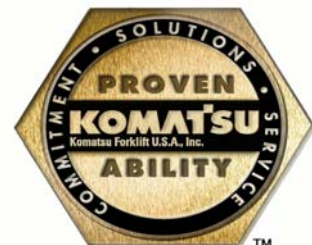


CX50 Pneumatic

8,000 thru 11,000 lbs. Capacity



Preliminary Specifications



New Komatsu CX50 Pneumatic Series

8,000 lb. Capacity

			New Komatsu	New Komatsu		
			FG40ZTU-10	FD40ZTU-10		
GENERAL						
Power Type		1	LPG	Diesel		
Operation Type		2	Sit-Down	Sit-Down		
Capacity @ 24 in. (600 mm) load center *	lbs. (kg)	3	8,000 (3500)	8,000 (3500)		
Load Distance - Front Axle Center to Fork Face	in. (mm)	4	21.3 (540)	21.3 (540)		
Wheelbase	in. (mm)	5	70.9 (1800)	70.9 (1800)		
WEIGHT						
Service weight (includes 2-stage std. mast & forks)	lbs. (kg)	6	12,630 (5730)	12,700 (5765)		
Axle Loading	Loaded	Front	lbs. (kg)	7	18,015 (7960)	18,125 (8010)
		Rear	lbs. (kg)	8	2,625 (1270)	2,585 (1255)
	Unloaded	Front	lbs. (kg)	9	4,950 (2245)	5,060 (2295)
		Rear	lbs. (kg)	10	7,680 (3485)	7,650 (3470)
TIRE						
Tire type		11	Pneumatic	Pneumatic		
Tire size, front		12	250 - 15 - 16PR (I)	250 - 15 - 16PR (I)		
Tire size, rear		13	7.00 - 12 - 12PR (I)	7.00 - 12 - 12PR (I)		
Number of wheel, front / rear	x= driven	14	2x / 2	2x / 2		
Tread (center of tires)	Front	in. (mm)	15	43.9 (1115)	43.9 (1115)	
	Rear	in. (mm)	16	44.1 (1120)	44.1 (1120)	
DIMENSIONS						
Tilting angle, 2-stage (FV) masts, forward / backward	deg.	17	6 / 12	6 / 12		
Mast height, lowered (2-stage std. mast)	in. (mm)	18	88.6 (2250)	82.7 (2100)		
Free lift height (2-stage std. mast)	in. (mm)	19	6.1 (155)	6.1 (155)		
Mast height, extended (2-stage std. mast) †	in. (mm)	20	174.4 (4430)	162.6 (4130)		
Maximum fork height (2-stage std. mast) **	in. (mm)	21	130 (3300)	118.1 (3000)		
Height overhead guard	in. (mm)	22	88.6 (2250)	88.6 (2250)		
Length, with Std. Forks	in. (mm)	23	158.5 (4025)	158.5 (4025)		
Length to fork face (2-stage mast)	in. (mm)	24	116.3 (2955)	116.3 (2955)		
