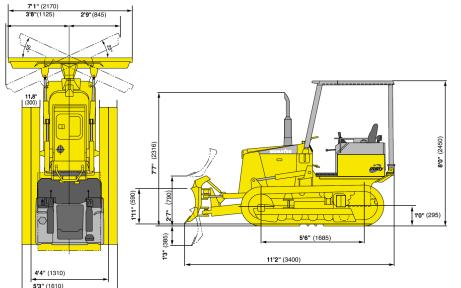
# KOMATSU D20A. D21A



# Dimensions:



# KOMATSU D20A, D21A

Japanese Manufactured, Worlds No 1 selling Dozer - 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
Mod	ol.		

Model Komatsu 4D94E	
Flywheel Horsepower	1
Max torque	
No. of cylinders	
Bore/Stroke	
Displacement	
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/
	Reverse 1st gear 2.1 mph 3.3 km/
	2nd gear 3.5 mph 5.6 km/
May drawbar null	9 970 lb 4520 k



# 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.
1	Track tension is easily adjusted with a grease gun.
1	Suspension
	Track roller frame Box-section, high tensile strength
1	steel construction
	Rollers and idlers Lifetime lubricated idlers, track
	and carrier rollers are sealed
1	Number of track rollers
1	Number of carrier rollers
	Track shoes
	Ground pressure
	Track chan width



# OPERATING WEIGHT (APPROXIMATE):

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



### HYDRAULIC SYSTEM

	System
	Hydraulic pressure
2	Hydraulic pump flow
1	Control valve:
h	Positions: Blade lift raise, hold, lower and float
h	Blade angle left, hold and right
h	Blade tilt
9	Hydraulic cylinders: Double-acting piston-type

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

# SERVICE REFILL CAPACITIES

System	.Gear-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 with steel guards.

# Standard Equipment

Air cleaner, dry-type wit 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 Horn 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 Single–grouser shoes 11.8" 300 mm

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

