

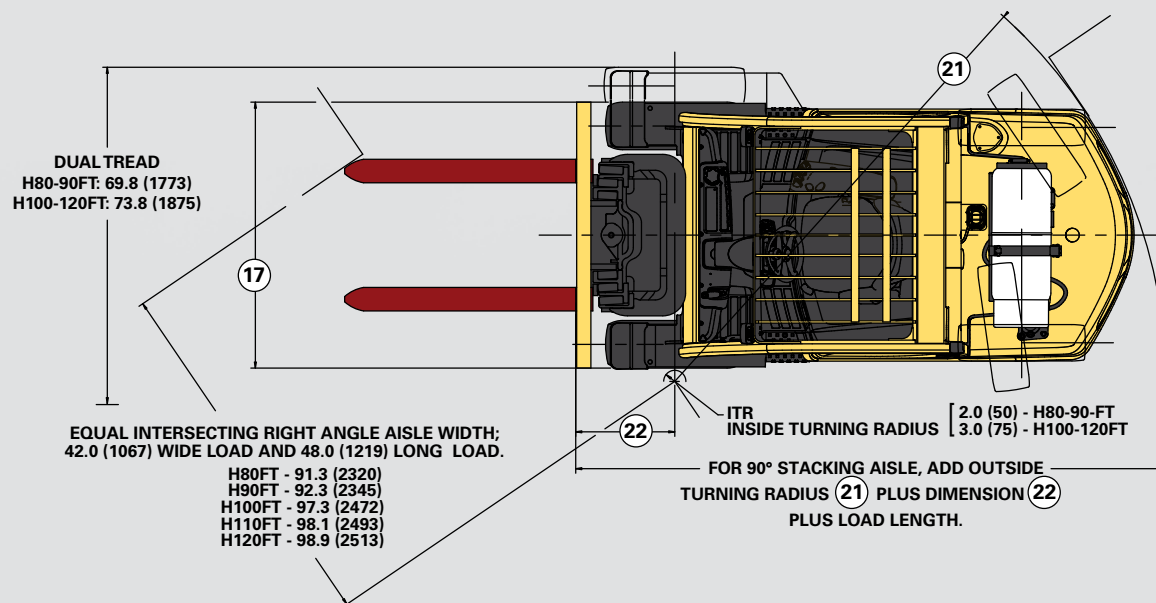


**STRONG PARTNERS.
TOUGH TRUCKS.™**

H80-120FT SERIES TECHNICAL GUIDE

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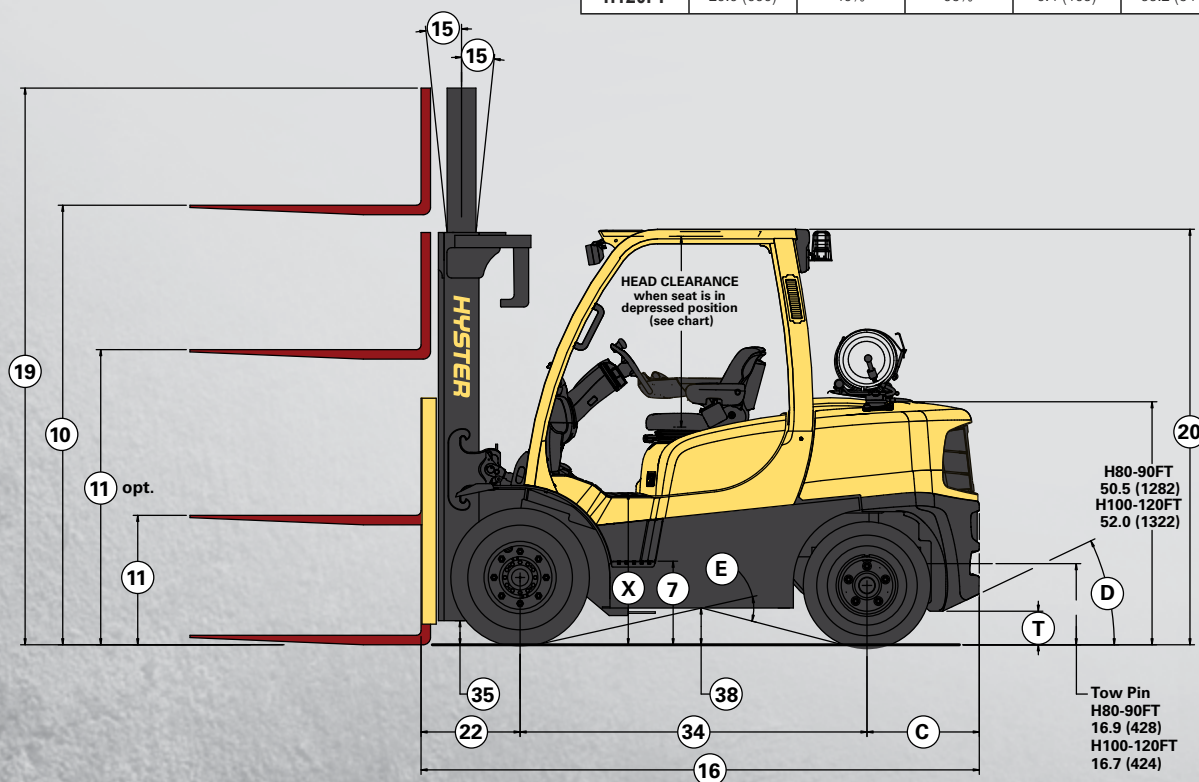
> H80-120FT DIMENSIONS



