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SECTION 7A

MOTOR GRADERS

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Outstanding operating comfort

- Operator's compertment is mounted on rear frame, giving the driver excellent visibility and ease of operation.
- Control levers are arranged in a rational configuration, allowing them to be operated simultaneously.
- Control lever wings and steering post are separate, so they can be independently adjusted to their ideal operating positions.
- Newly designed cab and exterior roll-over protective structure(ROPS)provide excellent visibility and ample workspace.

High productivity

- Komatsu diesel engine offers high power and maximum fuel economy.
- Weight distribution is virtually perfect, making it possible to dig harder ground while maintaining high machine stability
- Blade circle is securely supported by four guide shoes, assuring precise blade operation.
- Tough efficient hydraulic system makes best use of every part of the machine.

Designed for maximum uptime

- Sturdily-built main frame and tough power train make it easy to complete heavy-duty iobs.
- Electronic display and monitoring system keeps maintenance down, increases machine availability. (GD525A, GD625A, GD825A)
- Wet multiple-disc brakes and lock/unlock differential deliver smoother, safer operation. (GD525A and GD625A)

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Item	Model	GD200A-1	GD300A-1	GD461A-1	GD510R-1
OPERATING WEIGHT*	kg(lb)	5100 (11,240)	7500 (16,530)	9050 (19,950)	10800 (23,810)
FLYWHEEL HORSEPOWER:					
SAE	HP(kW)/rpm	65(48)/2300	75(56)/2400	113(84)/2500	125(93)/2500
DIN	PS(kW)/rpm			115(84)/2500	126(93)/2500
PERFORMANCE:					
Travel speeds:	km/h(MPH)				Low High
Forward 1st		3.8 (2.4)	3.7 (2.3)	3.6 (2.2)	3.9(2.4) 8.6(5.3)
2nd		6.7 (4.2)	6.6 (4.1)	6.7 (4.2)	7.0(4.3) 15.5(9.6)
3rd		12.5 (7.8)	12.2 (7.6)	11.4 (7.1)	12.5(7.8) 27.5(17.1)
4th		24.5 (15.2)	23.9 (14.9)	16.1 (10.0)	19.5(12.1) 42.9(26.7)
5th		31.1 (19.3)	30.4 (18.9)	29.4 (18.3)	–
6th		–	–	50.9 (31.6)	–
Reverse 1st		3.6 (2.2)	4.9 (3.0)	4.1 (2.5)	5.3(3.3)
2nd		6.2 (3.9)	8.5 (5.3)	7.6 (4.7)	9.6(6.0)
3rd		11.5 (7.1)	15.8 (9.8)	12.9 (8.0)	17.1(10.6)
4th		22.6 (14.0)	31.0 (19.3)	18.2 (11.3)	26.6(16.5)
5th		28.8 (17.9)	–	33.3 (20.7)	–
6th		–	–	56.8 (35.3)	–
Max. traction (Rimpull)	kg(lb)	2965 (6,540)	4200 (9,260)	5160 (11,375)	6080 (13,400)
Min. turning radius	mm(ft·in)	4500 (14'9")	5500 (18'1")	5600 (18'4")	10400 (34'1")
DIMENSIONS*:					
Overall length	mm(ft·in)	5520 (18' 1")	6700 (22')	6815 (22' 4")	7830 (25' 8")
Overall width(without blade)	mm(ft·in)	1940 (6' 4")	2055 (6' 9")	2115 (6'11")	2395 (7'10")
Overall height	mm(ft·in)	2735 (9')	2780 (9' 1")	2820 (9' 3")	3140 (10' 4")
Wheelbase	mm(ft·in)	3600 (11'10")	4910 (16' 1")	4900 (16' 1")	5780 (22' 3")
Treads: Front	mm(ft·in)	1665 (5' 6")	1680 (5' 6")	1800 (5'11")	2020 (6'8")
Rear	mm(ft·in)	1500 (4'11")	1755 (5' 9")	1800 (5'11")	2020 (6'8")
Articulation angle(each)	degree	30	30	27	–
ENGINE:					
Model		KOMATSU 4D105	KOMATSU 4D105	KOMATSU S6D95L	KOMATSU S6D95L
No. of cyls. – Bore × Stroke	mm(in)	4 – 105 × 125 (4.13" × 4.92")	4 – 105 × 125 (4.13" × 4.92")	6 – 95 × 115 (3.74" × 4.53")	6 – 95 × 115 (3.74" × 4.53")
Piston displacement	ltr.(cu.yd)	4.33 (264)	4.33 (264)	4.89 (298)	4.89 (298)
CAPACITY					
Fuel tank	ltr.(U.S.Gal)	90 (23.8)	90 (23.8)	210 (55.5)	227 (60.0)

*: with standerd tires and blade

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Item	Model	GD511A-1	GD511R-1	GD513A-1	GD513R-1
OPERATING WEIGHT*	kg(lb)	10800 (23,810)	10800 (23,810)	10800 (23,810)	10800 (23,810)
FLYWHEEL HORSEPOWER:					
SAE	HP(kW)/rpm	135(101)/2900	135(101)/2900	135(101)/2900	135(101)/2900
DIN	PS(kW)/rpm	137(101)/2900	137(101)/2900	137(101)/2900	137(101)/2900
PERFORMANCE:					
Travel speeds:	km/h(MPH)				
Forward 1st		3.4 (2.1)	3.4 (2.1)	3.4 (2.1)	3.4 (2.1)
2nd		6.1 (3.8)	6.1 (3.8)	6.1 (3.8)	6.1 (3.8)
3rd		10.7 (6.6)	10.7 (6.6)	10.7 (6.6)	10.7 (6.6)
4th		14.1 (8.8)	14.1 (8.8)	14.1 (8.8)	14.1 (8.8)
5th		25.5 (15.8)	25.5 (15.8)	25.5 (15.8)	25.5 (15.8)
6th		44.5 (27.7)	44.5 (27.7)	44.5 (27.7)	44.5 (27.7)
Reverse 1st		4.2 (2.6)	4.2 (2.6)	4.2 (2.6)	4.2 (2.6)
2nd		7.5 (4.7)	7.5 (4.7)	7.5 (4.7)	7.5 (4.7)
3rd		13.1 (8.1)	13.1 (8.1)	13.1 (8.1)	13.1 (8.1)
4th		17.3 (10.8)	17.3 (10.8)	17.3 (10.8)	17.3 (10.8)
5th		31.1 (19.3)	31.1 (19.3)	31.1 (19.3)	31.1 (19.3)
6th		54.4 (33.8)	54.4 (33.8)	54.4 (33.8)	54.4 (33.8)
Max. traction (Rimpull)	kg(lb)	6140 (13,535)	6140 (13,535)	6140 (13,535)	6140 (13,535)
Min. turning radius	mm(ft·in)	6600 (21'8")	10400 (34'1")	6600 (21'8")	10400 (34'1")
DIMENSIONS*:					
Overall length	mm(ft·in)	7895 (25'11")	7895 (25'11")	7895 (25'11")	7895 (25'11")
Overall width(without blade)	mm(ft·in)	2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Overall height	mm(ft·in)	3165 (10' 5")	3165 (10' 5")	3165 (10' 5")	3165 (10' 5")
Wheelbase	mm(ft·in)	5780 (19')	5780 (19')	5780 (19')	5780 (19')
Treads: Front	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Rear	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Articulation angle(each)	degree	27	–	27	–
ENGINE:					
Model		KOMATSU S6D95L	KOMATSU S6D95L	KOMATSU S6D95L	KOMATSU S6D95L
No. of cyls. – Bore × Stroke	mm(in)	6 – 95 × 115 (3.74" × 4.53")	6 – 95 × 115 (3.74" × 4.53")	6 – 95 × 115 (3.74" × 4.53")	6 – 95 × 115 (3.74" × 4.53")
Piston displacement	ltr.(cu.yd)	4.89 (298)	4.89 (298)	4.89 (298)	4.89 (298)
CAPACITY					
Fuel tank	ltr.(U.S.Gal)	227 (60.0)	227 (60.0)	227 (60.0)	227 (60.0)

*: with standerd tires and blade

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Item	Model	GD521A-1	GD521R-1	GD523A-1	GD523R-1
OPERATING WEIGHT*	kg(lb)	10800 (23,810)	10800 (23,810)	10800 (23,810)	10800 (23,810)
FLYWHEEL HORSEPOWER:					
SAE	HP(kW)/rpm	135(101)/2500	135(101)/2500	135(101)/2500	135(101)/2500
DIN	PS(kW)/rpm	137(101)/2500	137(101)/2500	137(101)/2500	137(101)/2500
PERFORMANCE:					
Travel speeds:	km/h(MPH)				
Forward 1st		3.4 (2.1)	3.4 (2.1)	3.4 (2.1)	3.4 (2.1)
2nd		6.1 (3.8)	6.1 (3.8)	6.1 (3.8)	6.1 (3.8)
3rd		10.8 (6.7)	10.8 (6.7)	10.8 (6.7)	10.8 (6.7)
4th		14.2 (8.8)	14.2 (8.8)	14.2 (8.8)	14.2 (8.8)
5th		25.5 (15.8)	25.5 (15.8)	25.5 (15.8)	25.5 (15.8)
6th		44.6 (27.7)	44.6 (27.7)	44.6 (27.7)	44.6 (27.7)
Reverse 1st		4.2 (2.6)	4.2 (2.6)	4.2 (2.6)	4.2 (2.6)
2nd		7.5 (4.7)	7.5 (4.7)	7.5 (4.7)	7.5 (4.7)
3rd		13.1 (8.1)	13.1 (8.1)	13.1 (8.1)	13.1 (8.1)
4th		17.3 (10.8)	17.3 (10.8)	17.3 (10.8)	17.3 (10.8)
5th		31.1 (19.3)	31.1 (19.3)	31.1 (19.3)	31.1 (19.3)
6th		54.4 (33.8)	54.4 (33.8)	54.4 (33.8)	54.4 (33.8)
Max. traction (Rimpull)	kg(lb)	6140 (13,535)	6140 (13,535)	6140 (13,535)	6140 (13,535)
Min. turning radius	mm(ft·in)	6600 (21'8")	10400 (34'1")	6600 (21'8")	10400 (34'1")
DIMENSIONS*:					
Overall length	mm(ft·in)	8160 (26' 9")	8160 (26' 9")	8160 (26' 9")	8160 (26' 9")
Overall width(without blade)	mm(ft·in)	2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Overall height	mm(ft·in)	3120 (10' 3")	3120 (10' 3")	3120 (10' 3")	3120 (10' 3")
Wheelbase	mm(ft·in)	5780 (19')	5780 (19')	5780 (19')	5780 (19')
Treads: Front	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Rear	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Articulation angle(each)	degree	27	–	27	–
ENGINE:					
Model		KOMATSU S6D105	KOMATSU S6D105	KOMATSU S6D105	KOMATSU S6D105
No. of cyls. – Bore × Stroke	mm(in)	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")
Piston displacement	ltr.(cu.yd)	6.49 (396)	6.49 (396)	6.49 (396)	6.49 (396)
CAPACITY					
Fuel tank	ltr.(U.S.Gal)	227 (60.0)	227 (60.0)	227 (60.0)	227 (60.0)

