

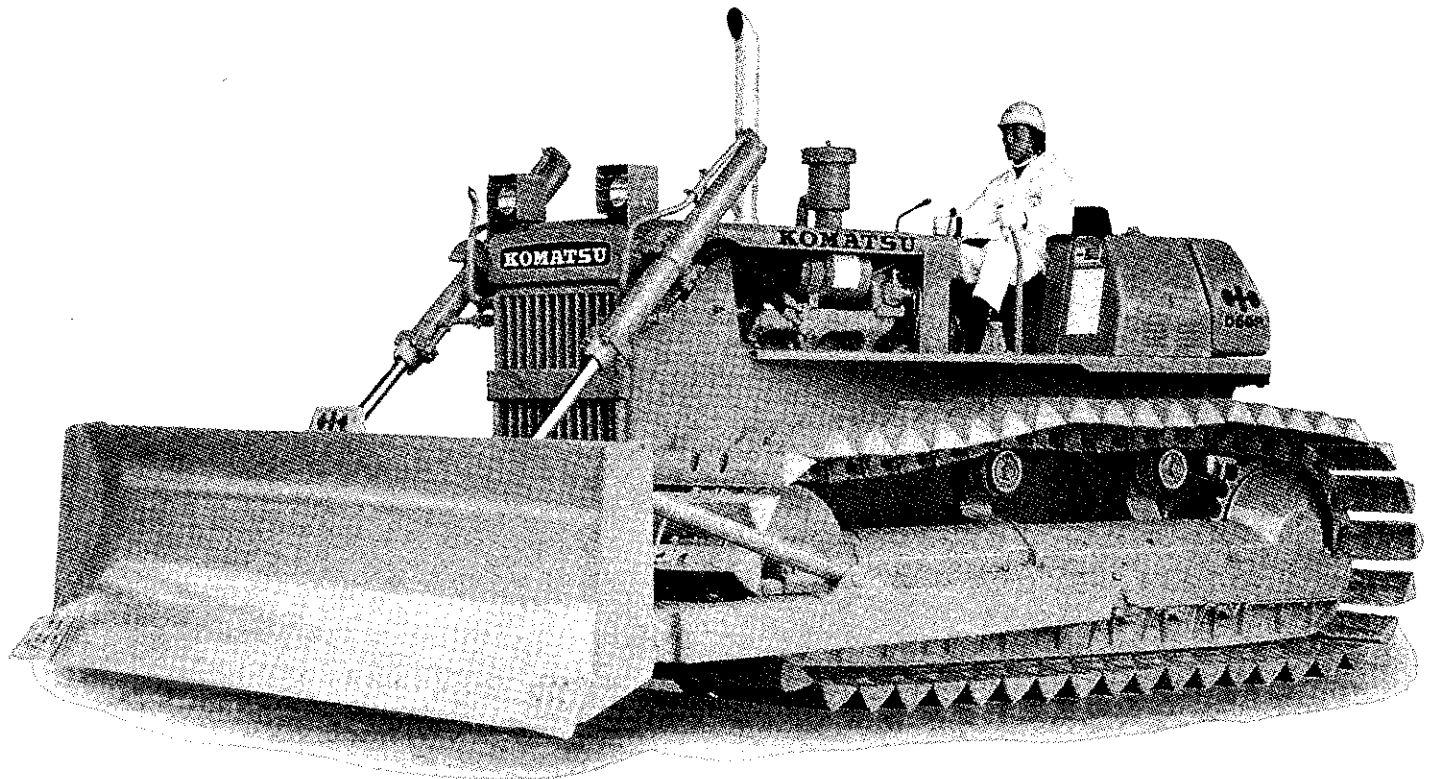


KOMATSU

D60P-6

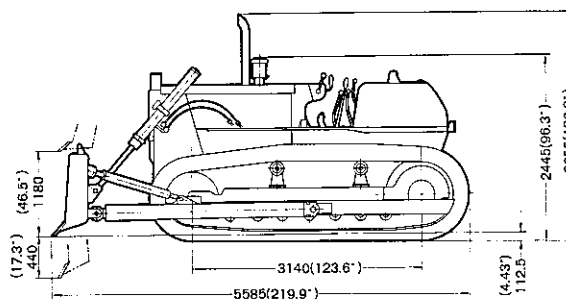
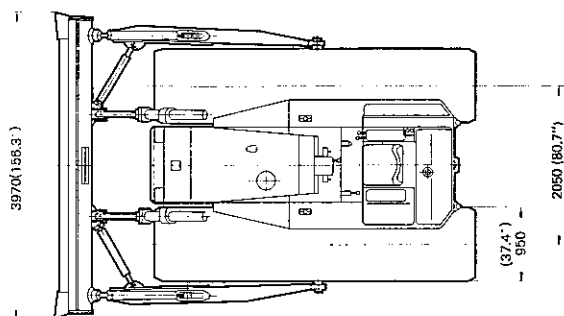
SWAMP BULLDOZER

FLYWHEEL HORSEPOWER: 140 HP/1600 RPM
OPERATING WEIGHT: 17000 kg (37,480 lb)



- Direct-injection-type CUMMINS diesel engine for ample reserve power and fuel economy.
- Forward-reverse lever for quick and easy directional change of travel and shorter cycle time.
- Heavy-duty, constant-mesh transmission for smooth gear shifting.
- No drop in machine speed due to shoe slippage through the use of swamp grousers, which minimize mud adhering to track shoes.
- Oil-cooled steering clutches and brakes for years of dependable service.
- Floating seals in all rollers, idlers and sprockets for minimal lubrication and extended serviceability of undercarriage.
- Exclusive KOMATSU dust seals to prevent abrasive particles from entering the track linkages for extended track life.
- ATTACHMENTS
 - Straightdozer • Rakedozer • Backhoe • Towing winch • Canopy • Steel cab
 - Straight-tilt dozer • Rear-mounted power control unit