Seat Type	Standard OHG*	Optional OHG*
Non-Suspension	42.0 (1068)	39.4 (1001)
Semi-Suspension	42.5 (1080)	39.9 (1013)
Full-Suspension	41.8 (1062)	N/A
Swivel Full-Suspension	42.0 (1068)	N/A

* Seat in depressed position

TRUCK MODEL	C	D	E	T	X
	in (mm)	percent	percent	in (mm)	in (mm)
H80FT	23.3 (593)	52%	53%	7.0 (177)	31.5 (801)
H90FT	25.4 (645)	48%	53%	7.0 (177)	31.5 (801)
H100FT	22.3 (566)	46%	58%	6.4 (163)	33.2 (844)
H110FT	24.0 (609)	46%	58%	6.4 (163)	33.2 (844)
H120FT	25.6 (650)	40%	58%	6.4 (163)	33.2 (844)



Circled dimensions correspond to the line numbers on the tabulated chart inside the Technical Guide. Dimensions are in inches (millimeters).

H80-120FT MAST DIMENSIONS <

H80-90FT MAST DIMENSIONS					
Maximum Fork Ht. (TOF) †	Overall Lowered Ht.	Overall Extended Height		Free-Lift (TOF)	
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
2-STAGE LIMITED FREE-LIFT (LFL) VISTA™ MAST					
120 (3050)	86 (2171)	170 (4297)	151 (3815)	5 (150)	5 (150)
143 (3650)	98 (2471)	193 (4897)	174 (4415)	5 (150)	5 (150)
167 (4250)	110 (2771)	217 (5497)	198 (5015)	5 (150)	5 (150)
2-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST					
121 (3075)	86 (2171)	171 (4322)	154 (3887)	36 (924)	53 (1359)
144 (3675)	98 (2471)	194 (4922)	177 (4487)	48 (1224)	65 (1659)
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST					
173 (4415)	86 (2171)	223 (5662)	206 (5227)	36 (924)	53 (1359)
185 (4715)	90 (2271)	235 (5962)	218 (5527)	40 (1024)	57 (1459)
194 (4950)	94 (2371)	244 (6197)	227 (5762)	44 (1124)	61 (1559)
206 (5250)	98 (2471)	256 (6497)	239 (6062)	48 (1224)	65 (1659)
218 (5550)	102 (2571)	268 (6797)	251 (6362)	52 (1324)	69 (1759)
† Lift heights over 171.5" (4356 mm) max. fork height are considered highlifts and require reduced capacity and restricted back tilt. Total approximate weights listed include mast, standard carriage, load backrest and 70 lbs. LP tank and tank bracket. RL = Rated Load NL = No Load					

