

SPECIFICATION SHEET

AX50 Series *IC Cushion*

General

GENERAL	FG18SHTU-20
Power Type	LPG
Operation Type	Sit-Down
Capacity @ 24 in. (600mm) Load Center	3,500 lbs
Load Distance From Center Axle (2 Stage)	15 in
Wheelbase	48 in

Weight

WEIGHT	FG18SHTU-20	
Service Weight	6,700 lbs	
Axle Loading	Loaded Front	8,640 lbs
	Loaded Rear	1,543 lbs
	Unloaded Front	2,360 lbs
	Unloaded Rear	4,340 lbs

Tires

TIRES	FG18SHTU-20

Tire Type		Cushion
Tire Size	Front	18 x 6 x 12.13 in
	Rear	14 x 4.5 x 8 in
Number of Wheels, Front/Rear		2x / 2
Tread	Front	32.1 in
	Rear	32.1 in

Dimensions

DIMENSIONS		FG18SHTU-20
Tilting Angle, Forward/Backward		6 / 8 deg
Mast Height	Lowered	83.5 in
	Extended	176 in
Free Lift Height		5.5 in
Maximum Fork Height		128 in
Height Overhead Guard		80.3 in
Length, with Standard Forks		123.2 in
Length to Fork Face		81.1 in
Overall Width at Drive Tires		38.2 in
Forks, Thickness x Width x Length		1.6 x 4 x 42.1 in
Carriage Width/ITA Class		37 in / II
Ground Clearance, Under Mast		3.5 in
Ground Clearance, Center of Wheelbase		4 in

Right Angle Stacking Aisle	85.9 in
Turning Radius, Outside	70.9 in

Performance

PERFORMANCE	FG18SHTU-20
Travel Speed, Loaded/Unloaded	10.6 / 10.6 mph
Lifting Speed, Loaded/Unloaded	135 / 138 fpm
Lowering Speed, Loaded/Unloaded	98 / 98 fpm
Maximum Drawbar Pull, Loaded	4,300 lbs
Maximum Gradeability	37%
Service Brake, Operation/Control	Foot / Hydraulic
Parking Brake, Operation/Control	Hand / Mechanic
Steering Type	FHPS

Drive

DRIVE	FG18SHTU-20
Engine Manufacturer / Engine Model	GCT / K21
Rated Output (SAE Net)	56 HP @ 2,700 rpm
Maximum Torque (SAE Net)	116 lb-ft @ 1,600 rpm
# of Cylinders / Displacement	4 / 126 cu in

Other

OTHER	FG18SHTU-20
Relief Pressure, Maximum	2,650 psi
Transmission	Powershift
Sound Level	84 dB