Overall width, at drive tires (single)	in. (mm)	25	53.1 (1350)	53.1 (1350)		
Forks, thickness x width x length	in.	26	2.0 x 5.9 x 42.1	2.0 x 5.9 x 42.1		
Forks, thickness x width x length	mm	27	50 x 150 x 1070	50 x 150 x 1070		
Carriage width / ITA Class	in. (mm)	28	46.9 (1190) / III	46.9 (1190) / III		
Ground clearance, under mast	in. (mm)	29	5.5 (140)	5.5 (140)		
Ground clearance, center of wheelbase	in. (mm)	30	6.9 (175)	6.9 (175)		
Right angle stacking aisle	in. (mm)	31				
Turning radius, outside	in. (mm)	32	101.6 (2580)	101.6 (2580)		
PERFORMANCE						
Travel speed, forward, loaded - 1st / 2nd	mph (km/h)	33	11.2 (18.0) / NA	11.2 (18.0) / NA		
Travel speed, forward, unloaded - 1st / 2nd	mph (km/h)	34	11.8 (19.0) / NA	11.8 (19.0) / NA		
Lifting speed, loaded / unloaded (2-stage mast)	fpm (mm/s)	35	100 (510) / 100 (510)	106.3 (540) / 110.2 (560)		
Lowering speed, loaded / unloaded (2-stage mast)	fpm (mm/s)	36	98.4 (500) / 98.4 (500)	98.4 (500) / 98.4 (500)		
Maximum drawbar pull, loaded	lbs. (kN)	37	5,580 (25.0)	6,170 (27.0)		
Maximum gradeability	%	38	28.0	30.0		
Service brake, operation/control		39	Foot / Hydraulic	Foot / Hydraulic		
Parking brake, operation/control		40	Hand/ Mechanical	Hand / Mechanical		
Steering, type		41	FHPS	FHPS		
Battery / Voltage / Capacity at 5-hour rating	V / Ah		12 / 64	12 / 64		
DRIVE						
Engine Manufacturer / Engine model		42	Nissan EBT-TB45-3A	Komatsu SAA4D95LE-5-A		
Rated output (SAE Net)	HP (kW) @ rpm	43	84.0 (62.5) @ 2400	80 (59.7) @ 2400		
Maximum torque (SAE Net)	lb-ft (Nm) @ rpm	44	204 (277) @ 800	237 (321) @ 1600		
No. of cylinder / displacement	cu. in. (cm ³)	45	6 / 273 (4478)	4 / 199 (3260)		
Fuel tank capacity	U.S. gallons (liters)	46	20.1 (76)	20.1 (76)		
OTHER						
Relief pressure, maximum	psi (bar)	47	3000 (206)	3000 (206)		
Transmission		48	TORQFLOW	TORQFLOW		