D60P-6 SPECIFICATION



ENGINE

Model	CUMMINS NH-220-CI
Type	Water-cooled, 4-cycle, overhead valve, direct-injection type, diesel
No. of cylinders—bore x stroke	6—130.2 mm x 152.4 mm (5.125" x 6")
Piston displacement	12170 cc (743 cu.in.)
Performance:	
Flywheel horsepower	140 HP/1600 RPM
Max. torque	76 kg.m (550 ft.lb)/1000 RPM
Fuel consumption ratio	185 g (0.41 lb)/HP.h
Fuel system:	
Fuel oil	Diesel gas oil, ASTM Specification D975-60T No. 2D
Governor	Mechanical, all-speed control
Lubrication system:	
Lubrication method	Gear pump, forced lubrication
Filter	Full-flow and by-pass
Oil cooler	Water-cooled
Cooling system	Forced circulation by centrifugal water pump, pushed type fan
Air cleaner	Dry type with pre-cleaner
Starting method	Electric starting motor
Starting motor	24 V, 7.4 KW
Generator	24 V, 0.3 KW
Battery	24 V, (12 V x 2)—200 Ah

PERFORMANCE

Travel speed and rated drawbar pull		
	Travel speed	Rated drawbar pull
Forward	1st 2.5 km/h (1.6 MPH)	12880 kg (28,400 lb)
	2nd 3.5 km/h (2.2 MPH)	9200 kg (20,280 lb)
	3rd 5.0 km/h (3.1 MPH)	6460 kg (14,240 lb)
	4th 7.0 km/h (4.3 MPH)	4590 kg (10,120 lb)
	5th 10.3 km/h (6.4 MPH)	3140 kg (6,920 lb)
Reverse	1st 3.2 km/h (2.0 MPH)	
	2nd 4.5 km/h (2.8 MPH)	
	3rd 6.5 km/h (4.0 MPH)	
	4th 9.1 km/h (5.7 MPH)	
Max. drawbar pull		15620 kg (34,440 lb)
Gradeability		30°

POWER TRANSMITTING SYSTEM

Main clutch	Wet, multiple disc, over-center engagement with inertia brake, hand-operated with hydraulic booster
Transmission:	
Type	Helical gear, constant mesh type, hand-operated, forced lubrication
Gear shift	5 forward and 4 reverse
Bevel gear	Spiral bevel gear
Steering system:	
Steering clutch	Wet, multiple disc, coned disc spring-loaded, hydraulically actuated, hand-operated
Steering brake	Wet, contracting band, foot-operated
Final drive	Spur gear, double reduction

UNDERCARRIAGE

Suspension	Oscillation type, equalizer bar
No. of carrier rollers	2 (each side)
No. of track rollers	7 (each side)
Shoe:	
Type	Assembled, swamp shoe
Grouser height	112.5 mm (4.4")
No. of shoes	44 (each side)

Pitch	203.2 mm (8.0")
Width	950 mm (37.4")

DIMENSIONS

Overall length	5585 mm (219.9")
Overall width	3970 mm (156.3")
Overall height	3055 mm (120.3")
Track gauge	2050 mm (80.7")
Length of track on ground	3140 mm (123.6")
Ground contact area	59660 cm ² (9247 sq.in.)
Ground pressure	0.28 kg/cm ² (3.98 PSI)
Ground clearance	510 mm (20.1")

DRAWBAR

Type	Pin, fixed
Height of drawbar above ground	870 mm (34.3")

POWER TAKE-OFF

Location	Rear of flywheel housing and rear of steering case
Shaft RPM (at engine 1600 RPM)	1875 RPM and 1655 RPM
Rotational direction	Clockwise and anti-clockwise (as viewed from drive side)

CAPACITY

Coolant	55 ltr (15 U.S. Gal)
Fuel tank	280 ltr (74 U.S. Gal)
Lubricating oil:	
Engine	43 ltr (11 U.S. Gal)
Main clutch	21 ltr (5.5 U.S. Gal)
Transmission	80 ltr (21 U.S. Gal)
Bevel gear	
Steering system	26 ltr (6.7 U.S. Gal)
Final drive (each side)	

DOZER EQUIPMENT

Type	Straight dozer, hydraulically controlled
Weight	2100 kg (4,630 lb), including cylinder support 40 kg (90 lb)
Blade:	
Length	3970 mm (156.3")
Height	1050 mm (41.3")
Digging angle	55°
Max. lift above ground	1180 mm (46.5")
Max. drop below ground	440 mm (17.3")
Max. tilting adjustment	400 mm (15.7")

HYDRAULIC CONTROL UNIT

Weight	400 kg (880 lb)
Max. oil pressure	140 kg/cm ² (2000 PSI)
Hydraulic cylinder:	
Type	Double-acting piston
No. of cylinders—bore	2—110 mm (4.3")
Oil pump:	
Type	Gear pump
Capacity (discharge flow)	270 ltr (71 U.S. Gal)/min at engine 1600 RPM
Location	Rear of engine
Control valve:	
Type	Spool type
Position	Raise, hold, lower and float
Hydraulic oil tank:	
Type	Equipped with built-in control valve
Location	Right side of operator's seat
Hydraulic oil	110 ltr (29 U.S. Gal)
Filter	Full-flow
OPERATING WEIGHT	17000 kg (37,480 lb)

Specifications are subject to change without notice.

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