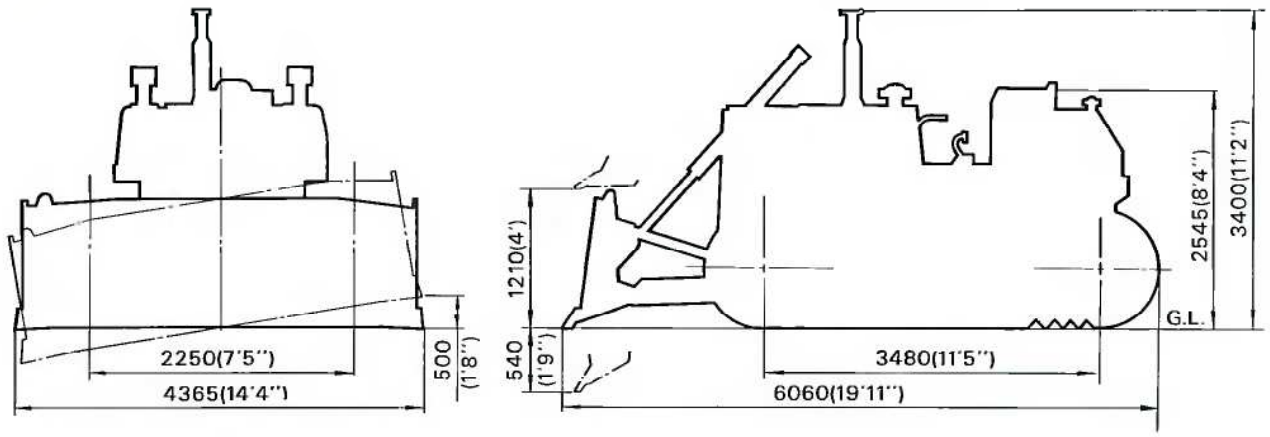
Coolant	79 ltr. (20.9 U.S. gal)
Fuel tank	480 ltr. (126.8 U.S. gal)
Engine	27 ltr. (7.1 U.S. gal)
Torque converter, transmission	
Bevel gear case, steering case	90 ltr. (23.8 U.S. gal)
Final drive (each side)	51 ltr. (13.5 U.S. gal)
Undercarriage (each side)	3 ltr. (0.8 U.S. gal)

OPERATING WEIGHT (approximate)

Tractor weight, including rated capacity of lubricant, coolant, full fuel tank, operator and standard equipment . . . . . 21800 kg (48,060 lb)
Operating weight, including straight-tiltdozer, operator, standard equipment, rated capacity of lubricant, coolant and full fuel tank . . . . . 25725 kg (56,715 lb)

DIMENSIONS (Equipped with straight-tiltdozer.)

Unit: mm (ft.in)



Ground clearance . . . . . 530 mm (1'9")

HYDRAULIC SYSTEM

Hydraulic control Unit: Gear-type hydraulic pump with a capacity (discharge flow) of 194 ltr. (51.0 U.S. gal)/min. at rated engine RPM.
Relief valve setting . . . . . 195 kg/cm^2 (2,770 PSI/19.1 MPa)

Control valves

- One control valve for angledozer
  Positions: Blade lift . . . . . Raise, hold lower and float
- Two control valves for straight-tiltdozer.
  Positions: Blade lift . . . . . Raise, hold lower and float
  Blade tilt . . . . . Left, hold and right

Hydraulic cylinders: Double-acting, piston type

Cylinder	Number of cylinders	Bore
Blade lift	2	110 mm (4.33")
Blade tilt	1	160 mm (6.30")

Hydraulic capacity
Straight-tiltdozer . . . . . 102 ltr. (27 U.S. gal)
Angledozer . . . . . 100 ltr (26 U.S. gal)

DOZER EQUIPMENT

Use of high-tensile-strength steel in moldboard for strengthened blade construction. Hydraulic pipings for blade tilting are housed inside the dozer frame and protected from damage.