New Komatsu CX50 Pneumatic Series

9,000 lb. Capacity

				New Komatsu	
				FG40TU-10	FD40TU-10
1					
Power Type	1	LPG	Diesel		
Operation Type	2	Sit-Down	Sit-Down		
Capacity @ 24 in. (600 mm) load center *	lbs. (kg) 3	9,000 (4000)	9,000 (4000)		
Load Distance - Front Axle Center to Fork Face	in. (mm) 4	22.8 (580)	22.8 (580)		
Wheelbase	in. (mm) 5	78.7 (2000)	78.7 (2000)		
WEIGHT					
Service weight (includes 2-stage std. mast & forks)	lbs. (kg) 6	13,800 (6260)	13,880 (6295)		
Axle Loading	Loaded	Front	lbs. (kg) 7	19,650 (8915)	19,740 (8955)
		Rear	lbs. (kg) 8	2,970 (1345)	2,950 (1340)
	Unloaded	Front	lbs. (kg) 9	5,640 (2560)	5,720 (2595)
		Rear	lbs. (kg) 10	8,160 (3700)	8,160 (3700)
TIRE					
Tire type	11	Pneumatic	Pneumatic		
Tire size, front	12	300 - 15 - 18PR (I)	300 - 15 - 18PR (I)		
Tire size, rear	13	7.00 - 12 - 12PR (I)	7.00 - 12 - 12PR (I)		
Number of wheel, front / rear	x= driven 14	2x / 2	2x / 2		
Tread (center of tires)	Front	in. (mm) 15	45.3 (1150)	45.3 (1150)	
	Rear	in. (mm) 16	44.1 (1120)	44.1 (1120)	
DIMENSIONS					
Tilting angle, 2-stage (FV) masts, forward / backward	deg. 17	6 / 12	6 / 12		
Mast height, lowered (2-stage std. mast)	in. (mm) 18	88.8 (2255)	88.8 (2255)		
Free lift height (2-stage std. mast)	in. (mm) 19	6.3 (160)	6.3 (160)		
Mast height, extended (2-stage std. mast) †	in. (mm) 20	174.4 (4430)	174.4 (4430)		
Maximum fork height (2-stage std. mast) **	in. (mm) 21	130 (3300)	130 (3300)		
Height overhead guard	in. (mm) 22	90.2 (2290)	90.2 (2290)		
Length, with Std. Forks	in. (mm) 23	166.1 (4220)	166.1 (4220)		
Length to fork face (2-stage mast)	in. (mm) 24	124.0 (3150)	124.0 (3150)		
Overall width, at drive tires (single)	in. (mm) 25	57.1 (1450)	57.1 (1450)		
Forks, thickness x width x length	in. 26	2.2 x 5.9 x 42.1	2.2 x 5.9 x 42.1		
Forks, thickness x width x length	mm 27	55 x 150 x 1070	55 x 150 x 1070		
Carriage width / ITA Class	in. (mm) 28	46.9 (1190) / III	46.9 (1190) / III		
Ground clearance, under mast	in. (mm) 29	5.7 (145)	5.7 (145)		
Ground clearance, center of wheelbase	in. (mm) 30	8.7 (220)	8.7 (220)		
Right angle stacking aisle	in. (mm) 31				
Turning radius, outside	in. (mm) 32	109.1 (2770)	109.1 (2770)		
PERFORMANCE					
Travel speed, forward, loaded - 1st / 2nd	mph (km/h) 33	11.2 (18.0) / NA	11.2 (18.0) / NA		
Travel speed, forward, unloaded - 1st / 2nd	mph (km/h) 34	11.8 (19.0) / NA	11.8 (19.0) / NA		
Lifting speed, loaded / unloaded (2-stage mast)	fpm (mm/s) 35	100.4 (510) / 100.4 (510)	106.3 (540) / 110.2 (560)		
Lowering speed, loaded / unloaded (2-stage mast)	fpm (mm/s) 36	98.4 (500) / 98.4 (500)	98.4 (500) / 98.4 (500)		
Maximum drawbar pull, loaded	lbs. (kN) 37	5,540 (25.0)	6,170 (27.0)		
Maximum gradeability	% 38	25.0	28.0		
Service brake, operation/control	39	Foot / Hydraulic	Foot / Hydraulic		
Parking brake, operation/control	40	Hand / Mechanical	Hand / Mechanical		
Steering, type	41	FHPS	FHPS		
Battery / Voltage / Capacity at 5-hour rating	V / Ah	12 / 64	12 / 64		
DRIVE					
Engine Manufacturer / Engine model	42	Nissan EBT-TB45-3A	Komatsu SAA4D95LE-5-A		
Rated output (SAE Net)	HP (kW) @ rpm 43	84 (62.5) @ 2400	80 (59.7) @ 2400		
Maximum torque (SAE Net)	lb-ft (Nm) @ rpm 44	204 (277) @ 800	237 (321) @ 1600		
No. of cylinder / displacement	cu. in. (cm ³) 45	6 / 273 (4478)	4 / 199 (3260)		
Fuel tank capacity	U.S. gallons (liters) 46	25.9 (98)	25.9 (98)		
OTHER					
Relief pressure, maximum	psi (bar) 47	3000 (206)	3000 (206)		
Transmission	48	TORQFLOW	TORQFLOW		