*: with standerd tires and blade

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Item	Model	GD525A-1	GD611A-1	GD611R-1	GD613A-1
OPERATING WEIGHT*	kg(lb)	12100 (26,675)	12500 (27,555)	12500 (27,555)	12500 (27,555)
FLYWHEEL HORSEPOWER:					
SAE	HP(kW)/rpm	135(101)/2500	155(116)/2500	155(116)/2500	155(116)/2200
DIN	PS(kW)/rpm	137(101)/2500	157(116)/2500	157(116)/2500	157(116)/2200
PERFORMANCE:					
Travel speeds:	km/h(MPH)				
Forward 1st		3.4 (2.1)	3.5 (2.2)	3.5 (2.2)	3.5 (2.2)
2nd		6.1 (3.8)	6.3 (3.9)	6.3 (3.9)	6.3 (3.9)
3rd		10.8 (6.7)	10.8 (6.7)	10.8 (6.7)	10.8 (6.7)
4th		14.2 (8.8)	14.8 (9.2)	14.8 (9.2)	14.8 (9.2)
5th		25.5 (15.8)	26.2 (16.3)	26.2 (16.3)	26.2 (16.3)
6th		44.6 (27.7)	45.0 (28.0)	45.0 (28.0)	45.0 (28.0)
Reverse 1st		4.2 (2.6)	4.3 (2.7)	4.3 (2.7)	4.3 (2.7)
2nd		3.8 (4.7)	7.7 (4.8)	7.7 (4.8)	7.7 (4.8)
3rd		13.1 (8.1)	13.2 (8.2)	13.2 (8.2)	13.2 (8.2)
4th		17.3 (40.8)	18.0 (11.2)	18.0 (11.2)	18.0 (11.2)
5th		31.1 (19.3)	32.0 (19.9)	32.0 (19.9)	32.0 (19.9)
6th		54.4 (33.8)	54.8 (34.1)	54.8 (34.1)	54.8 (34.1)
Max. traction (Rimpull)	kg(lb)	6880 (15,165)	7100 (15,650)	7100 (15,650)	7100 (15,650)
Min. turning radius	mm(ft·in)	6500 (21'4")	6900 (22'8")	10400 (34'1")	6900 (22'8")
DIMENSIONS*:					
Overall length	mm(ft·in)	8120 (26' 8")	8380 (27' 6")	8380 (27' 6")	8500 (27'11")
Overall width(without blade)	mm(ft·in)	2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Overall height	mm(ft·in)	3305 (10'10")	3120 (10' 3")	3120 (10' 3")	3100 (10' 2")
Wheelbase	mm(ft·in)	5780 (19')	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")
Treads: Front	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Rear	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Articulation angle(each)	degree	27	26	–	26
ENGINE:					
Model		KOMATSU S6D105	KOMATSU S6D105	KOMATSU S6D105	KOMATSU 6D125
No. of cyls. – Bore × Stroke	mm(in)	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")	6 – 125 × 150 (4.9" × 5.9")
Piston displacement	ltr.(cu.yd)	6.49 (396)	6.49 (396)	6.49 (396)	11.05 (674)
CAPACITY					
Fuel tank	ltr.(U.S.Gal)	227 (60.0)	285 (75.3)	285 (75.3)	285 (75.3)

*: with standerd tires and blade

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Item	Model	GD613R-1	GD621A-1	GD621R-1	GD623A-1
OPERATING WEIGHT*	kg(lb)	12500 (27,555)	12700 (28,000)	12700 (28,000)	12700 (28,000)
FLYWHEEL HORSEPOWER:					
SAE	HP(kW)/rpm	155(116)/2500	155(116)/2500	155(116)/2500	155(116)/2200
DIN	PS(kW)/rpm	157(116)/2500	157(116)/2500	157(116)/2500	157(116)/2200
PERFORMANCE:					
Travel speeds:	km/h(MPH)				
Forward 1st		3.5 (2.2)	3.5 (2.2)	3.5 (2.2)	3.5 (2.2)
2nd		6.3 (3.9)	6.3 (3.9)	6.3 (3.9)	6.3 (3.9)
3rd		10.8 (6.7)	10.8 (6.7)	10.8 (6.7)	10.8 (6.7)
4th		14.8 (9.2)	14.8 (9.2)	14.8 (9.2)	14.8 (9.2)
5th		26.2 (16.3)	26.2 (16.3)	26.2 (16.3)	26.2 (16.3)
6th		45.0 (28.0)	45.0 (28.0)	45.0 (28.0)	45.0 (28.0)
Reverse 1st		4.3 (2.7)	4.3 (2.7)	4.3 (2.7)	4.3 (2.7)
2nd		7.7 (4.8)	7.7 (4.8)	7.7 (4.8)	7.7 (4.8)
3rd		13.2 (8.2)	13.2 (8.2)	13.2 (8.2)	13.2 (8.2)
4th		18.0 (11.2)	18.0 (11.2)	18.0 (11.2)	18.0 (11.2)
5th		32.0 (19.9)	32.0 (19.9)	32.0 (19.9)	32.0 (19.9)
6th		54.8 (34.1)	54.8 (34.1)	54.8 (34.1)	54.8 (34.1)
Max. traction (Rimpull)	kg(lb)	7100 (15,650)	7220 (15,920)	7220 (15,920)	7200 (15,870)
Min. turning radius	mm(ft·in)	10400 (34'1")	6900 (22'8")	10400 (34'1")	6900 (22'8")
DIMENSIONS*:					
Overall length	mm(ft·in)	8380 (27' 6")	8380 (27' 6")	8380 (27' 6")	8500 (27'11")
Overall width(without blade)	mm(ft·in)	2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Overall height	mm(ft·in)	3120 (10' 3")	3120 (10' 3")	3120 (10' 3")	3100 (10' 2")
Wheelbase	mm(ft·in)	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")
Treads: Front	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Rear	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Articulation angle(each)	degree	–	26	–	26
ENGINE:					
Model		KOMATSU S6D105	KOMATSU S6D105	KOMATSU S6D105	KOMATSU 6D125
No. of cyls. – Bore × Stroke	mm(in)	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")	6 – 105 × 125 (4.13" × 4.92")	6 – 125 × 150 (4.9" × 5.9")
Piston displacement	ltr.(cu.yd)	6.49 (396)	6.49 (396)	6.49 (396)	11.05 (674)
CAPACITY					
Fuel tank	ltr.(U.S.Gal)	285 (75.3)	285 (75.3)	285 (75.3)	285 (75.3)

*: with standerd tires and blade

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Item	Model	GD623R-1	GD625A-1	GD661A-1	GD663A-1
OPERATING WEIGHT*	kg(lb)	12700 (28,000)	13720 (30,245)	13300 (29,320)	12500 (27,555)
FLYWHEEL HORSEPOWER:					
SAE	HP(kW)/rpm	155(116)/2500	155(116)/2200	180(134)/2500	180(134)/2200
DIN	PS(kW)/rpm	157(116)/2500	157(116)/2200	183(134)/2500	183(134)/2200
PERFORMANCE:					
Travel speeds:	km/h(MPH)				
Forward 1st		3.5 (2.2)	3.5 (2.2)	3.5 (2.2)	3.5 (2.2)
2nd		6.3 (3.9)	6.3 (3.9)	6.3 (3.9)	6.3 (3.9)
3rd		10.8 (6.7)	10.8 (6.7)	10.8 (6.7)	10.8 (6.7)
4th		14.8 (9.2)	14.8 (9.2)	14.8 (9.2)	14.8 (9.2)
5th		26.2 (16.3)	26.2 (16.3)	26.2 (16.3)	26.2 (16.3)
6th		45.0 (28.0)	45.0 (28.0)	45.0 (28.0)	45.0 (28.0)
Reverse 1st		4.3 (2.7)	4.3 (2.7)	4.3 (2.7)	4.3 (2.7)
2nd		7.7 (4.8)	7.7 (4.8)	7.7 (4.8)	7.7 (4.8)
3rd		13.2 (8.2)	13.2 (8.2)	13.2 (8.2)	13.2 (8.2)
4th		18.0 (11.2)	18.0 (11.2)	18.0 (11.2)	18.0 (11.2)
5th		32.0 (19.9)	32.0 (19.9)	32.0 (19.9)	32.0 (19.9)
6th		54.8 (34.1)	54.8 (34.1)	54.8 (34.1)	54.8 (34.1)
Max. traction (Rimpull)	kg(lb)	7220 (15,915)	7790 (17,175)	7400 (16,315)	7100 (15,650)
Min. turning radius	mm(ft·in)	10400 (34'1")	6700 (22')	6900 (22'8")	6900 (22'8")
DIMENSIONS*:					
Overall length	mm(ft·in)	8380 (27' 6")	8500 (27'11")	8380 (27' 6")	8500 (27'11")
Overall width(without blade)	mm(ft·in)	2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Overall height	mm(ft·in)	3120 (10' 3")	3305 (10'10")	3120 (10' 3")	3100 (10' 2")
Wheelbase	mm(ft·in)	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")
Treads: Front	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Rear	mm(ft·in)	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")	2020 (6' 8")
Articulation angle(each)	degree	–	26	26	26
ENGINE:					
Model		KOMATSU S6D105	KOMATSU 6D125	KOMATSU S6D105	KOMATSU 6D125
No. of cyls. – Bore × Stroke	mm(in)	6 – 105 × 125 (4.13" × 4.92")	6 – 125 × 150 (4.92" × 5.91")	6 – 105 × 125 (4.13" × 4.92")	6 – 125 × 150 (4.9" × 5.9")
Piston displacement	ltr.(cu.yd)	6.49 (396)	11.05 (674)	6.49 (396)	11.05 (674)
CAPACITY					
Fuel tank	ltr.(U.S.Gal)	285 (75.3)	285 (75.3)	285 (75.3)	285 (75.3)

