

SPECIFICATION SHEET

AX50 Series *IC Pneumatic*

General

GENERAL	FG15HTU-20	FG18HTU-20
Power Type	LPG	LPG
Operation Type	Sit-Down	Sit-Down
Capacity @ 24 in. (600mm) Load Center	3,000 lbs	3,500 lbs
Load Distance From Center Axle (2 Stage)	15.4 in	15.4 in
Wheelbase	55.1 in	55.1 in

Weight

WEIGHT		FG15HTU-20	FG18HTU-20
Service Weight		6,230 lbs	6,700 lbs
Axle Loading	Loaded Front	7,190 lbs	8,640 lbs
	Loaded Rear	1,311 lbs	1,543 lbs
	Unloaded Front	2,500 lbs	2,360 lbs
	Unloaded Rear	3,730 lbs	4,340 lbs

Tires

TIRES		FG15HTU-20	FG18HTU-20
Tire Type		Pneumatic	Pneumatic
Tire Size	Front	6.5 - 10 - 10PR (I)	6.5 - 10 - 10PR (I)
	Rear	5 - 8 - 8PR (I)	5 - 8 - 8PR (I)
Number of Wheels, Front/Rear		2x / 2	2x / 2
Tread	Front	35 in	35 in
	Rear	35.2 in	35.2 in

Dimensions

DIMENSIONS		FG15HTU-20	FG18HTU-20
Tilting Angle, Forward/Backward		6 / 8 deg	6 / 8 deg
Mast Height	Lowered	85.5 in	85.5 in
	Extended	176 in	176 in
Free Lift Height		5.5 in	5.5 in
Maximum Fork Height		128 in	128 in
Height Overhead Guard		81.5 in	81.5 in
Length, with Standard Forks		129.7 in	131.3 in
Length to Fork Face		87.6 in	89.2 in
Overall Width at Drive Tires		42.1 in	42.1 in
Forks, Thickness x Width x		1.6 x 4 x 42.1	1.6 x 4 x 42.1

Length	in	in
Carriage Width/ITA Class	41 in / II	41 in / II
Ground Clearance, Under Mast	5.5 in	5.5 in
Ground Clearance, Center of Wheelbase	5.1 in	5.1 in
Right Angle Stacking Aisle	92.4 in	93.7 in
Turning Radius, Outside	77 in	78.3 in

Performance

PERFORMANCE	FG15HTU-20	FG18HTU-20
Travel Speed, Loaded/Unloaded	11.8 / 12.4 mph	11.8 / 12.4 mph
Lifting Speed, Loaded/Unloaded	135 / 138 fpm	135 / 138 fpm
Lowering Speed, Loaded/Unloaded	98 / 98 fpm	98 / 98 fpm
Maximum Drawbar Pull, Loaded	3,700 lbs	3,700 lbs
Maximum Gradeability	39%	35%
Service Brake, Operation/Control	Foot / Hydraulic	Foot / Hydraulic
Parking Brake, Operation/Control	Hand / Mechanical	Hand / Mechanical
Steering Type	FHPS	FHPS

Drive

DRIVE	FG15HTU-20	FG18HTU-20
Engine Manufacturer / Engine Model	GCT / K21	GCT / K21
Rated Output (SAE Net)	56 HP @ 2,700 rpm	56 HP @ 2,700 rpm
Maximum Torque (SAE Net)	119 lb-ft @ 1,600 rpm	119 lb-ft @ 1,600 rpm
# of Cylinders / Displacement	4 / 126 cu in	4 / 126 cu in
Fuel Tank Capacity	11 US Gallons	11 US Gallons

Other

OTHER	FG15HTU-20	FG18HTU-20
Relief Pressure, Maximum	2,650 psi	2,650 psi
Transmission	Powershift	Powershift
Sound Level	84 dB	84 dB