New Komatsu CX50 Pneumatic Series

10,000 lb. Capacity

				New Komatsu	
				FG45TU-10	FD45TU-10
GENERAL					
Power Type	1		LPG	Diesel	
Operation Type	2		Sit-Down	Sit-Down	
Capacity @ 24 in. (600 mm) load center *	lbs. (kg)	3	10,000 (4500)	10,000 (4500)	
Load Distance - Front Axle Center to Fork Face	in. (mm)	4	23.2 (590)	23.2 (590)	
Wheelbase	in. (mm)	5	78.7 (2000)	78.7 (2000)	
WEIGHT					
Service weight (includes 2-stage std. mast & forks)	lbs. (kg)	6	15,120 (6860)	15,200 (6895)	
Axle Loading	Loaded	Front	lbs. (kg)	7 21,960 (9960)	22,040 (9995)
		Rear	lbs. (kg)	8 3,090 (1400)	3,090 (1400)
	Unloaded	Front	lbs. (kg)	9 6,130 (2780)	6,210 (2815)
		Rear	lbs. (kg)	10 8,990 (4080)	8,990 (4085)
TIRE					
Tire type	11		Pneumatic	Pneumatic	
Tire size, front	12		300 - 15 - 18PR (I)	300 - 15 - 18PR (I)	
Tire size, rear	13		7.00 - 12 - 14PR (I)	7.00 - 12 - 14PR (I)	
Number of wheel, front / rear	x= driven	14	2x / 2	2x / 2	
Tread (center of tires)	Front	in. (mm)	15 45.3 (1150)	45.3 (1150)	
	Rear	in. (mm)	16 44.1 (1120)	44.1 (1120)	
DIMENSIONS					
Tilting angle, 2-stage (FV) masts, forward / backward	deg.	17	6 / 12	6 / 12	
Mast height, lowered (2-stage std. mast)	in. (mm)	18	92.7 (2355)	92.7 (2355)	
Free lift height (2-stage std. mast)	in. (mm)	19	5.7 (145)	5.7 (145)	
Mast height, extended (2-stage std. mast) †	in. (mm)	20	174.6 (4430)	174.6 (4430)	
Maximum fork height (2-stage std. mast) **	in. (mm)	21	130 (3300)	130 (3300)	
Height overhead guard	in. (mm)	22	90.2 (2290)	90.2 (2290)	
Length, with Std. Forks	in. (mm)	23	168.1 (4270)	168.1 (4270)	
Length to fork face (2-stage mast)	in. (mm)	24	126.0 (3200)	126.0 (3200)	
Overall width, at drive tires (single)	in. (mm)	25	57.1 (1450)	57.1 (1450)	
Forks, thickness x width x length	in.	26	2.2 x 5.9 x 42.1	2.2 x 5.9 x 42.1	
Forks, thickness x width x length	mm	27	55 x 150 x 1070	55 x 150 x 1070	
Carriage width / ITA Class	in. (mm)	28	46.9 (1190) / III	46.9 (1190) / III	
Ground clearance, under mast	in. (mm)	29	5.7 (145)	5.7 (145)	
Ground clearance, center of wheelbase	in. (mm)	30	8.7 (220)	8.7 (220)	
Right angle stacking aisle	in. (mm)	31			
Turning radius, outside	in. (mm)	32	111.0 (2820)	111.0 (2820)	
PERFORMANCE					
Travel speed, forward, loaded - 1st / 2nd	mph (km/h)	33	9.6 (15.5) / 14.3 (23.0)	9.0 (14.5) / 14.9 (24.0)	
Travel speed, forward, unloaded - 1st / 2nd	mph (km/h)	34	10.3 (16.5) / 14.9 (24.0)	9.6 (15.5) / 15.5 (25.0)	
Lifting speed, loaded / unloaded (2-stage mast)	fpm (mm/s)	35	86.6 (440) / 86.6 (440)	92.5 (470) / 94.5 (480)	
Lowering speed, loaded / unloaded (2-stage mast)	fpm (mm/s)	36	98.4 (500) / 98.4 (500)	98.4 (500) / 98.4 (500)	
Maximum drawbar pull, loaded	lbs. (kN)	37	6,410 (29.0)	7,490 (33.0)	
Maximum gradeability	%	38	26.0	29.0	
Service brake, operation/control		39	Foot / Hydraulic	Foot / Hydraulic	
Parking brake, operation/control		40	Hand/ Mechanical	Hand/ Mechanical	
Steering, type		41	FHPS	FHPS	
Battery / Voltage / Capacity at 5-hour rating	V / Ah		12 / 64	12 / 64	
DRIVE					
Engine Manufacturer / Engine model		42	Nissan EBT-TB45-1A	Komatsu SAA4D95LE-5-A	
Rated output (SAE Net)	HP (kW) @ rpm	43	84 (62.5) @ 2400	80 (59.7) @ 2400	
Maximum torque (SAE Net)	lb-ft (Nm) @ rpm	44	204 (277) @ 800	237 (321) @ 1600	
No. of cylinder / displacement	cu. in. (cm ³)	45	6 / 273 (4478)	4 / 199 (3260)	
Fuel tank capacity	U.S. gallons (liters)	46	25.9 (98)	25.9 (98)	
OTHER					
Relief pressure, maximum	psi (bar)	47	3000 (206)	3000 (206)	
Transmission		48	TORQFLOW	TORQFLOW	