*: with standerd tires and blade

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Item	Model	GD705A-4	GD705R-2	GD825A-1
OPERATING WEIGHT*	kg(lb)	17620 (38,850)	17500 (38,580)	25750 (56,770)
FLYWHEEL HORSEPOWER:				
SAE	HP(kW)/rpm	200(149)/2000	180(134)/1850	280(209)/2100
DIN	PS(kW)/rpm	202(149)/2000	182(134)/1850	284(209)/2100
PERFORMANCE:				
Travel speeds:	km/h(MPH)			
Forward 1st		3.9 (2.4)	5.5 (3.4)	4.0 (2.5)
2nd		5.2 (3.2)	10.3 (6.4)	5.4 (3.4)
3rd		7.6 (4.7)	24.1 (15.0)	8.0 (5.0)
4th		11.0 (6.8)	44.0 (27.3)	11.5 (7.1)
5th		15.2 (9.4)	–	15.8 (9.8)
6th		20.5 (12.7)	–	21.4 (13.3)
7th		30.0 (18.6)	–	31.3 (19.4)
8th		43.0 (26.7)	–	44.9 (27.9)
Reverse 1st		4.1 (2.5)	5.7 (3.5)	4.3 (2.7)
2nd		5.6 (3.5)	10.6 (6.6)	5.8 (3.6)
3rd		8.1 (5.0)	25.2 (15.7)	8.5 (5.3)
4th		11.7 (7.3)	44.0 (27.3)	12.2 (7.6)
5th		16.2 (10.1)	–	16.9 (10.5)
6th		21.8 (13.5)	–	22.8 (14.2)
7th		31.9 (19.8)	–	33.4 (20.8)
8th		45.9 (28.5)	–	47.9 (29.8)
Max. traction (Rimpull)	kg(lb)	10180 (22,420)	9490 (20,920)	14420 (31,790)
Min. turning radius	mm(ft·in)	7500 (24'7")	11500 (37'9")	7900 (25'11")
DIMENSIONS*:				
Overall length	mm(ft·in)	9270 (30' 5")	8690 (28' 6")	10010 (32'10")
Overall width(without blade)	mm(ft·in)	2800 (9' 2")	2600 (8' 6")	3050 (10')
Overall height	mm(ft·in)	3365 (11')	3230 (10' 7")	3350 (11')
Wheelbase	mm(ft·in)	6450 (21' 2")	6150 (20' 2")	7100 (23' 4")
Treads: Front	mm(ft·in)	2300 (7' 7")	2050 (6' 9")	2460 (8' 1")
Rear	mm(ft·in)	2300 (7' 7")	2055 (6' 9")	2460 (8' 1")
Articulation angle(each)	degree	26	–	25
ENGINE:				
Model		KOMATSU S6D125	KOMATSU-CUMMINS NH-220-C1	KOMATSU S6D140
No. of cyls. – Bore × Stroke	mm(in)	6 – 125 × 150 (4.9" × 5.9")	6 – 130.2 × 152.4 (5.13" × 6.00")	6 – 140 × 165 (5.51" × 6.50")
Piston displacement	ltr.(cu.yd)	11.05 (674)	12.17 (743)	15.24 (930)
CAPACITY				
Fuel tank	ltr.(U.S.Gal)	400 (105.7)	300 (79.3)	500 (132.1)

*: with standerd tires and blade

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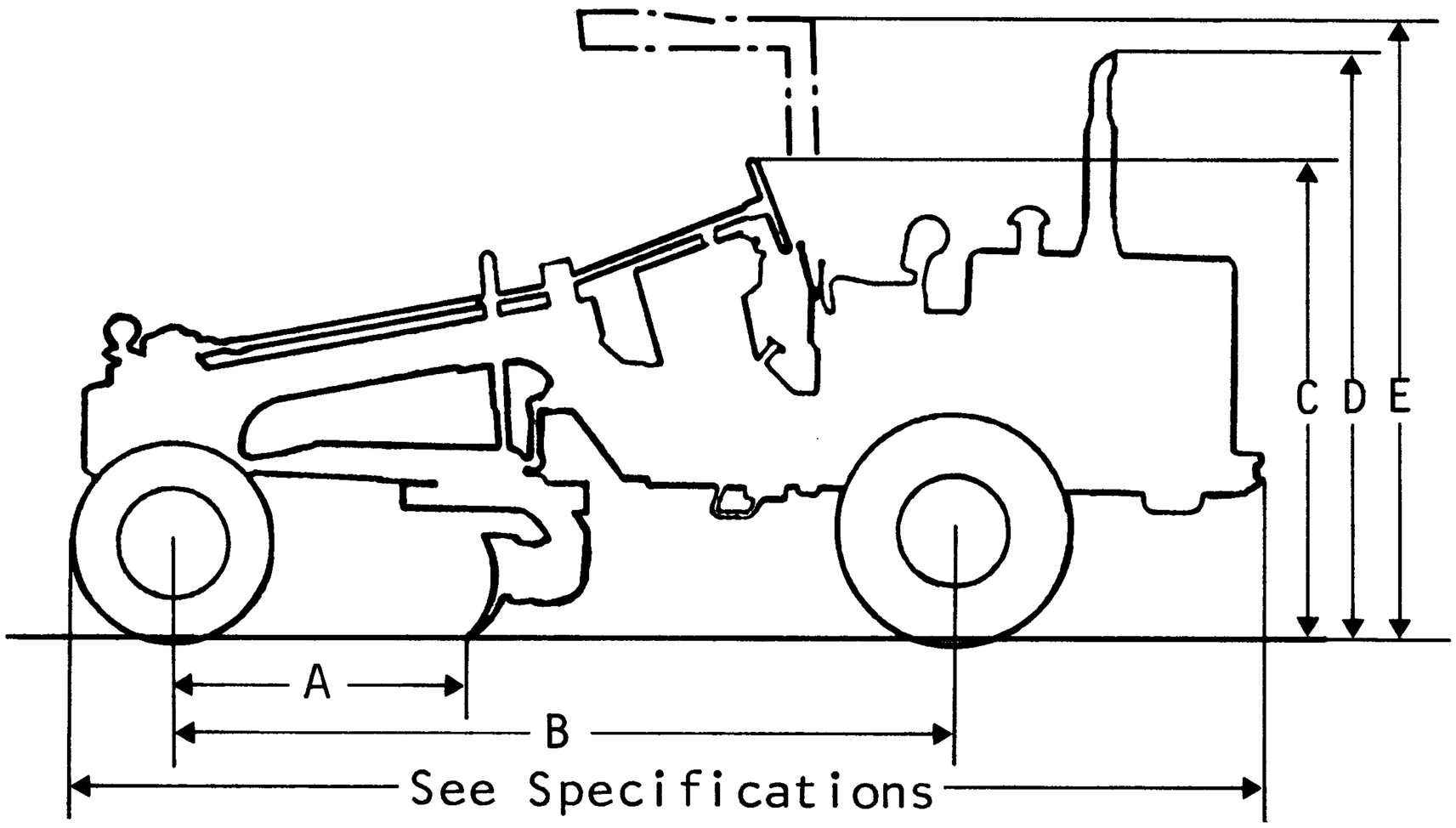

Item	Model	GD200A-1
BLADE LENGTH	mm(ft·in)	2200(7'3")
TIRES : Front		7.5 – 20 – 10PR
Rear		42 × 17 – 20 – 10PR
DIMENSIONS :		
A Distance between center of front tires and blade edge	mm(ft·in)	1360 (4' 6")
B Wheelbase	mm(ft·in)	3600 (11'10")
C Height to top of the steering wheel	mm(ft·in)	2270 (7' 5")
D Height to top of the stack	mm(ft·in)	2735 (9')
E Overall height ;	mm(ft·in)	
When installing the		
– CANVAS CANOPY		2905 (9' 6")
– STEEL CAB		2905 (9' 6")
Articulation angle	degree	30
Width over tires : Front	mm(ft·in)	1665 (5' 6")
Rear	mm(ft·in)	1500 (4'11")
Ground clearance	mm(ft·in)	430 (1' 5")