H100-120FT MAST DIMENSIONS					
Maximum Fork Height (TOF) †	Overall Lowered Ht.	Overall Extended Height		Free-Lift (TOF)	
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
2-STAGE LIMITED FREE-LIFT (LFL) VISTA™ MAST					
110 (2800)	88 (2214)	160 (4064)	147 (3730)	6 (160)	6 (160)
133 (3400)	99 (2514)	184 (4664)	171 (4330)	6 (160)	6 (160)
157 (4000)	111 (2814)	208 (5264)	195 (4930)	6 (160)	6 (160)
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST					
173 (4415)	86 (2171)	214 (5411)	202 (5129)	37 (950)	48 (1232)
175 (4447)	92 (2314)	225 (5711)	214 (5429)	41 (1050)	52 (1332)
185 (4700)	96 (2414)	235 (5964)	224 (5682)	45 (1150)	56 (1432)
196 (5000)	99 (2514)	247 (6264)	236 (5982)	49 (1250)	60 (1532)
208 (5300)	103 (2614)	259 (6564)	248 (6282)	53 (1350)	64 (1632)
† Lift heights over 171.5" (4356 mm) max. fork height are considered highlifts and require reduced capacity and restricted back tilt. Total approximate weights listed include mast, standard carriage, load backrest and 70 lbs. LP tank and tank bracket. RL = Rated Load NL = No Load					

> H80FT SPECIFICATIONS

GENERAL	1	Manufacturer Name		Hyster Company
	2	Model		H80FT
		Engine		Kubota 3.8L LPG
	3	Rated Capacity	lb (kg)	8000 (3629)
	4	Load Center, Distance	in (mm)	24 (610)
	5	Power Type		LPG
	6	Operator Type		Sit-Down Rider
	7	Step Height	in (mm)	17.4 (441)
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2
	10	Lift Height, Top of Fork (TOF)	in (mm)	120 (3050)
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	36 (924)
	12	Standard Carriage Width	in (mm)	48 (1219)
	13	Forks, Thickness x Width x Length	in (mm)	2 X 5 X 48 (50 X 125 X 1219)
	14	Fork Spread, Outside Dimensions	in (mm)	43.5 (1106)
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10
	16	Length To Face of Forks	in (mm)	116 (2946)
	17	Overall Width, Standard Tread	in (mm)	55.2 (1402)
		Overall Width, Wide Tread	in (mm)	58.5 (1485)
	18	Height, Standard Mast - Lowered	in (mm)	86 (2171)
	19	Height, Standard Mast - Extended with LBR	in (mm)	170 (4297)
		Height, Standard Mast - Extended without LBR	in (mm)	151 (3815)
	20	Height, Standard Overhead Guard	in (mm)	89 (2260)
		Height, Optional Overhead Guard	in (mm)	87 (2193)
		Height, Overhead Guard with Operator Cab	in (mm)	90 (2281)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	101.2 (2570)
	22	Length, Center of Wheel to Face of Forks	in (mm)	20.6 (523)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	121.8 (3093)
PERFORMANCE [†]	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	90.6 (2302)
	25	Travel Speed RL/NL	1-Speed	mph (km/h) 12.2/12.8 (19.7/20.6)
			2-Speed	mph (km/h) 15.7/16 (25.2/25.7)
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	121/125 (.61/.63)
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	108/111 (.54/.56)
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	113/117 (.57/.59)
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	108/93 (.55/.47)
		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	98/71 (.50/.36)
		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	104/87 (.53/.44)
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg) 5918/3406 (2685/1545)
			2-Speed	lb (kg) 7126/3406 (3232/1545)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg) 5077/3406 (2303/1545)
			2-Speed	lb (kg) 6002/3406 (2722/1545)
	29	Max Gradeability RL/NL ^{††}	1-Speed	% 29/27
			2-Speed	% 36/27
		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	% 25/27
			2-Speed	% 30/27
WT.	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	13274 (6021)
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	21274 (9650)
	32	Axle Loading, Static Front/Rear NL	lb (kg)	5756/7518 (2611/3410)
		Axle Loading, Static Front/Rear RL	lb (kg)	18707/2567 (8485/1164)
TIRES & WHEELS	33	Tire Size, Front		250 x 15 - 20 Ply
	34	Tire Size, Rear		7.00 x 12 - 14 Ply
	35	Wheelbase	in (mm)	72 (1830)
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	5.9 (151)
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	7.6 (194)
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic
POWERTRAIN	40	Parking Brake - Method of Control/Operation		Hand/Mechanical
	41	Battery Type		Maintenance Free
	42	Volts/Cold Cranking Amps	v/cca	12/475
	43	Engine, Manufacturer/Model		Kubota WG3800 LPG
	44	Permanent Output	hp (kW)	74(55) @ 1800RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	221(300) @1000RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
		Standard Speeds, Forward/Reverse		1/1
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	13.5 (51.0)
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

[†] NOTE: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.

