

WHEEL DOZER

WD500-3

FLYWHEEL HORSEPOWER : **235kW** 315HP @2100RPM
OPERATING WEIGHT : **26900kg**

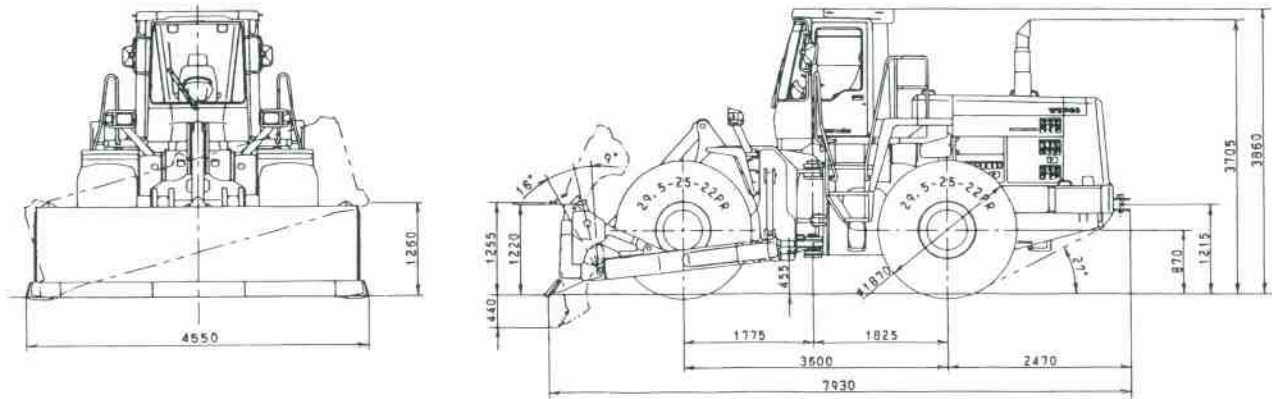


Model shown may include optional equipment.

- *Komatsu components throughout the machine assure years of reliability and high-performance service.*
- *Adjustment-free wet disc brakes for steady braking and extended service life.*
- *Electronic Display and Monitoring System for minimized maintenance.*
- *A Large drawbar horsepower with fuel-efficient, powerful Komatsu S6D140E turbocharged diesel engine for high productivity and maneuverability.*
- *Fingertip control with Electrically Controlled Transmission.*
- *A tiltable steering wheel and fully adjustable suspension seat*

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DIMENSIONS



unit : mm

SPECIFICATIONS

PERFORMANCE:

Travel speeds:

Forward	1st	7.1km/h
	2nd	12.6km/h
	3rd	21.2km/h
	4th	34.8km/h
Reverse	1st	7.9km/h
	2nd	14.1km/h
	3rd	23.5km/h
	4th	38.1km/h

Max.rim pull 26500kg

Turning radius:

Outside corner of blade 7485mm
Center of outside wheel 6160mm

DIMENSIONS

Overall length 7930mm
Overall width, without blade 3190mm
Overall height 3860mm
Wheelbase 3600mm
Tread, front and rear 2400mm
Min. ground clearance 455mm

OPERATING WEIGHT 26900kg

DOZER EQUIPMENT:

Type Hydraulic tilting & pitching
Max. lift above ground 1255mm
Max. drop below ground 440mm
Max. tilt adjustment 1260mm

Blade:

Width 4550mm
Height 1220mm

ENGINE:

Model Komatsu S6D140E
Type Water-cooled, 4cycle, direct-injection,
over head valve, turbocharged diesel engine
No. of cylinders-bore x stroke 6-140 mm x 165mm
Piston displacement 15.2 l
Flywheel horsepower 235kw 315HP / 2100rpm

TORQUE CONVERTER:

Type 3-element, single stage, single phase

TRANSMISSION:

Type Automatic planetary gear type, multiple-disc clutch
hydraulically actuated, forced lubrication

AXLE.

Drive system Four wheel drive
Front Fixed, full floating
Rear Center pin support, full floating

WHEELS:

Tires 29.5-25-22PR

BRAKES:

Service brake Hydraulically wet type multiple disks
brakes, actuated all four wheels
Parking brake Wet, multiple-disc brake actuates
front drive shaft
Emergency brake Parking brake actuates as
emergency brake

STEERING:

Type Articulated type, full hydraulic power steering
Steering angle 40. each direction

HYDRAULIC SYSTEM:

Steering:

Hydraulic pump Gear pump
Relief valve setting 20.6Mpa 210 kg /cm² (2990PSI)
Hydraulic cylinder:

Type Double acting, piston type
No. of cylinders-bore x stroke 2-110mm x 486mm
Control valve Rotary valve + demand valve
Dozer control:

Hydraulic pump 2 gear pumps, one for switch pump
Relief valve setting 20.6Mpa 210 kg /cm² (2990PSI)
Hydraulic cylinder:

Type Double acting, piston type
No. of cylinders-bore x stroke
Lift cylinder 1-140mm x 1020mm
Tilt cylinder 2-140mm x 239mm

Control valve Double spool type, pilot control

HITCH:

Type Fixed type

Specifications are subject to change without notice.

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