New Komatsu CX50 Pneumatic Series

11,000 lb. Capacity

GENERAL				New Komatsu	New Komatsu	
				FG50ATU-10	FD50ATU-10	
Power Type	1			LPG	Diesel	
Operation Type	2			Sit-Down	Sit-Down	
Capacity @ 24 in. (600 mm) load center *	lbs. (kg)	3		11,000 (5000)	11,000 (5000)	
Load Distance - Front Axle Center to Fork Face	in. (mm)	4		22.6 (575)	22.6 (575)	
Wheelbase	in. (mm)	5		78.7 (2000)	78.7 (2000)	
WEIGHT						
Service weight (includes 2-stage std. mast & forks)	lbs. (kg)	6		16,090 (7300)	16,170 (7335)	
Axle Loading	Loaded	Front	lbs. (kg)	7	23,820 (10805)	23,900 (10840)
		Rear	lbs. (kg)	8	3,300 (1495)	3,300 (1495)
	Unloaded	Front	lbs. (kg)	9	6,330 (2870)	6,400 (2905)
		Rear	lbs. (kg)	10	9,770 (4430)	9,770 (4430)
TIRE						
Tire type	11			Pneumatic	Pneumatic	
Tire size, front	12			300 - 15 - 18PR (I)	300 - 15 - 18PR (I)	
Tire size, rear	13			7.00 - 12 - 14PR (I)	7.00 - 12 - 14PR (I)	
Number of wheel, front / rear	x= driven	14		2x / 2	2x / 2	
Tread (center of tires)	Front	in. (mm)	15	45.3 (1150)	45.3 (1150)	
	Rear	in. (mm)	16	44.1 (1120)	44.1 (1120)	
DIMENSIONS						
Tilting angle, 2-stage (FV) masts, forward / backward	deg.	17		6 / 12	6 / 12	
Mast height, lowered (2-stage std. mast)	in. (mm)	18		92.7 (2355)	92.7 (2355)	
Free lift height (2-stage std. mast)	in. (mm)	19		5.7 (145)	5.7 (145)	
Mast height, extended (2-stage std. mast) †	in. (mm)	20		182.9 (4645)	182.9 (4645)	
Maximum fork height (2-stage std. mast) **	in. (mm)	21		130 (3300)	130 (3300)	
Height overhead guard	in. (mm)	22		90.2 (2290)	90.2 (2290)	
Length, with Std. Forks	in. (mm)	23		173.4 (4405)	173.4 (4405)	
Length to fork face (2-stage mast)	in. (mm)	24		125.4 (3185)	125.4 (3185)	
Overall width, at drive tires (single)	in. (mm)	25		57.1 (1450)	57.1 (1450)	
Forks, thickness x width x length	in.	26		2.2 x 5.9 x 48.0	2.2 x 5.9 x 48.0	
Forks, thickness x width x length	mm	27		55 x 150 x 1220	55 x 150 x 1220	
Carriage width / ITA Class	in. (mm)	28		50.0 (1270) / IV	50.0 (1270) / IV	
Ground clearance, under mast	in. (mm)	29		5.7 (145)	5.7 (145)	
Ground clearance, center of wheelbase	in. (mm)	30		8.7 (220)	8.7 (220)	
Right angle stacking aisle	in. (mm)	31				
Turning radius, outside	in. (mm)	32		112.2 (2850)	112.2 (2850)	
PERFORMANCE						
Travel speed, forward, loaded - 1st / 2nd	mph (km/h)	33		9.0 (14.5) / 14.6 (23.5)	9.0 (14.5) / 14.9 (24.0)	
Travel speed, forward, unloaded - 1st / 2nd	mph (km/h)	34		9.6 (15.5) / 15.2 (24.5)	9.6 (15.5) / 15.5 (25.0)	
Lifting speed, loaded / unloaded (2-stage mast)	fpm (mm/s)	35		86.6 (440) / 86.6 (440)	92.5 (470) / 94.5 (480)	
Lowering speed, loaded / unloaded (2-stage mast)	fpm (mm/s)	36		98.4 (500) / 98.4 (500)	98.4 (500) / 98.4 (500)	
Maximum drawbar pull, loaded	lbs. (kN)	37		6,420 (29.0)	7,490 (33.0)	
Maximum gradeability	%	38		25.0	28.0	
Service brake, operation/control		39		Foot / Hydraulic	Foot / Hydraulic	
Parking brake, operation/control		40		Hand/ Mechanical	Hand/ Mechanical	
Steering, type		41		FHPS	FHPS	
Battery / Voltage / Capacity at 5-hour rating	V / Ah			12 / 64	12 / 64	
DRIVE						
Engine Manufacturer / Engine model		42		Nissan EBT-TB45-1A	Komatsu SAA4D95LE-5-A	
Rated output (SAE Net)	HP (kW) @ rpm	43		84 (62.5) @ 2400	80 (59.7) @ 2400	
Maximum torque (SAE Net)	lb-ft (Nm) @ rpm	44		204 (277) @ 800	237 (321) @ 1600	
No. of cylinder / displacement	cu. in. (cm ³)	45		6 / 273 (4478)	4 / 199 (3260)	
Fuel tank capacity	U.S. gallons (liters)	46		25.9 (98)	25.9 (98)	
OTHER						
Relief pressure, maximum	psi (bar)	47		3000 (206)	3000 (206)	
Transmission		48		TORQFLOW	TORQFLOW	