	Overall length with dozer	*Blade capacity	Blade length×height	Max. lift above ground	Max. drop below ground	Max. tilt adjust-ment	Additional weight		Additional ground pressure
							Dozer equipment	Hydraulic control unit	
Straight-tiltdozer	6060 mm (19'11")	5.9 m^3 (7.7 cu.yd)	4365 mm × 1390 mm (14'4" × 4'7")	1360 mm (4'6")	540 mm (1'9")	500 mm (1'8")	3430 kg (7,560 lb)	495 kg (1,090 lb)	0.06 kg/cm^2 (0.85 PSI/5.88 kPa)
Angledozer	6350 mm (20'10")	3.9 m^3 (5.1 cu.yd)	4890 mm × 1035 mm (16'1" × 3'5")	1350 mm (4'5")	550 mm (1'10")	400 mm (1'4")	3590 kg (7,910 lb)	490 kg (1,080 lb)	0.06 kg/cm^2 (0.85 PSI/5.88 kPa)

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

STANDARD EQUIPMENT

- TORQFLOW transmission
- Lever steering
- 560 mm (22") single-grouser shoe (D85A/E)
- 910mm (35.8") swamp shoes (D85P)
- Hydraulic track adjusters
- 24 V/7.5 kW electric starters
- 24 V/35 A alternator
- Track-roller guards
- Decelerator pedal
- Segmented sprockets
- Final drive case wear guard
- Adjustable operator seat
- Dry-type air cleaner with automatic dust evacuator and dust indicator
- 2 x 12 V/170 Ah batteries
- Lower guard with front pull hook
- Lighting system (including 1 rear and 2 front lights)
- Wet-type steering clutches and brakes

ATTACHMENTS AND OPTIONAL EQUIPMENT

ROPS canopy: Meets ISO 3471 and SAE J1040 APR88 ROPS standards, as well as ISO 3449 FOPS standard.
Additional weight . . 1040 kg (2,290 lb)
Roof dimensions
Length . . . . . 1665 mm (5'6")
Width . . . . . 1625 mm (5'4")
Height from compartment floor
. . . . . 1775 mm (5'10")
Additional ground pressure
. . . . 0.03 kg/cm² (0.43 PSI/2.9 kPa)

Steel cab:
Additional weight . . .500 kg (1,100 lb)
Dimensions
Length . . . . . 1685 mm (5'6")
Width . . . . . 1575 mm (5'2")
Height from compartment floor
. . . . . 1670 mm (5'6")
Additional ground pressure
. . . 0.02 kg/cm² (0.22 PSI/1.54 kPa)

Multishank ripper: Rigid, hydraulically controlled parallelogram-type ripper with 3 shanks. Digging angle fixed at 54°.
Additional weight (including hydraulic control unit) . . . 2700 kg (5,950 lb)
Beam length . . . . . 2227 mm (7'4")
Max. lift above ground
. . . . . 555 mm (1'10")
Max. digging depth . . 665 mm (2'2")
Additional ground pressure
. . . . 0.08 kg/cm² (1.14 PSI/7.8 kPa)

TRACK SHOE SELECTION

		Additional weight kg (lb)	Ground contact area cm² (sq.in)	Additional ground pressure kg/cm² (PSI/kPa)
D85A	610 mm (24") Single grouser shoes	+150 (330)	34650 (5,370)	−0.04 (0.57/3.9)
	660 mm (26") Single grouser shoes	+310 (680)	37490 (5,810)	−0.08 (1.14/7.8)
	560 mm (22") Extreme service shoes	+340 (750)	31810 (4,930)	+0.01 (0.14/0.98)
D85E	610 mm (24") Extreme service shoes	+150 (330)	37210 (5,767)	−0.04 (0.57/3.9)
	660 mm (26") Extreme service shoes	+310 (680)	40260 (6,240)	−0.08 (1.14/7.8)
	560 mm (22") Heavy-duty shoes	+340 (750)	34160 (5,295)	+0.01 (0.14/0.98)
D85P	910 mm (35.8") Single grouser shoes	−146 (322)	37210 (5,767)	0

Towing winch
Type . . . . . Single drum, reversible, gear-driven
Additional weight . . . 1660 kg (3660 ld) without cable
Relief valve setting . . . . . 15.5 kg/cm² (220 PSI/1.5 MPa)
Cable dia. x length . . . . . 26 mm x 65 m (1.02" x 213 ft)
Line pull: Bare drum . . . . . 45500 kg (100,310 lb/445 kN)
Full drum . . . . . 45500 kg (100,310 lb/445 kN)

OTHERS Swing-type drawbar, Rigid-type drawbar, Coolant preheater, Reversible fan, Cab heater, Engine side covers, Fire extinguisher, Air-conditioner, Tinted cab glass, Wiper, Seat belt, Backup alarm, Vandalism protection, Panel cover, Suspension seat, Tool kit and ordinary spare parts.

This specification sheet may contain attachment and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.

KOMATSU

From No. HESS151003
Printed in Japan 200210 IP:B(05)