^{††} Limited by traction. For further information on this dimension, please contact your local Hyster dealer.

H80FT SPECIFICATIONS <

GENERAL	1	Manufacturer Name		Hyster Company		
	2	Model		H80FT		
		Engine		Kubota 3.8L Dual Fuel		Kubota 3.8L DSL
	3	Rated Capacity	lb (kg)	8000 (3629)		
	4	Load Center, Distance	in (mm)	24 (610)		
	5	Power Type		LPG	Gasoline	Diesel
	6	Operator Type		Sit-Down Rider		
	7	Step Height	in (mm)	17.4 (441)		
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic		
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2		
	10	Lift Height, Top of Fork (TOF)	in (mm)	120 (3050)		
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)		
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	36 (924)		
	12	Standard Carriage Width	in (mm)	48 (1219)		
	13	Forks, Thickness x Width x Length	in (mm)	2 X 5 X 48 (50 X 125 X 1219)		
	14	Fork Spread, Outside Dimensions	in (mm)	43.5 (1106)		
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10		
	16	Length To Face of Forks	in (mm)	116 (2946)		
	17	Overall Width, Standard Tread	in (mm)	55.2 (1402)		
		Overall Width, Wide Tread	in (mm)	58.5 (1485)		
	18	Height, Standard Mast - Lowered	in (mm)	86 (2171)		
	19	Height, Standard Mast - Extended with LBR	in (mm)	170 (4297)		
		Height, Standard Mast - Extended without LBR	in (mm)	151 (3815)		
	20	Height, Standard Overhead Guard	in (mm)	89 (2260)		
		Height, Optional Overhead Guard	in (mm)	87 (2193)		
		Height, Overhead Guard with Operator Cab	in (mm)	90 (2281)		
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	101.2 (2570)		
	22	Length, Center of Wheel to Face of Forks	in (mm)	20.6 (523)		
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	121.8 (3093)		
PERFORMANCE †	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	90.6 (2302)		
	25	Travel Speed RL/NL	1-Speed	12.2/12.8 (19.7/20.6)		
			2-Speed	15.7/16 (25.2/25.7)		
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	121/125 (.61/.63)		
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	108/111 (.54/.56)		
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	113/117 (.57/.59)		
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	108/93 (.55/.47)		
		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	98/71 (.50/.36)		
		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	104/87 (.53/.44)		
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	5779/3406 (2621/1545)	5683/3406 (2578/1545)
			2-Speed	lb (kg)	6960/3406 (3157/1545)	6845/3406 (3105/1545)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	4963/3406 (2251/1545)	4885/3406 (2216/1545)
			2-Speed	lb (kg)	5871/3406 (2663/1545)	5780/3406 (2622/1545)
	29	Max Gradeability RL/NL ††	1-Speed	%	29/27	28/27
			2-Speed	%	35/27	34/27
		Gradeability @ 1 mph RL/NL ††	1-Speed	%	24/27	24/27
			2-Speed	%	29/27	29/27
WT.	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	13274 (6021)		
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	21274 (9650)		
	32	Axle Loading, Static Front/Rear NL	lb (kg)	5756/7518 (2611/3410)		
		Axle Loading, Static Front/Rear RL	lb (kg)	18707/2567 (8485/1164)		
TIRES & WHEELS	33	Tire Size, Front		250 x 15 - 20 Ply		
	34	Tire Size, Rear		7.00 x 12 - 14 Ply		
	35	Wheelbase	in (mm)	72 (1830)		
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	5.9 (151)		
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	7.6 (194)		
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic		
	40	Parking Brake - Method of Control/Operation		Hand/Mechanical		
POWERTRAIN	41	Battery Type		Maintenance Free		
	42	Volts/Cold Cranking Amps	v/cca	12/475		12/900
	43	Engine, Manufacturer/Model		Kubota 3.8L Dual Fuel		Kubota V3800 T4 Final
	44	Permanent Output	hp (kW)	69(52) @ 1800RPM	65(48) @ 1800RPM	74(55) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)		
		Standard Speeds, Forward/Reverse		1/1		
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	13.5 (51.0)		
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	20.9 (79)		
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)		

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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†† Limited by traction. For further information on this dimension, please contact your local Hyster dealer.