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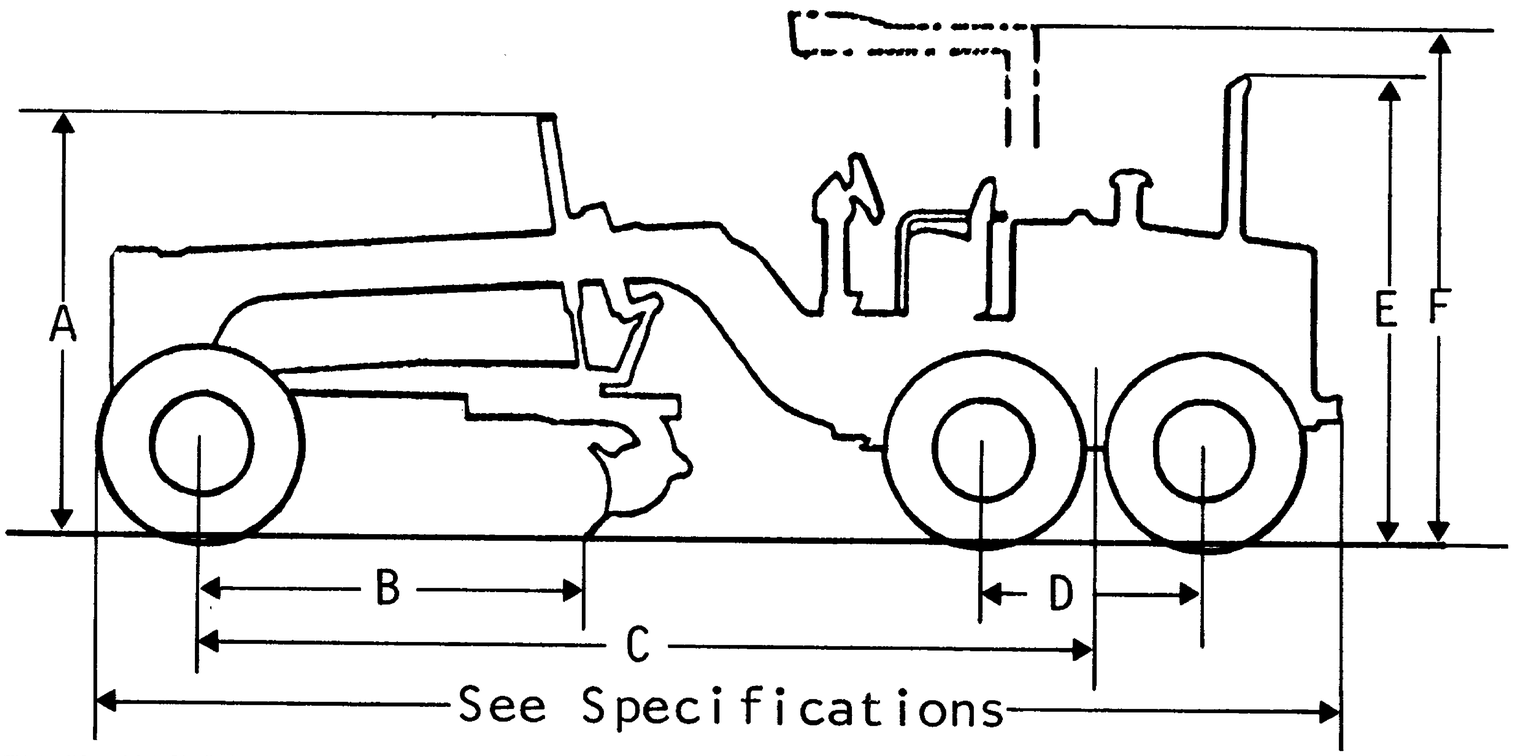

Item	Model	GD300A-1	GD461A-1	GD510R-1	GD511A-1
BLADE LENGTH	mm(ft·in)	3100 (10'2")	3125 (10'3")	3710 (12'2")	3710 (12'2")
TIRES : Front		9.00 – 20 – 10PR	9.00 – 20 – 10PR	13.00 – 24 – 8PR	13.00 – 24 – 8PR
Rear		10.00 – 20 – 10PR	11.00 – 20 – 10PR	13.00 – 24 – 8PR	13.00 – 24 – 8PR
DIMENSIONS :					
A Height to top of the blade lift cylinders	mm(ft·in)	1930 (6' 4")	2400 (7'10")	2815 (9' 3")	2815 (9' 3")
B Distance between center of front tires and blade edge	mm(ft·in)	2165 (7' 1")	2115 (6'11")	2540 (8' 4")	2540 (8' 4")
C Wheelbase	mm(ft·in)	4910 (16' 1")	4900 (16' 1")	5780 (19')	5780 (19')
D Distance between centers of tandem wheels	mm(ft·in)	1195 (3'11")	1320 (4' 4")	1535 (5')	1535 (5')
E Height to top of the stack	mm(ft·in)	2780 (9' 1")	2820 (9' 3")	3140 (10' 4")	3165 (10' 5")
F Overall height ;	mm(ft·in)				
When installing the					
– CANVAS CANOPY		3220 (10' 7")	3215 (10' 7")	3355 (11')	3355 (11')
– ROPS CANOPY		3220 (10' 7")	3360 (11')	3500 (11' 6")	3500 (11' 6")
– ROPS CAB		3220 (10' 7")	3345 (11')	3485 (11' 5")	3485 (11' 5")
– STEEL CAB		3220 (10' 7")	3200 (10' 6")	3340 (11')	3340 (11')
Articulation angle	degree	30	27	–	27
Width over tires :	mm(ft·in)				
Front		2045 (6' 9")	2115 (6'11")	2395 (7'10")	2395 (7'10")
Rear		2055 (6' 9")	2115 (6'11")	2395 (7'10")	2395 (7'10")
Ground clearance	mm(ft·in)	425 (1' 5")	460 (1' 6")	365 (1' 2")	365 (1' 2")

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Item \ Model		GD511R-1	GD513A-1	GD513R-1	GD521A-1
BLADE LENGTH	mm(ft·in)	3710 (12'2")	3710 (12'2")	3710 (12'2")	3710 (12'2")
TIRES		13.00 – 24 – 8PR	13.00 – 24 – 8PR	13.00 – 24 – 8PR	13.00 – 24 – 8PR
DIMENSIONS :					
A Height to top of the blade lift cylinders	mm(ft·in)	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")
B Distance between center of front tires and blade edge	mm(ft·in)	2540 (8' 4")	2540 (8' 4")	2540 (8' 4")	2540 (8' 4")
C Wheelbase	mm(ft·in)	5780 (19')	5780 (19')	5780 (19')	5780 (19')
D Distance between centers of tandem wheels	mm(ft·in)	1535 (5')	1535 (5')	1535 (5')	1535 (5')
E Height to top of the stack	mm(ft·in)	3165 (10' 5")	3165 (10' 5")	3165 (10' 5")	3120 (10' 3")
F Overall height ; When installing the	mm(ft·in)				
– CANVAS CANOPY		3355 (11')	3355 (11')	3355 (11')	3355 (11 ')
– ROPS CANOPY		3500 (11' 6")	3500 (11' 6")	3500 (11' 6")	3500 (11' 6")
– ROPS CAB		3485 (11' 5")	3485 (11' 5")	3485 (11' 5")	3485 (11' 5")
– STEEL CAB		3340 (11')	3340 (11')	3340 (11')	3340 (11')
Articulation angle	degree	–	27	–	27
Width over tires :	mm(ft·in)				
Front		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Rear		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Ground clearance	mm(ft·in)	365 (1' 2")	365 (1' 2")	365 (1' 2")	360 (1' 2")

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Item	Model	GD521R-1	GD523A-1	GD523R-1	GD525A-1
BLADE LENGTH	mm(ft·in)	3710 (12'2")	3710 (12'2")	3710 (12'2")	3710 (12'2")
TIRES		13.00 – 24 – 8PR	13.00 – 24 – 8PR	13.00 – 24 – 8PR	13.00 – 24 – 8PR
DIMENSIONS :					
A Height to top of the blade lift cylinders	mm(ft·in)	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")
B Distance between center of front tires and blade edge	mm(ft·in)	2540 (8' 4")	2540 (8' 4")	2540 (8' 4")	2540 (8' 4")
C Wheelbase	mm(ft·in)	5780 (19')	5780 (19')	5780 (19')	5780 (19')
D Distance between centers of tandem wheels	mm(ft·in)	1535 (5')	1535 (5')	1535 (5')	1535 (5')
E Height to top of the stack	mm(ft·in)	3120 (10' 3")	3120 (10' 3")	3120 (10' 3")	3090 (10' 2")
F Overall height ;	mm(ft·in)				
When installing the					
– CANVAS CANOPY		3355 (11')	3355 (11')	3355 (11')	–
– ROPS CANOPY		3500 (11' 6")	3500 (11' 6")	3500 (11' 6")	3310 (10'10")
– ROPS CAB		3485 (11' 5")	3485 (11' 5")	3485 (11' 5")	3310 (10'10")
– STEEL CAB		3340 (11')	3340 (11')	3340 (11')	–
Articulation angle	degree	–	27	–	27
Width over tires :	mm(ft·in)				
Front		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Rear		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Ground clearance	mm(ft·in)	360 (1' 2")	365 (1' 2")	360 (1' 2")	370 (1' 3")

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Item	Model	GD611A-1	GD611R-1	GD613A-1	GD613R-1
BLADE LENGTH	mm(ft·in)	3710 (12'2")	3710 (12'2")	3710 (12'2")	3710 (12'2")
TIRES		13.00 – 24 – 10PR	13.00 – 24 – 10PR	13.00 – 24 – 10PR	13.00 – 24 – 10PR
DIMENSIONS :					
A Height to top of the blade lift cylinders	mm(ft·in)	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")
B Distance between center of front tires and blade edge	mm(ft·in)	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
C Wheelbase	mm(ft·in)	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")
D Distance between centers of tandem wheels	mm(ft·in)	1535 (5')	1535 (5')	1535 (5')	1535 (5')
E Height to top of the stack	mm(ft·in)	3120 (10' 3")	3120 (10' 3")	3100 (10' 2")	3120 (10' 3")
F Overall height ;	mm(ft·in)				
When installing the					
– CANVAS CANOPY		3355 (11')	3355 (11')	3355 (11')	3355 (11')
– ROPS CANOPY		3500 (11' 6")	3500 (11' 6")	3500 (11' 6")	3500 (11' 6")
– ROPS CAB		3485 (11' 5")	3485 (11' 5")	3485 (11' 5")	3485 (11' 5")
– STEEL CAB		3340 (11')	3340 (11')	3340 (11')	3340 (11')
Articulation angle	degree	26	–	26	–
Width over tires :	mm(ft·in)				
Front		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Rear		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Ground clearance	mm(ft·in)	355 (1' 2")	355 (1' 2")	355 (1' 2")	355 (1' 2")

