

KOMATSU

BX50 Series *IC Pneumatic*

General

GENERAL	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16
Power Type	LPG	LPG	LPG	LPG	LPG
Operation Type	Sit-Down	Sit-Down	Sit-Down	Sit-Down	Sit-Down
Capacity @ 24 in. (600mm) Load Center	4,000 lbs	5,000 lbs	5,000 lbs	6,000 lbs	6,500 lbs
Load Distance From Center Axle (2 Stage)	17.9 in	17.9 in	17.9 in	19.1 in	19.1 in
Wheelbase	65 in	65 in	65 in	66.9 in	66.9 in

Weight

WEIGHT	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16	
Service Weight	7,180 lbs	7,941 lbs	7,941 lbs	9,405 lbs	9,791 lbs	
Axle Loading	Loaded Front	9,880 lbs	11,360 lbs	11,360 lbs	13,510 lbs	14,200 lbs
	Loaded Rear	1,300 lbs	1,590 lbs	1,590 lbs	1,910 lbs	2,110 lbs
	Unloaded Front	3,270 lbs	3,110 lbs	3,110 lbs	3,600 lbs	3,480 lbs
	Unloaded Rear	3,900 lbs	4,840 lbs	4,840 lbs	5,810 lbs	6,320 lbs

Tires

TIRES	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16	
Tire Type	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	
Tire Size	Front	7 - 12 - 12PR	7 - 12 - 12PR	7 - 12 - 12PR	28x9-15 -12PR(I)	28x9-15- 12PR(I)
	Rear	6 - 9 - 10PR	6 - 9 - 10PR	6 - 9 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 10PR
Number of Wheels, Front/Rear	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	
Tread	Front	38 in	38 in	38 in	40.4 in	40.4 in
	Rear	37.8 in	37.8 in	37.8 in	38 in	38 in

Dimensions

DIMENSIONS	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16	
Tilting Angle, Forward/Backward	6 / 12 deg	6 / 12 deg	6 / 12 deg	6 / 12 deg	6 / 12 deg	
Mast Height	Lowered	85.4 in	85.4 in	85.4 in	85 in	88.6 in
	Extended	176 in	176 in	176 in	176 in	176 in
Free Lift Height	5.5 in	5.5 in	5.5 in	5.5 in	5.5 in	

Maximum Fork Height	128 in	128 in	128 in	128 in	128 in
Height Overhead Guard	83.1 in	83.1 in	83.1 in	83.9 in	83.9 in
Length, with Standard Forks	141.5 in	144.5 in	144.5 in	148.8 in	150.6 in
Length to Fork Face	99.4 in	102.4 in	102.4 in	106.7 in	108.5 in
Overall Width at Drive Tires	45.3 in	45.3 in	45.3 in	48.6 in	48.6 in
Forks, Thickness x Width x Length	1.6 x 3.9 x 42 in	1.6 x 3.9 x 42 in	1.6x3.9 x42 in	2 x 4.9 x 42 in	2 x 4.9 x 42 in
Carriage Width/ITA Class	40.9 in / II	40.9 in / II	40.9 in / II	41 in / III	42.1 in / III
Ground Clearance, Under Mast	5.5 in	5.5 in	5.5 in	5.5 in	5.5 in
Ground Clearance, Center of Wheelbase	6.2 in	6.2 in	6.2 in	7.3 in	7.3 in
Right Angle Stacking Aisle	104.1 in	106.1 in	106.1 in	112.4 in	114.4 in
Turning Radius, Outside	86.2 in	88.2 in	88.2 in	93.3 in	95.3 in

Performance

PERFORMANCE	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16
Travel Speed, Loaded/Unloaded	11.2 / 11.8 mph	11.2 / 11.8 mph	11.2 / 11.8 mph	11.5 / 12.1 mph	10.9 / 11.5 mph
Lifting Speed, Loaded/Unloaded	120 / 124 fpm	120 / 124 fpm	120 / 124 fpm	104 / 124 fpm	104 / 114 fpm
Lowering Speed, Loaded/Unloaded	98 / 98 fpm	98 / 98 fpm	98 / 98 fpm	98 / 98 fpm	98 / 98 fpm
Maximum Drawbar Pull, Loaded	3,960 lbs	3,960 lbs	4,720 lbs	4,630 lbs	4,630 lbs
Maximum Gradeability	32%	27%	34%	27%	25%
Service Brake, Operation/Control	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
Parking Brake, Operation/Control	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical
Steering Type	FHPS	FHPS	FHPS	FHPS	FHPS

Drive

DRIVE	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16
Engine Manufacturer / Engine Model	GCT / K21	GCT / K21	GCT / K25	GCT / K25	GCT / K25
Rated Output (SAE Net)	56 HP @ 2,700 rpm	56 HP @ 2,700 rpm	60 HP @ 2,700 rpm	60 HP @ 2,700 rpm	60 HP @ 2,700 rpm
Maximum Torque (SAE Net)	119 lb-ft @ 1,600 rpm	119 lb-ft @ 1,600 rpm	142 lb-ft @ 1,600 rpm	142 lb-ft @ 1,600 rpm	142 lb-ft @ 1,600 rpm
# of Cylinders / Displacement	4 / 126 cu in	4 / 126 cu in	4 / 152 cu in	4 / 152 cu in	4 / 152 cu in
Fuel Tank Capacity	15.3 US Gallons	15.3 US Gallons	15.3 US Gallons	15.3 US Gallons	15.3 US Gallons

Other

OTHER	FG20T-16	FG25T-16	FG25HT-16	FG30HT-16	FG32HT-16
Relief Pressure, Maximum	2,650 psi	2,650 psi	2,650 psi	2,650 psi	2,650 psi
Transmission	Powershift	Powershift	Powershift	Powershift	Powershift
Sound Level	82dB	82dB	83dB	83dB	83dB