H90FT SPECIFICATIONS

GENERAL	1	Manufacturer Name		Hyster Company
	2	Model		H90FT
		Engine		Kubota 3.8L LPG
	3	Rated Capacity	lb (kg)	9000 (4090)
	4	Load Center, Distance	in (mm)	24 (610)
	5	Power Type		LPG
	6	Operator Type		Sit-Down Rider
	7	Step Height	in (mm)	17.4 (441)
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2
	10	Lift Height, Top of Fork (TOF)	in (mm)	120 (3050)
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	36 (924)
	12	Standard Carriage Width	in (mm)	48 (1219)
	13	Forks, Thickness x Width x Length	in (mm)	2 X 5 X 48 (50 X 125 X 1219)
	14	Fork Spread, Outside Dimensions	in (mm)	43.5 (1106)
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10
	16	Length To Face of Forks	in (mm)	117.2 (2977)
	17	Overall Width, Standard Tread	in (mm)	55.2 (1402)
		Overall Width, Wide Tread	in (mm)	58.5 (1485)
	18	Height, Standard Mast - Lowered	in (mm)	86 (2171)
	19	Height, Standard Mast - Extended with LBR	in (mm)	170 (4297)
		Height, Standard Mast - Extended without LBR	in (mm)	151 (3815)
	20	Height, Standard Overhead Guard	in (mm)	89 (2260)
PERFORMANCE †		Height, Optional Overhead Guard	in (mm)	87 (2193)
		Height, Overhead Guard with Operator Cab	in (mm)	90 (2281)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	103.1 (2619)
	22	Length, Center of Wheel to Face of Forks	in (mm)	20.6 (523)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	124.7 (3168)
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	91.6 (2325)
	25	Travel Speed RL/NL	1-Speed	mph (km/h)
			2-Speed	mph (km/h)
	26	Lift Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)
		Lift Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)
		Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)
	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)
		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)
		Lowering Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)
			2-Speed	lb (kg)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)
			2-Speed	lb (kg)
WT.	29	Max Gradeability RL/NL ††	1-Speed	%
			2-Speed	%
		Gradeability @ 1 mph RL/NL ††	1-Speed	%
			2-Speed	%
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	14118 (6404)
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	23118 (10486)
TIRES & WHEELS	32	Axle Loading, Static Front/Rear NL	lb (kg)	8420/5698 (3819/2585)
		Axle Loading, Static Front/Rear RL	lb (kg)	20229/2889 (9176/1310)
	33	Tire Size, Front		250 x 15 - 20 Ply
	34	Tire Size, Rear		7.00 x 12 - 14 Ply
	35	Wheelbase	in (mm)	72 (1830)
POWERTRAIN	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	5.9 (151)
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	7.6 (194)
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic
	40	Parking Brake - Method of Control/Operation		Hand/Mechanical
	41	Battery Type		Maintenance Free
	42	Volts/Cold Cranking Amps	v/cca	12/475
	43	Engine, Manufacturer/Model		Kubota WG3800 LPG
	44	Permanent Output	hp (kW)	74(55) @ 1800RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	221(300) @1000RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
		Standard Speeds, Forward/Reverse		1/1
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	13.5 (51.0)
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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†† Limited by traction. For further information on this dimension, please contact your local Hyster dealer.

