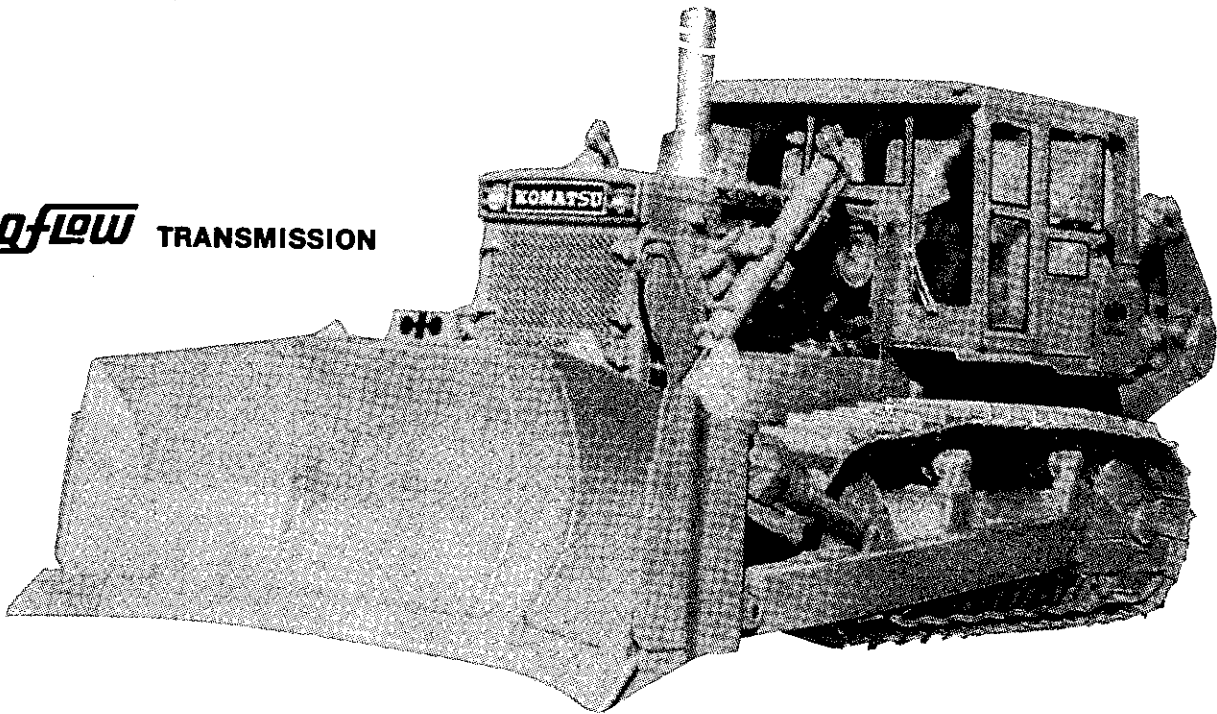


KOMATSU

D155A-1 CRAWLER DOZER

TORQFLOW TRANSMISSION



STANDARD FEATURES

- S6D155-4 turbocharged diesel engine delivers 320 hp. Keeps full rated power to 9,800 ft (3000 m)
- High torque rise provides superior drawbar pull
- Interconnected steering clutches and brakes, hand operated, hydraulically controlled for operator comfort and ease of maintenance
- Sturdy box-type main frame resists shock and twisting
- Oscillating equalizer bar ensures machine stability
- Exclusive Komatsu track seals provide extended track life

power take-off

Location rear mounted
 Shaft rpm
 (at engine 2000 rpm)
 Rotational direction Clockwise (as viewed from drive side)

dimensions (tractor) see chart

Ground contact area 5,971 sq. in. (38,552 cm²)
 Ground pressure
 with 22" shoe 11.35 psi (0.80 kg/cm²)
 with 22" extreme service shoe 11.52 psi (0.81 kg/cm²)
 with 24" shoe 10.48 psi (0.74 kg/cm²)
 with 26" shoe 9.74 psi (0.69 kg/cm²)
 with 28" shoe 9.11 psi (0.64 kg/cm²)
 Ground clearance 19.7" (500 mm)
 Grade ability 30°

OPERATING WEIGHT: Total weight of tractor with full fuel tank as well as with lubricants and coolants in the specified amounts (including weight of ROPS bracket, hydraulic controls). 62,579 lb (28,384 kg)*

*Based on tractor with 24" shoe.

