

SECTION **1G**

SPECIAL BULLDOZERS

AMPHIBIOUS BULLDOZER

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- **Can do dozing work in water up to 7 meters deep. The duct can be bent backward to any angle up to 90° so that the amphibious bulldozer can pass under bridges and be transported.**
- **Levels land or seabed in any weather.**
- **Powerful digging, big volume pushing.**
- **Apron-attached blade increases operating efficiency.**
- **High mobility.**
- **Two methods of control: remote radio control and direct wire control.**
- **Completely water-tight.**
- **Complete operational safety.**
- **Lubrication-free lever linkage.**
- **Simple inspections and service.**
- **Wide range of attachments increase its versatility.**

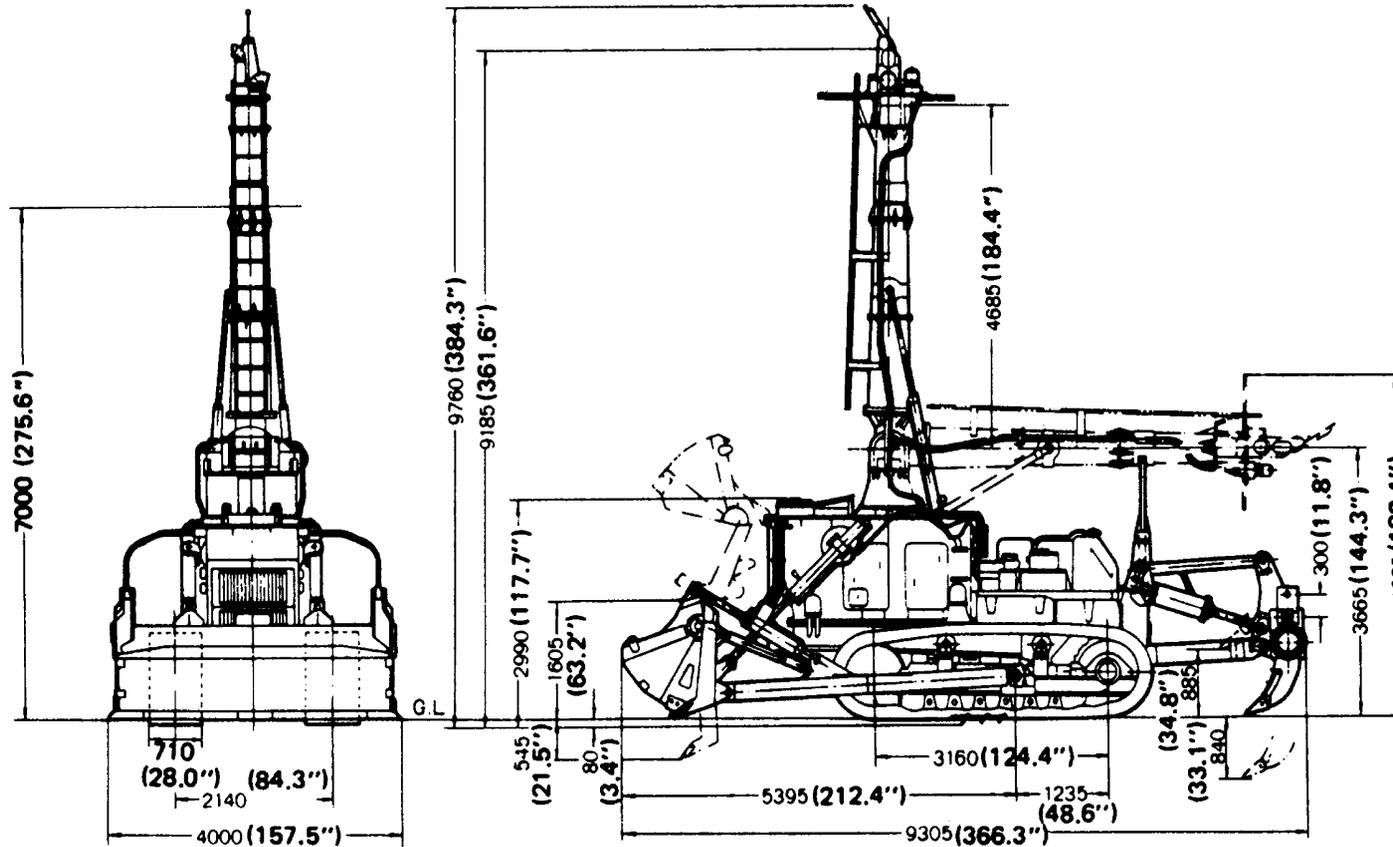
Specifications

SPECIAL BULLDOZERS AMPHIBIOUS BULLDOZER

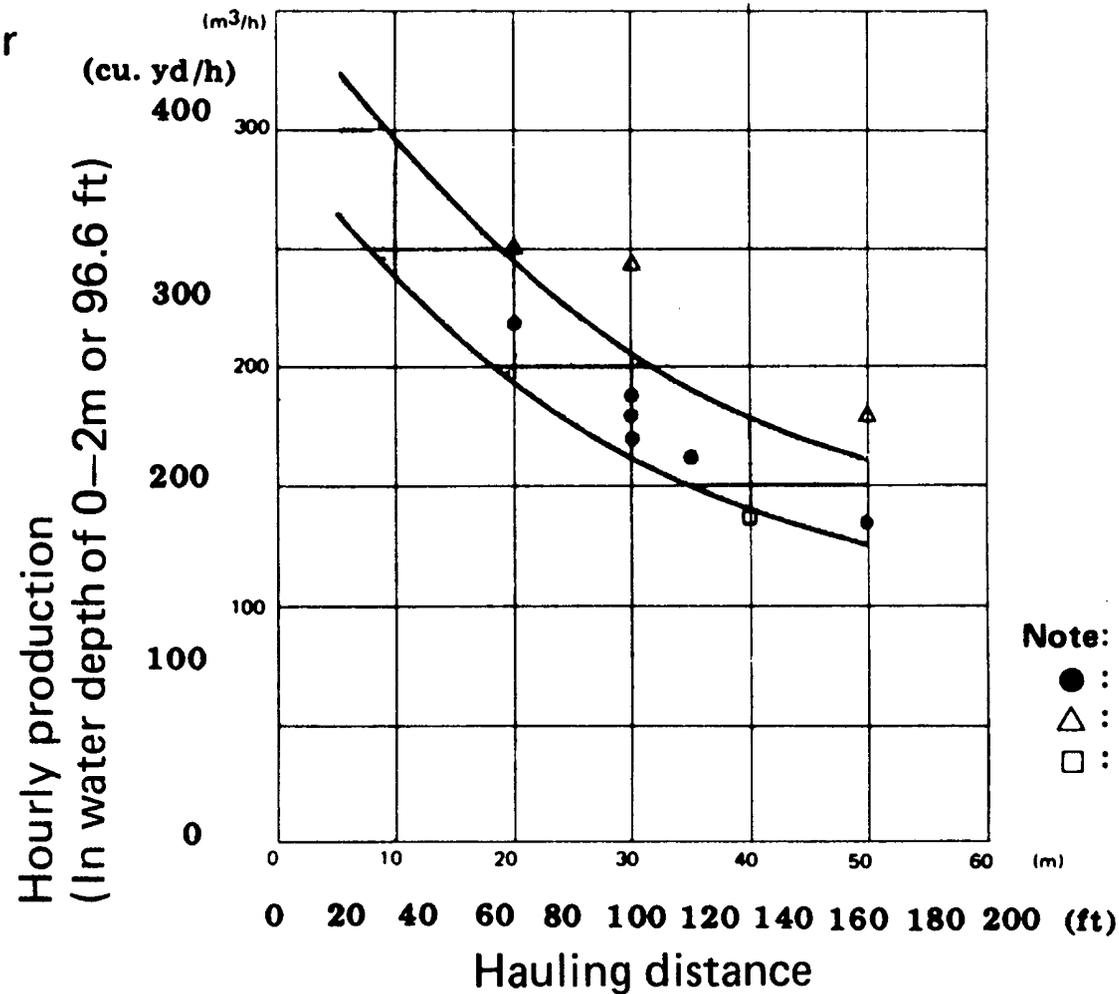
Item	Model	D155W-1	Remarks
Effective operating depth	m(ft.in)	7 (23')	27900kg (61,520lb) in the water
Operating weight(approx.)	kg(lb)	43500 (95,920)	
Flywheel horsepower	HP(KW)RPM	270(201)2000	
Performance:			