CX50 Pneumatic Mast Options

8,000 & 9,000 lb. Models

<u>Mast Type</u>	<u>Tilt</u>	<u>MFH</u>	<u>OALH</u>	<u>FL</u>
2-Stage Free View	6°F / 12°B	118.0"	82.7"	6.1"
2-Stage Free View	6°F / 12°B	130.0"	88.6"	6.1"
2-Stage Free View	6°F / 12°B	138.0"	92.5"	6.1"
2-Stage Free View	6°F / 12°B	146.0"	96.5"	6.1"
2-Stage Free View	6°F / 12°B	157.0"	104.3"	6.1"
2-Stage Full Free View	6°F / 12°B	118.0"	82.7"	40.6"
2-Stage Full Free View	6°F / 12°B	130.0"	88.6"	46.5"
2-Stage Full Free View	6°F / 12°B	138.0"	92.5"	50.4"
2-Stage Full Free View	6°F / 12°B	157.0"	104.3"	62.2"
3-Stage Full Free View	6°F / 6°B	157.0"	78.7"	36.6"
3-Stage Full Free View	6°F / 6°B	169.0"	82.7"	40.6"
3-Stage Full Free View	6°F / 6°B	177.0"	86.6"	44.5"
3-Stage Full Free View	6°F / 6°B	185.0"	90.6"	48.4"
3-Stage Full Free View	6°F / 6°B	197.0"	94.5"	52.4"
3-Stage Full Free View	6°F / 6°B	217.0"	100.4"	58.3"
3-Stage Full Free View	6°F / 6°B	236.0"	108.3"	66.1"