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Item	Model	GD621A-1	GD621R-1	GD623A-1	GD623R-1
BLADE LENGTH	mm(ft·in)	3710 (12'2")	3710 (12'2")	3710 (12'2")	3710 (12'2")
TIRES		13.00 – 24 – 10PR	13.00 – 24 – 10PR	13.00 – 24 – 10PR	13.00 – 24 – 10PR
DIMENSIONS :					
A Height to top of the blade lift cylinders	mm(ft·in)	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")
B Distance between center of front tires and blade edge	mm(ft·in)	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
C Wheelbase	mm(ft·in)	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")
D Distance between centers of tandem wheels	mm(ft·in)	1535 (5')	1535 (5')	1535 (5')	1535 (5')
E Height to top of the stack	mm(ft·in)	3120 (10' 3")	3120 (10' 3")	3100 (10' 2")	3120 (10' 3")
F Overall height ;	mm(ft·in)				
When installing the					
– CANVAS CANOPY		3355 (11')	3355 (11')	3355 (11')	3355 (11')
– ROPS CANOPY		3500 (11' 6")	3500 (11' 6")	3500 (11' 6")	3500 (11' 6")
– ROPS CAB		3485 (11' 5")	3485 (11' 5")	3485 (11' 5")	3485 (11' 5")
– STEEL CAB		3340 (11')	3340 (11')	3340 (11')	3340 (11')
Articulation angle	degree	26	–	26	–
Width over tires :	mm(ft·in)				
Front		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Rear		2395 (7'10")	2395 (7'10")	2395 (7'10")	2395 (7'10")
Ground clearance	mm(ft·in)	355 (1' 2")	355 (1' 2")	355 (1' 2")	355 (1' 2")

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Item	Model	GD625A-1	GD661A-1	GD663A-1	GD705A-4
BLADE LENGTH	mm(ft·in)	3710 (12'2")	3710 (12'2")	3710 (12'2")	4320 (14'2")
TIRES		13.00 – 24 – 10PR	13.00 – 24 – 10PR	13.00 – 24 – 10PR	16.00 – 24 – 12PR
DIMENSIONS :					
A Height to top of the blade lift cylinders	mm(ft·in)	2815 (9' 3")	2815 (9' 3")	2815 (9' 3")	2900 (9' 6")
B Distance between center of front tires and blade edge	mm(ft·in)	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2900 (9' 6")
C Wheelbase	mm(ft·in)	6000 (19' 8")	6000 (19' 8")	6000 (19' 8")	6450 (21' 2")
D Distance between centers of tandem wheels	mm(ft·in)	1535 (5')	1535 (5')	1535 (5')	1730 (5' 8")
E Height to top of the stack	mm(ft·in)	3120 (10' 3")	3120 (10' 3")	3100 (10' 2")	3365 (11')
F Overall height ; When installing the	mm(ft·in)				
– CANVAS CANOPY		–	3355 (11')	3355 (11')	3395 (11' 2")
– ROPS CANOPY		3310 (10'10")	3500 (11' 6")	3500 (11' 6")	3540 (11' 7")
– ROPS CAB		3310 (10'10")	3485 (11' 5")	3485 (11' 5")	3540 (11' 7")
– STEEL CAB		–	3340 (11')	3340 (11')	3395 (11' 2")
Articulation angle	degree	26	26	26	26
Width over tires :	mm(ft·in)				
Front		2395 (7'10")	2395 (7'10")	2395 (7'10")	2800 (9' 2")
Rear		2395 (7'10")	2395 (7'10")	2395 (7'10")	2800 (9' 2")
Ground clearance	mm(ft·in)	610 (2')	355 (1' 2")	355 (1' 2")	410 (1' 4")

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Item \ Model		GD705R-2	GD825A-1
BLADE LENGTH	mm(ft·in)	4320 (14'2")	4928 (16'2")
TIRES		14.00 – 24 – 12PR	18.00 – 25 – 12PR
DIMENSIONS :			
A Height to top of the blade lift cylinders	mm(ft·in)	2950 (9' 8")	3300 (10'10")
B Distance between center of front tires and blade edge	mm(ft·in)	2760 (9' 1")	3100 (10' 2")
C Wheelbase	mm(ft·in)	6150 (20' 2")	7100 (23' 4")
D Distance between centers of tandem wheels	mm(ft·in)	1525 (5')	1840 (6')
E Height to top of the stack	mm(ft·in)	3230 (10' 7")	3490 (11' 5")
F Overall height ;	mm(ft·ir)		
When installing the			
– CANVAS CANOPY		–	–
– ROPS CANOPY		–	3600 (11'10")
– ROPS CAB		–	3600 (11'10")
– STEEL CAB		1850 (6' 1")	–
Articulation angle	degree	–	25
Width over tires :	mm(ft·in)		
Front		2600 (8' 6")	3050 (10')
Rear		2600 (8' 6")	3050 (10')
Ground clearance	mm(ft·in)	440 (1' 5")	440 (1' 5")

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Attachments Availability

● Standard equipment
○ Optional equipment

Item \ Model	GD 200A-1	GD 300A-1	GD 461A-1	GD 510R-1	GD 511A-1	GD 511R-1	GD 513A-1	GD 513R-1	GD 521A-1	GD 521R-1
BLADE										
2.2m	●									
2.5m	○									
2.8m		○								
3.05m		○								
3.1m		●	●							
3.4m										
3.7m				●	●	●	●	●	●	●
4.0m					○	○	○	○	○	○
4.3m					○	○		○	○	○
4.9m										
VARIABLE BLADE		○								
HYDRAULIC BLADE TIP CONTROL			○		○	○	○	○	○	○
EXTENTION BLADE							○			
FRONT DOZER BLADE	○	○		○	○	○	○	○	○	○
SCARIFIER										
5teeth	○			○						
6teeth		○								
9teeth			○	○	○	○	○	○	○	○
11teeth				○	○	○	○	○	○	○
REPLACEBLE TIP TEETH FOR SCARIFIER	○	○								
REAR MOUNT RIPPER									○	○
PUSH PLATE										

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Attachments Availability

MOTOR GRADERS

● Standard equipment
○ Optional equipment

Item \ Model	GD 523A-1	GD 523R-1	GD 525A-1	GD 611A-1	GD 611R-1	GD 613A-1	GD 613R-1	GD 621A-1	GD 621R-1	GD 623A-1
BLADE										
2.2m										
2.5m										
2.8m										
3.05m										
3.1m										
3.4m										
3.7m	●	●	●	●	●	●	●	●	●	●
4.0m	○	○	○	○	○	○	○	○	○	○
4.3m	○	○	○	○	○	○	○	○	○	○
4.9m										
VARIABLE BLADE										
HYDRAULIC BLADE TIP CONTROL	○	○	○	○	○	○	○	○	○	○
EXTENTION BLADE			○							
FRONT DOZER BLADE	○	○	○	○	○	○	○		○	○
SCARIFIER										
5teeth										
6teeth										
9teeth	○	○								

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Attachments Availability

● Standard equipment
○ Optional equipment

Item \ Model	GD 623R-1	GD 625A-1	GD 661A-1	GD 663A-1	GD 705A-4	GD 705R-2	GD 825A-1
BLADE 2.2m							
2.5m							
2.8m							
3.05m							
3.1m							
3.4m							
3.7m	●	●	●	●			
4.0m	○	○	○	○			
4.3m	○	○	○		●	●	
4.9m							●
VARIABLE BLADE							
HYDRAULIC BLADE TIP CONTROL	○		○	○	●		●
EXTENTION BLADE		○		○			
FRONT DOZER BLADE	○	○	○	○		○	
SCARIFIER 5teeth							
6teeth							
9teeth							
11teeth	○	○	○	○	○	○	
REPLACEBLE TIP TEETH FOR SCARIFIER							
REAR MOUNT RIPPER	○	○			○		○
PUSH PLATE		○					○

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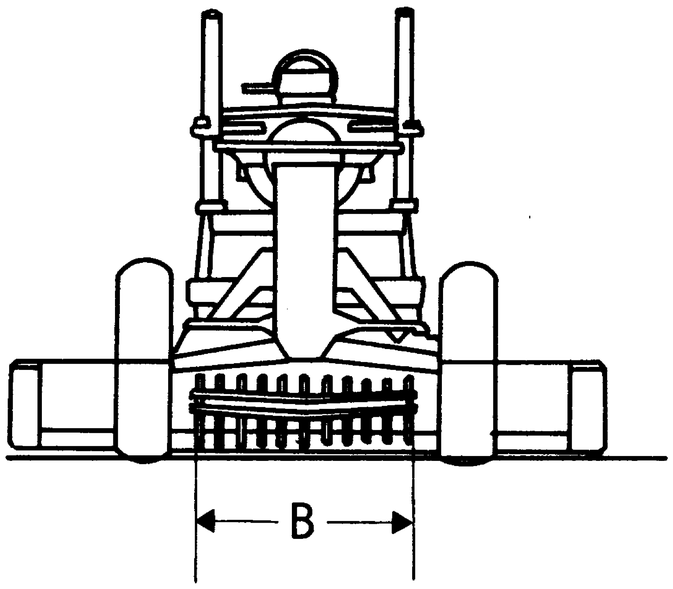

