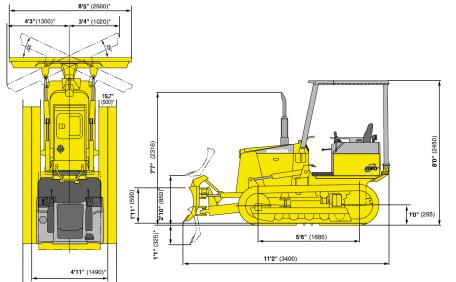
KOMATSU D20P. D21P





Dimensions:



KOMATSU D20P. D21P

Japanese Manufactured, Worlds No 1 selling Dozer - with "A" tracks for superior stability. 4 Cylinder Komatsu Diesel Fuel efficiency 40HP engine. These Dozers are well suited for small acreage to the man on the land that leads to clear small to medium scrub. Ripper options are available for all Dozers and can be packaged with ROPS canopy if required to the application intended.

Full workshop service and supplied with workshop manual. These Dozers are not toys, they surprise most 1st time users as to there strength and capabilities.

Specifications



ENGINE - EPA CERTIFIED

Model Komatsu 4D94E Flywheel Horsepower 40 HP/29.5kw@2,450 rpm Max torque 112 ft. lb. 152 Nm@1,300 rpm No. of cylinders 4 Bore/Stroke 3.57"/3.94" 94/100 mm Displacement 169 cu. in. 2.8 ltr.
Fuel injection
Cooling system Dual circuit, thermostatically controlled
liquid cooling
Electrical system
Battery
Alternator
Air filter dry air filter with pre-filter and safety cartridge



TRANSMISSION

The D21 is equipped with Komatsu's unique HYDROSHIFT transmission which simplifies operator control for more accurate blade/machine placement. This powershift transmission offers smooth, easy maneuvering with greater tractive effort. The Komatsu HYDROSHIFT transmission with planetary gears is hydraulically-controlled and force-lubricated, providing simplified direction and speed changes

Gears	
Forward/Reverse	
Speeds	Forward 1st gear 1.6 mph 2.6 km/h
	2nd gear 2.7 mph 4.4 km/h
	Reverse 1st gear 2.1 mph 3.3 km/h
	2nd gear 3.5 mph 5.6 km/h
Max. drawbar pull	



STEERING SYSTEM

Single-steering lever controls all direction movement. Wet, multiple-disc steering clutches are Proportional Pressure Controlled (PPC) and interconnected with dry, contracting-band steering brakes to allow easy, light touch steering/braking actions.

A PPC valve built into the steering circuit facilitates smooth, shockless steering control. Inching pedal assures smooth, easy starting and stopping, precise inching approaches to obstacles and impact digging.

UNDERCARRIAGE

Sealed and lubricated track chain provides for excellent service life.	
Track tension is easily adjusted with a grease gun.	
Suspension	
Track roller frame Box-section, high tensile strength	
steel construction	
Rollers and idlers Lifetime lubricated idlers, track	
and carrier rollers are sealed	
Number of track rollers	
Number of carrier rollers	
Track shoes	
Ground pressure	
Track shoe width 20 1" 510mm	



OPERATING WEIGHT (APPROXIMATE):

Operating weight includes; power angle tilt dozer, rated capacity of lubricant, coolant, full fuel tank, standard equipment and operator.

.....**9,220 lb** 4180 kg

HYDRAULIC SYSTEM

System
on rear of engine
Hydraulic pressure
Hydraulic pump flow
Control valve:
Positions: Blade lift raise, hold, lower and float
Blade angle left, hold and right
Blade tilt
Hydraulic cylinders: Double-acting, piston-type

Blade angling and tilting hydraulic hoses are protected from damage with steel quards



SERVICE REFILL CAPACITIES

System	ar-type hydraulic pump mounted
on rear of engine	
Hydraulic pressure	
Hydraulic pump flow	
Control valve:	Power angle tilt dozer
Positions: Blade lift	raise, hold, lower and float
Blade angle	left, hold and right
Blade tilt	left, hold and right
Hydraulic cylinders:	Double–acting, piston–type

Blade angling and tilting hydraulic hoses are protected from damage

Standard Equipment

Air cleaner, dry-type with automatic evacuator and restriction indicator light

Alternator, 12V, 40 A Alternator indicator light Back-up alarm Battery, 12V, 80 Ah Blower fan, engine Crankcase guard light

Engine pre-heat indicator light

Engine water temperature gauge

Fuel gauge Hitch-type drawbar Hour meter Hydraulic track adjusters Inching, pedal Joystick blade control Lights, front (2) rear (1) Locks, vandalism protection Parking brake PAT blade Safety lock, blade control Safety lock, travel control Engine oil pressure indicator

"A" tracks SWAMP shoes 20.1" 500 mm

Single-lever steering Suspension seat Track roller guards, end section 3" wide seat belt