10,000 lb. Models

<u>Mast Type</u>	<u>Tilt</u>	<u>MFH</u>	<u>OALH</u>	<u>FL</u>
2-Stage Free View	6°F / 12°B	118.0"	86.8"	5.7"
2-Stage Free View	6°F / 12°B	130.0"	92.7"	5.7"
2-Stage Free View	6°F / 12°B	138.0"	96.7"	5.7"
2-Stage Free View	6°F / 12°B	146.0"	100.6"	5.7"
2-Stage Free View	6°F / 12°B	157.0"	108.5"	5.7"
2-Stage Full Free View	6°F / 12°B	118.0"	86.8"	44.7"
2-Stage Full Free View	6°F / 12°B	130.0"	92.7"	50.6"
2-Stage Full Free View	6°F / 12°B	138.0"	96.7"	54.5"
2-Stage Full Free View	6°F / 12°B	157.0"	108.5"	66.3"
3-Stage Full Free View	6°F / 6°B	157.0"	82.9"	40.7"
3-Stage Full Free View	6°F / 6°B	169.0"	86.8"	44.7"
3-Stage Full Free View	6°F / 6°B	177.0"	90.7"	48.6"
3-Stage Full Free View	6°F / 6°B	185.0"	92.7"	50.6"
3-Stage Full Free View	6°F / 6°B	197.0"	96.7"	54.5"
3-Stage Full Free View	6°F / 6°B	217.0"	102.6"	60.4"
3-Stage Full Free View	6°F / 6°B	236.0"	110.4"	68.3"

11,000 lb. Models

2-Stage Free View	6°F / 12°B	118.0"	86.8"	5.7"
2-Stage Free View	6°F / 12°B	130.0"	92.7"	5.7"
2-Stage Free View	6°F / 12°B	138.0"	96.7"	5.7"
2-Stage Free View	6°F / 12°B	146.0"	100.6"	5.7"
2-Stage Free View	6°F / 12°B	157.0"	108.5"	5.7"
2-Stage Full Free View	6°F / 12°B	118.0"	86.8"	36.6"
2-Stage Full Free View	6°F / 12°B	130.0"	92.7"	42.5"
2-Stage Full Free View	6°F / 12°B	138.0"	96.7"	46.5"

2-Stage Full Free View	6°F / 12°B	157.0"	108.5"	58.3"
3-Stage Full Free View	6°F / 6°B	157.0"	88.8"	38.6"
3-Stage Full Free View	6°F / 6°B	169.0"	92.7"	42.5"
3-Stage Full Free View	6°F / 6°B	177.0"	96.7"	46.5"
3-Stage Full Free View	6°F / 6°B	185.0"	98.6"	48.4"
3-Stage Full Free View	6°F / 6°B	197.0"	102.6"	52.4"
3-Stage Full Free View	6°F / 6°B	217.0"	108.5"	58.3"
3-Stage Full Free View	6°F / 6°B	236.0"	116.3"	66.1"

Standard Features Include:

- U.L. Approval
- EPA Emission Compliant Fuel System
- EBT-TB45-3A LPG Engine w/ Electronic Control System (FG)
- Komatsu SAA4D95LE-5-A Diesel (FD)
- Anti-Restart Ignition Switch
- Single Speed Powershift Transmission - 8,000 and 9,000 lb. Models
- Two Speed Powershift Transmission - 10,000 and 11,000 Models
- Torque Converter & Hydraulic Oil Cooler
- Wet Disc Brakes
- Fuel (Gas/Diesel) & Water Temperature Gauges
- Warning Lights For Oil Pressure and Battery Charge
- Three-Way Hydraulic Control Valve
- Overhead Guard w/ High Air Intake
- Closed Loop Exhaust System w/ Three Way Catalytic Converter (FG)
- Komatsu Operator Presence System PLUS (KOPS PLUS)
- Engine Protection System w/ Two-stage Prevention of Excessive Engine Coolant Heat
- Fully Hydrostatic Power Steering (FHPS)
- Tilting Steering Console
- Headlights, OHG Mounted
- Stop, Tail, Turn Signals, and Backup Lights
- "Komfort" Full Suspension Seat - Vinyl
- Operator Restraint System w/ Retractable Lap Belt
- Full Floating Operator Compartment (SC)
- Adjustable Toggle Type Parking Brake
- Horn & Hour Meter
- Draw Bar Pin
- Publications - English