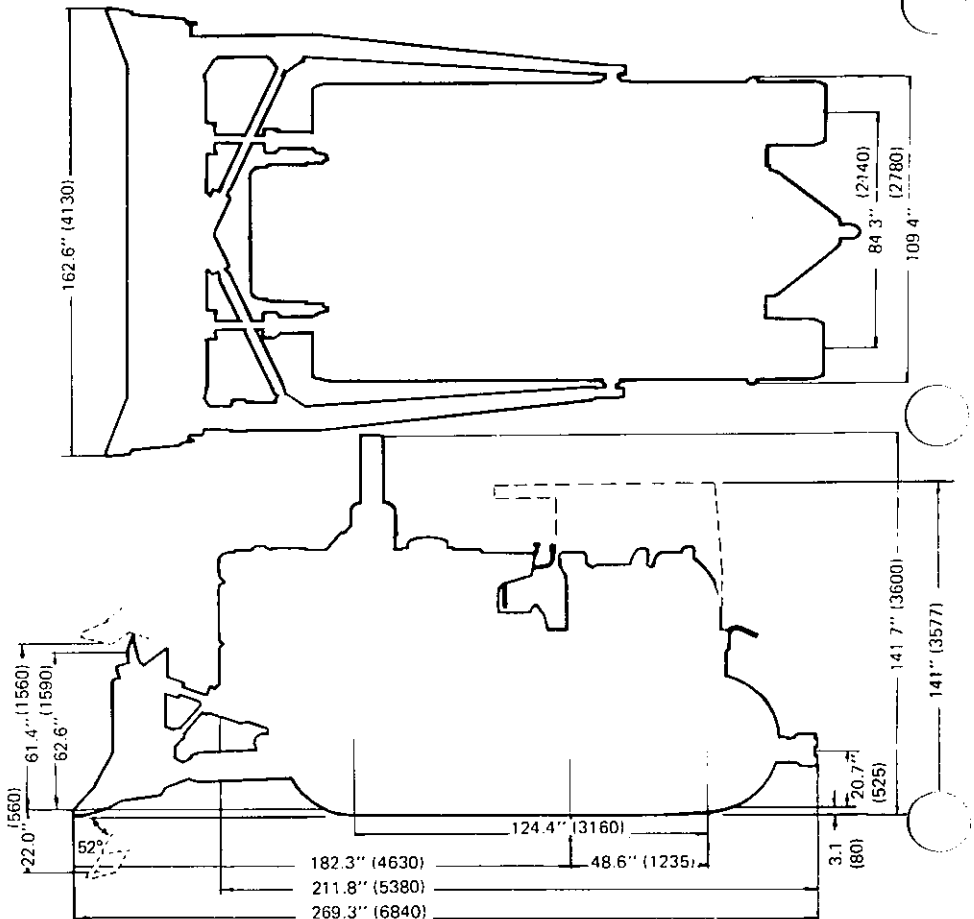
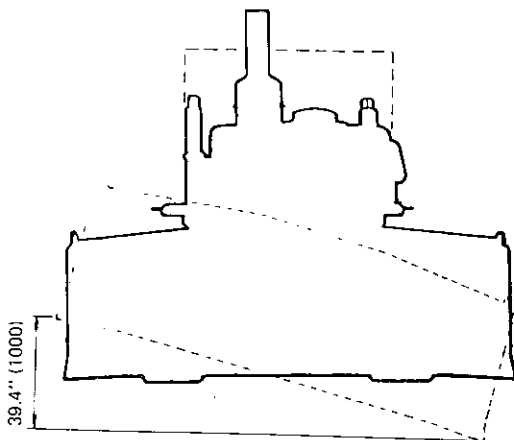
straight-tilt dozer

DIMENSIONS: see chart

Ground pressure
 with 22" shoe 13.89 psi (0.97 kg/cm²)
 with 22" extreme service shoe 14.07 psi (0.99 kg/cm²)
 with 24" shoe 12.80 psi (0.90 kg/cm²)
 with 26" shoe 11.88 psi (0.84 kg/cm²)
 with 28" shoe 11.11 psi (0.78 kg/cm²)

chart of dimensions

Figures in parentheses (—) indicate millimeters.



DOZER EQUIPMENT:

Type Straight and hydraulically tilting blade
 Weight 12,570 lb (5700 kg), includes cylinder support 1,980 lb (900 kg)

HYDRAULIC CONTROL UNIT:

Weight 1,700 lb (770 kg)
 Max. oil pressure 2000 psi (140 kg/cm²)

Hydraulic cylinder:

Type Double-action piston
 No. of cylinders—bore Lift cylinder: 5.51" (2 x 140 mm)
 Tilt cylinder: 8.86" (1 x 225 mm)

Oil pump:

Type Gear pump
 Capacity (discharge flow) 94 U.S. gal/min (355 ltr/min)
 at engine 2000 rpm

Location Right side of flywheel housing

Control valve: 3 valves standard

Type Spool type

Position:

Lift Raise, hold, lower and float

Tilt Left, hold and right

Hydraulic oil tank:

Type Equipped with built-in control valve

Location Right side of operator's seat

Filter Full-flow type

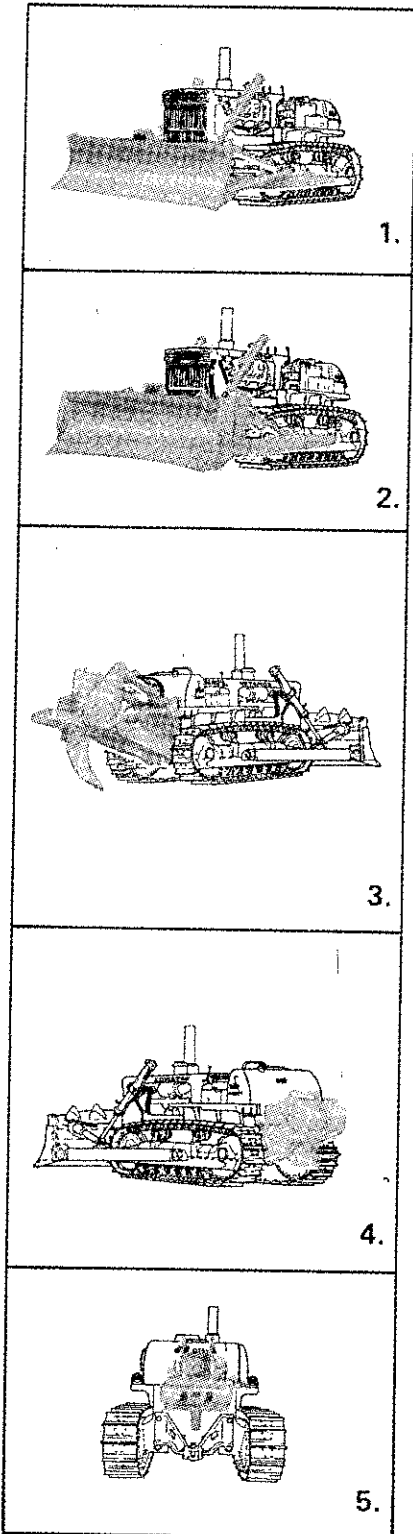
Hydraulic oil 43 U.S. gal (164 ltr)

OPERATING WEIGHT: 76,459 lb (34,679 kg)*

*Based on tractor with 24" shoe, straight-tilt dozer equipment and ROPS installed.

ATTACHMENTS

VERSATILITY — The wide range of attachments and blade types available for use with your D155A-1 dozer gives you the versatility you need for handling a variety of jobs.



1. ANGLEDOZER

The Angledozer has a blade which can be angled right or left by manual adjustment of the brace length. It is generally used for lateral movements of earth or snow.

SPECIFICATIONS

Type	Manual angling and tilting		
Weight	12,170 lb	Max. lift above ground	58.1"
Blade:	Length x height 190.9" x 44.9"	Max. drop below ground	24.6"
		Max. tilt adjustment	15.7"
Digging angle	55°	Blade angle	25°
Capacity	8.24 cu. yd		

2. U-DOZER

The U-Dozer has a specially designed blade which minimizes side spillage, and is particularly well suited to transporting large quantities of earth at one time.

SPECIFICATIONS

Type	U-dozer with tilt cylinder, hydraulically controlled		
Weight	14,040 lb	Max. lift above ground	61.0"
Blade:	Length x height 166.3" x 62.4"	Max. drop below ground	22.4"
		Max. tilt adjustment	40.2"
Digging angle	52°	Blade wing angle	25°
Capacity	13.9 cu. yd		

3. RIPPER

The rear mounted ripper is used to break up and crush hard materials in construction work or stockpiling. Two types are available for the D155A — a Hydraulic Ripper, and a Giant Ripper with variable digging angle.

SPECIFICATIONS

Type	Parallelogram Ripper	Giant Ripper
Weight	12,210 lb	11,130 lb
Number of shanks	3	1
Digging depth	32.9"	48.8"
Beam length	95.3"	45.5"
Max. lift above ground	35.0"	38.0"
Tooth point	Replaceable & reversible	Replaceable
Digging angle	45°, std (ripper is stepless adjustable between 34°30' ~ 60°)	45°, std (ripper is stepless adjustable between 34°25' ~ 60°)
Digging position	2-stage adjustable	4-stage adjustable

4. TOWING WINCH

The towing winch is a valuable addition to any equipment, providing a means of pulling, lifting and lowering of heavy materials. Wire rope is automatically wound or paid out under the operator's control.

SPECIFICATIONS

Type	Power-controlled, gear drive, single drum, reversible		
Weight	3,925 lb	Drum dimensions:	
Drum dimensions:	Length 38.6"	Drum diameter	14.0"
		Flange diameter	25"
Width overall	48"	Bare drum line speed	140 ft per min.
Height	47"	Bare drum line pull	120,000 lb max.
		Cable capacity	192 ft x 1.25" dia.

Specifications are based on Hyster Towing Winch. Carco Towing Winch is also available.

5. POWER CONTROL UNIT

A rear mounted Power Control Unit is used to provide and control power for such attachments as a carried scraper or cable powered dozer blade.

SPECIFICATIONS

Weight	3,200 lb	Drum line pull	6,610 lb
Drum diameter	11.3"	Cable size & length	0.55" x 298'
Drum line speed	522 ft per min.		

(Specifications are subject to change without notice.)