Travel speeds: Forward 1st	km/h(MPH)	3.6 (2.2)	
2nd		6.5 (4.0)	
Reverse 1st		4.3 (2.8)	
2nd		7.7 (4.8)	
Dimensions:			
Ground pressure	kg/cm ² (psi/kpa)	0.97 (13.8/95)	0.62kg/cm ² (8.8psi)in the water
Ground clearance	mm(in)	430 (16 9")	
ENGINE:			
Model		KOMATSU S6D155	
No.of cylinders -bore x stroke	mm(in)	6 – 155 x 170 (6.1" x 6.7")	
Piston displacement	ltr(cu.in)	19.26 (1175)	
Transmitter equipment:			
Effective control range		Within a 50m(164ft) radius	
Control system		Dual combination low-frequency unit	
Transmitting radio frequency		141.68 – 141.96MHz (40kHz – channel spacing)	
Dozer equipment:			Blade:Apron is attached
Capacity of apron	m ³ (cu.yd)	3.8 (5.0)	
Max.blade lift above ground	mm(ft.in)	1605 (5' 3")	
Max.blade drop below ground	mm(ft.in)	545 (1' 9")	
Hydraulic ripper:			
Number of shanks		3	
Shank pitch	mm(ft.in)	1120 (3' 8")	
Max. lift above ground	mm(ft.in)	885 (2'11")	

KOMATSU D155W AMPHIBIOUS BULLDOZER

With Ripper (Standard)



**D155W Amphibious Bulldozer
 Production Estimate**



Note:
 ● : Gravel-sand mixture in-water operation
 △ : Sand on-land operation
 □ : Hard clay on-land operation