H90FT SPECIFICATIONS <

GENERAL	1	Manufacturer Name		Hyster Company		
	2	Model		H90FT		
		Engine		Kubota 3.8L Dual Fuel		Kubota 3.8L DSL
	3	Rated Capacity	lb (kg)	9000 (4090)		
	4	Load Center, Distance	in (mm)	24 (610)		
	5	Power Type		LPG	Gasoline	Diesel
	6	Operator Type		Sit-Down Rider		
	7	Step Height	in (mm)	17.4 (441)		
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic		
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2		
	10	Lift Height, Top of Fork (TOF)	in (mm)	120 (3050)		
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)		
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	36 (924)		
	12	Standard Carriage Width	in (mm)	48 (1219)		
	13	Forks, Thickness x Width x Length	in (mm)	2 X 5 X 48 (50 X 125 X 1219)		
	14	Fork Spread, Outside Dimensions	in (mm)	43.5 (1106)		
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10		
	16	Length To Face of Forks	in (mm)	117.2 (2977)		
	17	Overall Width, Standard Tread	in (mm)	55.2 (1402)		
		Overall Width, Wide Tread	in (mm)	58.5 (1485)		
	18	Height, Standard Mast - Lowered	in (mm)	86 (2171)		
	19	Height, Standard Mast - Extended with LBR	in (mm)	170 (4297)		
		Height, Standard Mast - Extended without LBR	in (mm)	151 (3815)		
	20	Height, Standard Overhead Guard	in (mm)	89 (2260)		
PERFORMANCE †		Height, Optional Overhead Guard	in (mm)	87 (2193)		
		Height, Overhead Guard with Operator Cab	in (mm)	90 (2281)		
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	103.1 (2619)		
	22	Length, Center of Wheel to Face of Forks	in (mm)	20.6 (523)		
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	124.7 (3168)		
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	91.6 (2325)		
	25	Travel Speed RL/NL	1-Speed	mph (km/h)	12.2/12.8 (19.6/20.6)	
			2-Speed	mph (km/h)	15.6/16 (25.1/25.7)	
	26	Lift Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	121/125 (.61/.63)	
		Lift Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	108/111 (.54/.56)	
		Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	113/117 (.57/.59)	
	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	108/93 (.55/.47)	
		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	98/71 (.50/.36)	
		Lowering Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	104/87 (.53/.44)	
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	5742/3348 (2605/1519)	5646/3348 (2561/1519)
			2-Speed	lb (kg)	6923/3348 (3140/1519)	6808/3348 (3088/1519)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	4926/3348 (2235/1519)	4848/3348 (2199/1519)
			2-Speed	lb (kg)	5834/3348 (2646/1519)	5744/3348 (2605/1519)
WT.	29	Max Gradeability RL/NL ††	1-Speed	%	26/25	25/25
			2-Speed	%	32/25	31/25
		Gradeability @ 1 mph RL/NL ††	1-Speed	%	22/25	22/25
			2-Speed	%	26/25	26/25
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	14118 (6404)		
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	23118 (10486)		
	32	Axle Loading, Static Front/Rear NL	lb (kg)	8420/5698 (3819/2585)		
		Axle Loading, Static Front/Rear RL	lb (kg)	20229/2889 (9176/1310)		
	33	Tire Size, Front		250 x 15 - 20 Ply		
	34	Tire Size, Rear		7.00 x 12 - 14 Ply		
TIRES & WHEELS	35	Wheelbase	in (mm)	72 (1830)		
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	5.9 (151)		
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	7.6 (194)		
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic		
	40	Parking Brake - Method of Control/Operation		Hand/Mechanical		
POWERTRAIN	41	Battery Type		Maintenance Free		
	42	Volts/Cold Cranking Amps	v/ccca	12/475		12/900
	43	Engine, Manufacturer/Model		Kubota 3.8L Dual Fuel		Kubota V3800 T4 Final
	44	Permanent Output	hp (kW)	69(52) @ 1800RPM	65(48) @ 1800RPM	74(55) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)		
		Standard Speeds, Forward/Reverse		1/1		
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	13.5 (51.0)		
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	20.9 (79)		
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)		

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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†† Limited by traction. For further information on this dimension, please contact your local Hyster dealer.