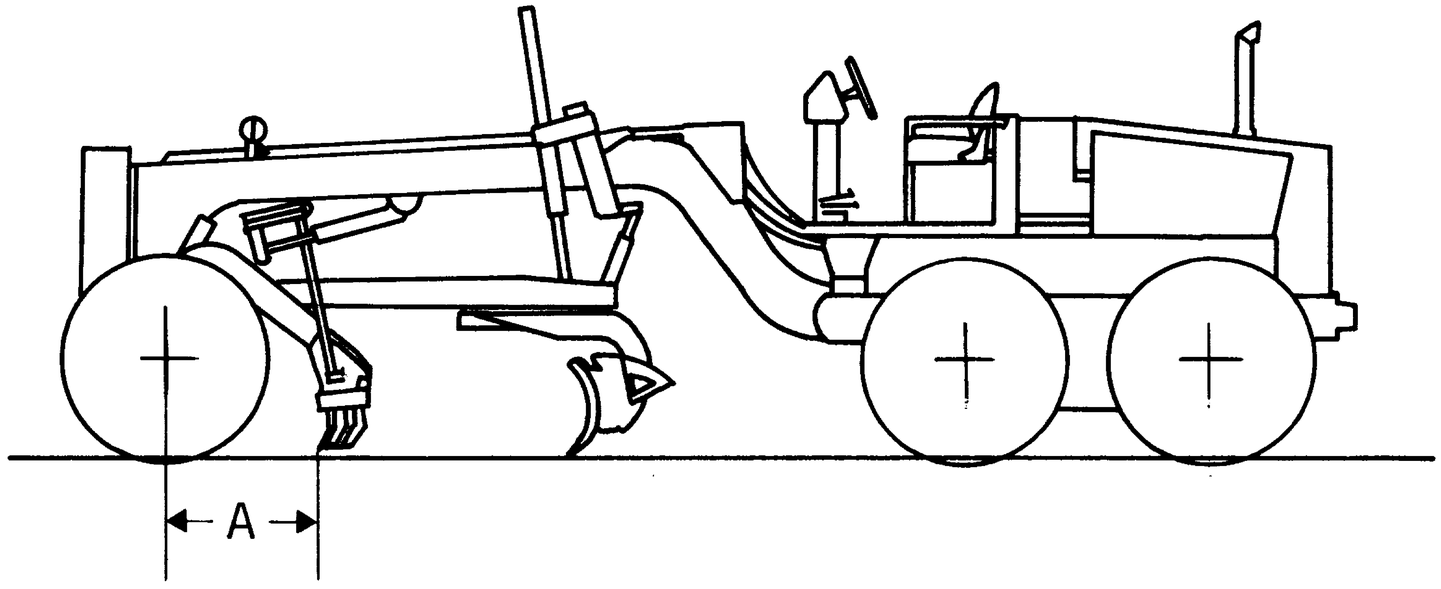

Item \ Model		200 SERIES	300 SERIES	400 SERIES
NO. OF TEETH		5	6	9
ADDITIONAL WEIGHT:				
To operating weight	kg(lb)	+ 160 (+ 350)	+ 130 (+ 290)	+ 483 (+ 1,060)
To front axle		+ 250 (+ 550)	+ 150 (+ 330)	+ 410 (+ 900)
To rear axle		- 90 (- 200)	- 20 (- 44)	+ 73 (+ 160)
DIMENSIONS:				
A: Distance between teeth edge and center of front tire	mm(ft.in)	1200 (3'11") (Front mounted)	1050 (3'5") (Front mounted)	800 (2'7")
SCARIFIER LOAD*1	kg(lb)	1130 (2,490)	1970 (4,340)	3470 (7,650)
SCARIFIER RANGE:				
Digging angle	degree	68	68	62~68
Max. lift above ground	mm(ft.in)	300 (11'8")	390 (1'3")	200 (7.9")
Max. digging depth	mm(ft.in)	200 (7.9")	200 (7.9")	220 (8.7")
SCARIFIER EQUIPMENT:				
Type		Flat type, 2-stage adjustable	Flat type, 2-stage adjustable	V-type, 2-stage adjustable
Weight	kg(lb)	360 (790)	350 (770)	483 (1,060)
B: Digging width	mm(ft.in)	825 (2'8")	1025 (3'4")	1065 (3'6")
Tooth:				
As-installed Heignt x width x Thickness	mm(in)	265 x 77 x 25 (10.4 x 3.0 x 1.0)	265 x 75 x 25 (10.4 x 3.0 x 1.0)	275 x 77 x 25 (10.8 x 3.0 x 1.0)
APPLICABLE MODEL		GD200A*2	GD300A*2	GD461A

*1.: SCARFIER LOAD: When the scarifier and rear tires support the machine's weight.

*2.: As the front counterweight is removed when installing the scarifier "Additional weight" differs from "Scarifier weight".

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Item \ Model		500 SERIES			
NO. OF TEETH		9			
ADDITIONAL WEIGHT :	kg(lb)	Standard Teeth		Point Teeth	
To operating weight		+ 660(+ 1,460) [+ 685(+ 1,510)]	+ 600(+ 1,320) [+ 625(+ 1,380)]	+ 665(+ 1,470) [+ 690(+ 1,520)]	+ 605(+ 1,330) [+ 630(+ 1,390)]
To front axle		+ 565(+ 1,250) [+ 585(+ 1,290)]	+ 515(+ 1,140) [+ 535(+ 1,180)]	+ 570(+ 1,260) [+ 590(+ 1,300)]	+ 520(+ 1150) [+ 540(+ 1,190)]
To rear axle		+ 95(+ 210) [+ 100(+ 220)]	+ 85(+ 190) [+ 90(+ 200)]	+ 95(+ 210) [+ 100(+ 220)]	+ 85(+ 190) [+ 90(+ 200)]
DIMENSIONS : A : Distance between teeth edge and center of front tire	mm(ft·in)	970 (3'2")		850 (2'9")	
SCARIFIER LOAD *1	kg(lb)	4440 (9,790)		4335 (9,560)	
SCARIFIER RANGE : Digging angle Max. lift above ground Max. digging depth	degree mm(ft·in) mm(ft·in)	61~74 340(1'1")[530(1'9")] 260(10.2")[290(11.4")]		51~64 320(1'1")[495(1'7")] 260(10.2")[290(11.4")]	
SCARIFIER EQUIPMENT : Type		V-type,2-stage adjustable		V-type, 2-stage abjustable	
Weight	kg(lb)	660 (1,460)	600 (1,320)	665 (1,470)	605 (1,330)
B : Digging width	mm(ft·in)	1065 (3'6")		1090 (3'7")	
Tooth : As-installed Height × width × Thickness	mm(in)	275 × 77 × 25 (10.8 × 3.0 × 1.0)		185 × 50 × 36.3 (7.3 × 2.0 × 1.4)	
APPLICABLE MODEL		GD510R*3 GD511A·R*3 GD521A·R*3	GD513A·R GD523A·R	GD510R*3 GD511A·R*3 GD521A·R*3	GD513A·R GD523A·R

*1 : SCARFIER LOAD : When the scarifier and rear tires support the machine's weight.
*3 : Including the scarifier brackets weight.
[ ] : When installing the adjustable type lifting rod.

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Scarifier Specifications

Item \ Model		500 SERIES				
NO. OF TEETH		11				
ADDITIONAL WEIGHT :	kg(lb)	Standard Teeth		Point Teeth		
To operating weight		+ 690(+ 1,520) [+ 715(+ 1,580)]	+ 630(+ 1,390) [+ 655(+ 1,440)]	+ 695(+ 1530) [+ 720(+ 1,590)]	+ 635(+ 1,400) [+ 660(+ 1,460)]	+ 625(+ 1,380) [+ 650(+ 1,430)]
To front axle		+ 590(+ 1,300) [+ 610(+ 1,340)]	+ 540(+ 1,190) [+ 660(+ 1,460)]	+ 595(+ 1,310) [+ 615(+ 1,360)]	+ 540(+ 1,190) [+ 665(+ 1,470)]	+ 540(+ 1,190) [+ 560(+ 1,230)]
To rear axle		+ 100(+ 220) [+ 105(+ 230)]	+ 90(+ 200) [+ 95(+ 210)]	+ 100(+ 220) [+ 105(+ 230)]	+ 90(+ 200) [+ 95(+ 210)]	+ 85(+ 190) [+ 90(+ 200)]
DIMENSIONS : A : Distance between teeth edge and center of front tire	mm(ft·in)	970(3'2")		850(2'9")		
SCARIFIER LOAD *1	kg(lb)	4470(9,850)		4265(9,400)		4805(10,590)
SCARIFIER RANGE :						
Digging angle	degree	61~74		51~64		
Max. lift above ground	mm(ft·in)	340(1'1")[530(1'9")]		320(1'1")[495(1'7")]		
Max. digging depth	mm(ft·in)	260(10.2")[290(11.4")]		260(10.2")[290(11.4")]		
SCARIFIER EQUIPMENT :						
Type		V-type, 2-stage adjustable		V-type, 2-stage adjustable		
Weight	kg(lb)	690(1,520)	630(1,390)	695(1,530)	635(1,400)	625(1,380)
B : Digging width	mm(ft·in)	1325(4'4")		1350(4'5")		
Tooth : As-installed Height x width x Thickness	mm(in)	275 x 77 x 25 (10.8 x 3.0 x 1.0)		185 x 50 x 36.3 (7.3 x 2.0 x 1.4)		
APPLICABLE MODEL		GD510R*3 GD511A·R*3 GD521A·R*3	GD513A·R GD523A·R	GD510R*3 GD511A·R*3 GD521A·R*3	GD513A·R GD523A·R	GD525A

*1 : SCARFIER LOAD : When the scarifier and rear tires support the machine's weight.
*3 : Including the scarifier brackets weight.
[ ] : When installing the adjustable type lifting rod.

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Item \ Model		600 SERIES				
NO. OF TEETH		11				
ADDITIONAL WEIGHT :	kg(lb)	Standard Teeth		Point Teeth		
To operating weight		+ 710(+ 1,570) [+ 720(+ 1590)]	+ 650(+ 1,430) [+ 660(+ 1,460)]	+ 715(+ 1,580) [+ 725(+ 1,600)]	+ 655(+ 1,440) [+ 665(+ 1,470)]	+ 645(+ 1,420) [+ 655(+ 1,440)]
To front axle		+ 615(+ 1,360) [+ 620(+ 1,370)]	+ 565(+ 1,250) [+ 570(+ 1,260)	+ 615(+ 1,360) [+ 625(+ 1,380)]	+ 565(+ 1,250) [+ 575(+ 1,270)]	+ 560(+ 1,230) [+ 570(+ 1,260)]
To rear axle		+ 95(+ 210) [+ 100(+ 220)]	+ 85(+ 190) [+ 90(+ 200)]	+ 100(+ 220) [+ 100(+ 220)]	+ 90(+ 200) [+ 90(+ 200)]	+ 85(+ 190) [+ 85(+ 190)]
DIMENSIONS : A : Distance between teeth edge and center of front tire	mm(ft·in)	970(3'2")		850(2'9")		
SCARIFIER LOAD *1	kg(lb)	5055~5125(11,140~11,300)		4940~5435(10,890~11,980)		
SCARIFIER RANGE :						
Digging angle	degrer	63~76		53~66		
Max. lift above ground	mm(ft·in)	320(1'1")		300(1')		
Max. digging depth	mm(ft·in)	270(10.6")		270(10.6")		
SCARIFIER EQUIPMENT : Type		V-type, 2-stage adjustable		V-type, 2-stage adjustable		
Weight	kg(lb)	710(1,570)	650(1,430)	715(1,580)	655(1,440)	645(1,420)
B : Digging width	mm(ft·in)	1325(4'4")		1350(4'5")		
Tooth : As-installed	mm(in)	275 × 77 × 25		185 × 50 × 36.3		
Height × width × Thickness		(10.8 × 3.0 × 1.0)		(7.3 × 2.0 × 1.4)		
APPLICABLE MODEL		GD611A·R*3 GD621A·R*3 GD611A*3	GD613A·R GD623A·R GD663A	GD611A·R*3 GD621A·R*3 GD611A*3	GD613A·R GD623A·R GD663A	GD625A

*1 : SCARFIER LOAD : When the scarifier and rear tires support the machine's weight.
*3 : Including the scarifier brackets weight.
[ ] : When installing the adjustable type lifting rod.

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Item \ Model		700 SERIES	
NO. OF TEETH		11	
ADDITIONAL WEIGHT :	kg(lb)	Standard Teeth	Point Teeth
To operating weight		+ 1040 (+ 2,290)	+ 1050 (+ 2,310)
To front axle		+ 880 (+ 1,940)	+ 890 (+ 1,960)
To rear axle		+ 160 (+ 350)	+ 160 (+ 350)
DIMENSIONS : A : Distance between teeth edge and center of front tire	mm(ft·in)	890 (2'11")	830 (2'9")
SCARIFIER LOAD *1	kg(lb)	6690 (14,750)	6630 (14,620)
SCARIFIER RANGE :			
Digging angle	degrer	54~67.5	49~63
Max. lift above ground	mm(ft·in)	630 (2'1")	610 (2')
Max. digging depth	mm(ft·in)	350 (1'2")	350 (1'2")
SCARIFIER EQUIPMENT :			
Type		V-type, 2-stage adjustable	V-type, 2-stage adjustable
weight	kg(lb)	1040 (2,290)	1050 (2,310)
B : Digging width	mm(ft·in)	1325 (4'4")	1350 (4'5")
Tooth :			
As-installed	mm(in)	265 × 77 × 25	185 × 50 × 36.3
Height × width × Thickness		(10.4 × 3.0 × 1.0)	(7.3 × 2.0 × 1.4)
APPLICABLE MODEL		GD705A	GD705A

*1 : SCARFIER LOAD : When the scarifier and rear tires support the machine's weight.

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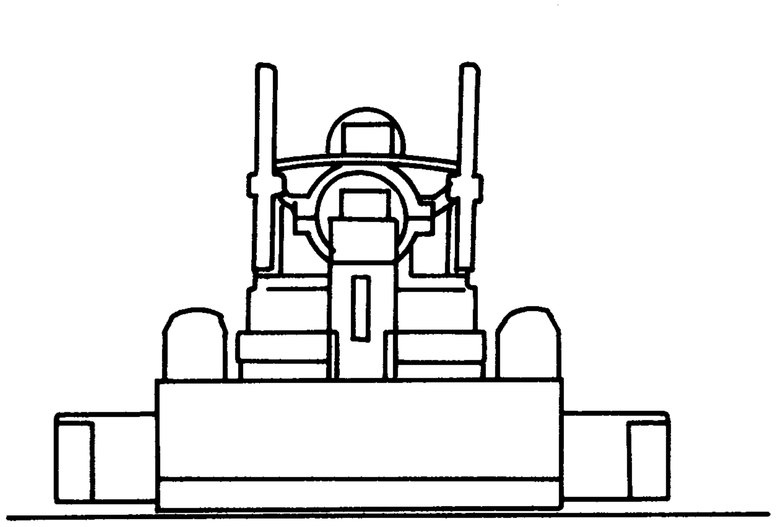
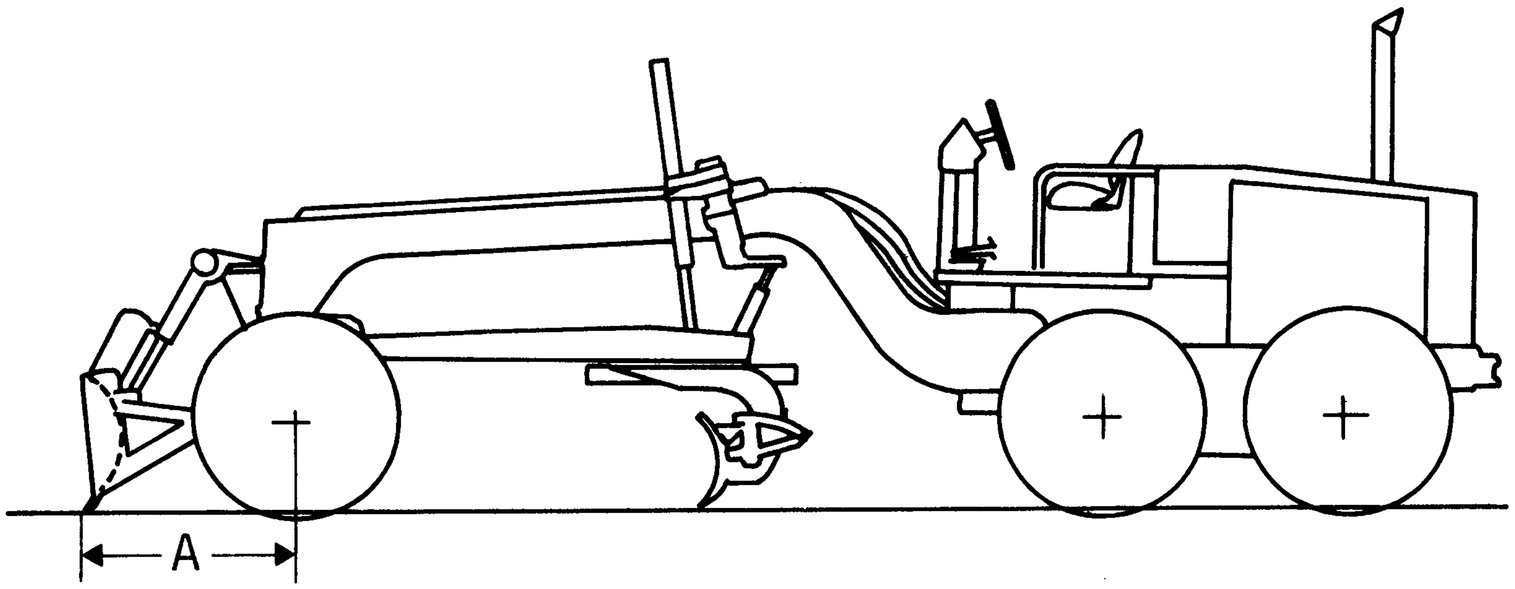
Front Dozer Blade Specifications





Item \ Model		200 SERIES*1	300 SERIES*1
ADDITIONAL WEIGHT: To operating weight To front axle To rear axle	kg(lb)	 + 260 (+ 570) + 585 (+ 1,290) – 325 (– 720)	 + 235 (+ 520) + 300 (+ 660) – 65 (– 140)
ADDITIONAL OVERALL LENGTH: A: Distance between blade edge and center of front tire	mm(ft.in)	1235 (4'1")	1265 (4'2")
BLADE RANGE: Digging angle Max. lift above ground Max. digging depth	 degree mm(ft.in) mm(ft.in)	 – 415 (1'4") 105 (4.1")	 – 620 (2') 190 (7.5")
BLADE EQUIPMENT: Type Weight Length × height	 kg(lb) mm(ft.in)	 Front arc, box section type hydraulically controlled 480 (1,060) 2200 × 685 (7'3" × 2'3")	 Front arc, box section type hydraulically controlled 505 (1,110) 2200 × 685 (7'3" × 2'3")
APPLICABLE MODEL		GD200A	GD300A

*1: As the front counterweight is removed when installing the front dozer blade, "Additional weight" differs from "Blade weight".

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Front Dozer Blade Specifications

Item \ Model		500 SERIES*1		600 SERIES*1		
ADDITIONAL WEIGHT:						
To operating weight	kg(lb)	+610(+ 1,340)	+405(+ 890)	+ 405	(+ 890)	
To front axle	kg(lb)	+730(+ 1,610)	+500(+ 1,100)	+ 500	(+ 1,100)	
To rear axle	kg(lb)	−120(− 260)	−95(− 210)	− 95	(− 210)	
ADDITIONAL OVERALL LENGTH:						
A: Distance between blade edge and center of front tire	mm(ft.in)	1380 (4'6")		1435 (4'8")	1440(4'9") 1455(4'9")*3 1435(4'8")*4	1485 (4'10")
BLADE RANGE:						
Digging angle	degree	54.5		52.7	54.4	54.0
Max. lift above ground	mm(ft.in)	545 (1'9"), 540 (1'9")*2		510 (1'8")	540 (1'9")	545 (1'9")
Max. drop below ground	mm(ft.in)	165 (6.5"), 160 (6.3")*2		190 (7.5")	160 (6.3")	155 (6.1")
BLADE EQUIPMENT:						
Type		Front arc, box section type hydraulically controlled				
Weight	kg(lb)	826 (1,820)				
Length × heignt	mm(ft.in)	2524 × 850 (8'3" × 2'9")				
APPLICABLE MODEL		G510R	GD511A·R GD513A·R GD521A·R GD523A·R GD525A*2	GD611A·R GD613A·R	GD621A·R GD623A·R GD661A*3 GD663A*4	GD625A

*1: As the front counterweight is removed when installing the front dozer blade, "Additional weight" differs from "Blade weight"

*2, *3 and *4 are applicable to models GD525A, GD661A and GD663A, respectively.

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Front Dozer Blade Specifications

Item	Model	700 SERIES*1
ADDITIONAL WEIGHT: To operating weight To front axle To rear axle	kg(lb)	 + 970 (+ 2,140) + 1100 (+ 2,450) – 140 (– 310)
ADDITIONAL OVERALL LENGTH: A: Distance between blade edge and center of front tire	mm(ft.in)	1610 (5'3")
BLADE RANGE: Digging angle Max. lift above ground Max. drop below ground	 degree mm(ft.in) mm(ft.in)	 55 555 (1'10") 110 (4.3")
BLADE EQUIPMENT: Type Weight Length × heignt	 kg(lb) mm(ft.in)	 Front arc, box section type hydraulically controlled 910 (2,010) 2500 × 850 (8'2" × 2'9")
APPLICABLE MODEL		GD705A

*1: As the front counterweight is removed when installing the front dozer blade, "Additional weight" differs from "Blade weight".

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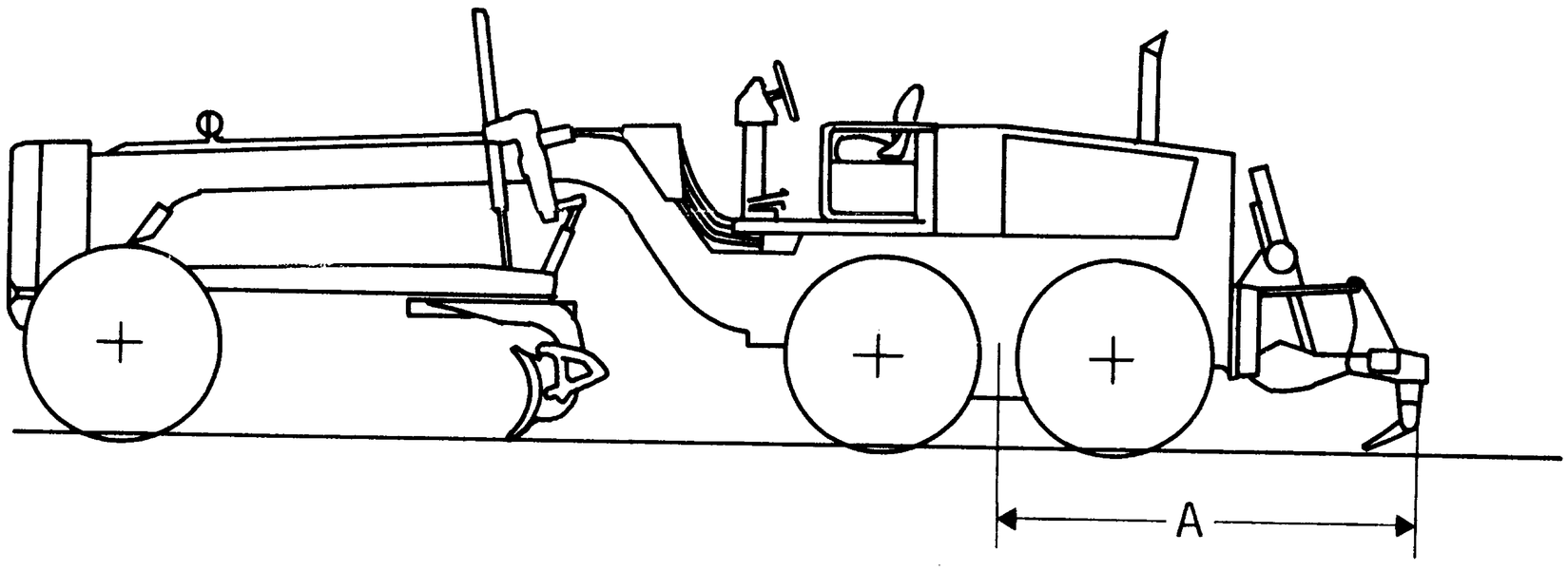
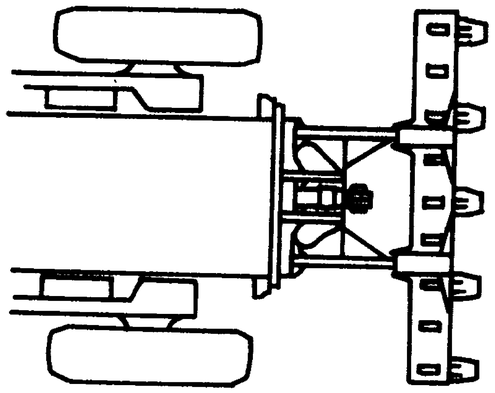
Rear Mounted Ripper Specifications





Item	Model	500 SERIES	600 SERIES	
ADDITIONAL WEIGHT: To operating weight To front axle To rear axle	kg(lb)	+ 1094 (+ 2,410) + 276 (+ 610) + 818 (+ 1,800)	+ 1854 (4,090) + 432 (+ 950) + 1422 (+ 3,130)	
ADDITIONAL OVERALL LENGTH: A: Distance between ripper end and center of tandem wheel	mm(ft.in)	2560 (8'5")	2850 (9'4")	2970 (9'9")
RIPPER RANGE: Cutting angle Max. lift above ground Max. digging depth	degree mm(ft.in) mm(ft.in)	80 600 (2') 300 (1')	550 (1' 10") 465 (1' 6")	
RIPPER EQUIPMENT: Type Weight Beam length Shanks: No. of shanks/Pitch Teeth point type	 kg(lb) mm(ft.in) mm(ft.in)	Tool bar type, hydraulically controlled 660 (1,460) 1958 (6'5") 3/900 (2'11") 5/450 (1'6") Replaceble	Parallerogram type, hydraulically controlled 1050 (2,310) 2303 (7'7") 3/1068 (3'6") 5/534 (1'9") Replaceble	
APPLICABLE MODEL		GD521A·R GD523A·R GD525A	GD621A·R GD623R	GD623A GD625A

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Rear Mounted Ripper Specifications

Item	Model	700 SERIES	800 SERIES
ADDITIONAL WEIGHT: To operating weight To front axle To rear axle	kg(lb)	+ 2080 (+ 4,590) + 180 (+ 400) + 1900 (+ 4,190)	+ 2585 (+ 5,700) – 35 (– 80) + 2620 (+ 5,780)
ADDITIONAL OVERALL LENGTH: A: Distance between ripper end and center of tandem wheel	mm(ft.in)	3372 (11'1")	3490 (11'5")
RIPPER RANGE: Cutting angle Max. lift above ground Max. digging depth	degree mm(ft.in) mm(ft.in)	– 600 (2') 380 (1' 3")	42 675 (2' 3") 480 (1' 7")
RIPPER EQUIPMENT: Type Weight Beam length Shanks: No. of shanks/Pitch Teeth point type	 kg(lb) mm(ft.in) mm(ft.in)	Parallerogram type hydraulically controlled 1410 (3,110) 2740 (9') 3/1275 (4'2") 7/425 (1'5") Replaceble	Parallerogram type hydraulically controlled 2015 (4,440) 3065 (10'1") 3/1425 (4'8") 7/475 (1'7") Replaceble
APPLICABLE MODEL		GD705A	GD825A

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Size	Code	Charac-ter-istics	TMPH at various ambient temperatures				Applicable models
			16°C (60°F)	27°C (80°F)	38°C (100°F)	49°C (120°F)	
9.00 – 20 – 10PR Tubed	G-1	GP	40	37	34	31	GD300A (F), GD461A (F)
10.00 – 20 – 10PR Tubed	G-2	GP	↑	↑	↑	↑	GD300A (R) (F), GD461A (F)
11.00 – 20 – 10PR Tubed	G-2	GP	52	48	45	42	GD461A (R)
11.00 – 20 – 12PR Tubed	G-2	GP	↑	↑	↑	↑	GD461A (R)
13.00 – 24 – 8PR Tubed	G-2	GP	72	67	62	56	GD510R, GD511A·R, GD513A·R, GD521A·R, GD523A·R
13.00 – 24 – 8PR Tubless	G-2	GP	↑	↑	↑	↑	GD513A, GD525A
13.00 – 24 – 10PR Tubed	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD611A, GD633A
13.00 – 24 – 10PR Tubless	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD525A, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD625A, GD611A

▭ : Standard tire (F): Front tire (R): Rear tire

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Size	Code	Charac-ter-istics	TMPH at various ambient temperatures				Applicable models
			16°C (60°F)	27°C (80°F)	38°C (100°F)	49°C (120°F)	
13.00 – 24 – 12PR Tubed	G-2	GP	72	67	62	56	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD661A, GD663A
13.00 – 24 – 12PR Tubless	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD625A, GD661A, GD663A
14.00 – 24 – 10PR Tubed	G-2	GP	88	81	75	68	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD661A, GD663A
14.00 – 24 – 10PR Tubless	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD525A, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD625A, GD661A, GD663A
14.00 – 24 – 12PR Tubed	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD661A, GD663A, [GD705R]
14.00 – 24 – 12PR Tubless	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD525A, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD625A, GD661A, GD663A, GD705R
15.50 – 25 – 12PR Tubed	G-2	GP	52	48	45	42	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD661A, GD663A
15.50 – 25 – 12PR Tubless	G-2	GP	↑	↑	↑	↑	GD511A·R, GD513A·R, GD521A·R, GD523A·R, GD525A, GD611A·R, GD613A·R, GD621A·R, GD623A·R, GD661A, GD663
16.00 – 24 – 12PR Tubed	G-2	GP	115	107	100	93	[GD705A]
16.00 – 24 – 12PR Tubless	G-2	GP	↑	↑	↑	↑	GD705A

[ ] : Standard tire

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Size	Code	Charac-ter-istics	TMPH at various ambient temperatures				Applicable models
			16°C (60°F)	27°C (80°F)	38°C (100°F)	49°C (120°F)	
17.50 – 25 – 12PR Tubed	G-2	GP	63	59	55	51	GD513A, GD663A, GD705R
17.50 – 25 – 12PR Tubless	G-2	GP	↑	↑	↑	↑	GD513A, GD525A, GD625A, GD663A, GD705R
18.00 – 25 – 12PR Tubed	G-3	GP	103	97	90	83	GD825A
18.00 – 25 – 12PR Tubless	G-3	GP	↑	↑	↑	↑	GD825A
20.50 – 25 – 12PR Tubless	G-2	GP	86	81	75	69	GD705A
23.50 – 25 – 12PR Tubless	G-3	GP	80	75	70	65	GD825A

▭ : Standard tire