H100FT SPECIFICATIONS

GENERAL	1	Manufacturer Name		Hyster Company
	2	Model		H100FT
		Engine		Kubota 3.8L LPG
	3	Rated Capacity	lb (kg)	10000 (4536)
	4	Load Center, Distance	in (mm)	24 (610)
	5	Power Type		LPG
	6	Operator Type		Sit-Down Rider
	7	Step Height	in (mm)	19.1 (484)
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2
	10	Lift Height, Top of Fork (TOF)	in (mm)	109 (2790)
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	37 (940)
	12	Standard Carriage Width	in (mm)	54 (1372)
	13	Forks, Thickness x Width x Length	in (mm)	2 X 6 X 48 (50 X 150 X 1219)
	14	Fork Spread, Outside Dimensions	in (mm)	49.7 (1262)
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10
	16	Length To Face of Forks	in (mm)	127.8 (3247)
	17	Overall Width, Standard Tread	in (mm)	57.1 (1450)
		Overall Width, Wide Tread	in (mm)	62.0 (1575)
	18	Height, Standard Mast - Lowered	in (mm)	88 (2214)
	19	Height, Standard Mast - Extended with LBR	in (mm)	160 (4064)
		Height, Standard Mast - Extended without LBR	in (mm)	147 (3730)
	20	Height, Standard Overhead Guard	in (mm)	91 (2302)
PERFORMANCE †		Height, Optional Overhead Guard	in (mm)	88 (2235)
		Height, Overhead Guard with Operator Cab	in (mm)	92 (2323)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	111.7 (2837)
	22	Length, Center of Wheel to Face of Forks	in (mm)	22.9 (581)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	134.8 (3425)
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	96.6 (2452)
	25	Travel Speed RL/NL	1-Speed	mph (km/h)
			2-Speed	11.3/11.7 (18.1/18.9)
				14.4/14.8 (23.2/23.7)
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	98/102 (.50/.51)
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	92/95 (.46/.48)
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	95/98 (.48/.49)
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	100/83 (.51/.42)
		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)
		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	97/77 (.47/.39)
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)
			2-Speed	6926/3986 (3142/1808)
				8339/3986 (3782/1808)
WT.		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)
			2-Speed	5834/3986 (2646/1808)
				6862/3986 (3113/1808)
	29	Max Gradeability RL/NL ††	1-Speed	%
TIRES & WHEELS			2-Speed	29/28
				36/28
		Gradeability @ 1 mph RL/NL ††	1-Speed	%
			2-Speed	24/28
POWERTRAIN	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	15108 (6853)
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	25108 (11389)
	32	Axle Loading, Static Front/Rear NL	lb (kg)	6721/8387 (3049/3804)
		Axle Loading, Static Front/Rear RL	lb (kg)	22391/2717 (10156/1232)
	33	Tire Size, Front		300 x 15 - 20 Ply
	34	Tire Size, Rear		7.00 x 12 - 14 Ply
	35	Wheelbase	in (mm)	82.7 (2100)
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	6.4 (163)
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	9.3 (237)
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic
	40	Parking Brake - Method of Control/Operation		Hand/Mechanical
	41	Battery Type		Maintenance Free
	42	Volts/Cold Cranking Amps	v/cca	12/475
	43	Engine, Manufacturer/Model		Kubota WG3800 LPG
	44	Permanent Output	hp (kW)	86(64) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	221(300) @1000RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
		Standard Speeds, Forward/Reverse		1/1
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	17.9 (67.8)
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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H100FT SPECIFICATIONS <

GENERAL	1	Manufacturer Name			Hyster Company		
	2	Model			H100FT		
		Engine			Kubota 3.8L Dual Fuel		Kubota 3.8L DSL
	3	Rated Capacity		lb (kg)	10000 (4536)		
	4	Load Center, Distance		in (mm)	24 (610)		
	5	Power Type			LPG	Gasoline	Diesel
	6	Operator Type			Sit-Down Rider		
	7	Step Height		in (mm)	19.1 (484)		
	8	Tire Type - Cushion, Solid, Pneumatic			Pneumatic		
DIMENSIONS	9	Wheels, Number - Front/ Rear		X driven	2x/2		
	10	Lift Height, Top of Fork (TOF)		in (mm)	109 (2790)		
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)		in (mm)	4 (100)		
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)		in (mm)	37 (940)		
	12	Standard Carriage Width		in (mm)	54 (1372)		
	13	Forks, Thickness x Width x Length		in (mm)	2 X 6 X 48 (50 X 150 X 1219)		
	14	Fork Spread, Outside Dimensions		in (mm)	49.7 (1262)		
	15	Mast Tilt Angles, Forward/Backward		degrees	6/10		
	16	Length To Face of Forks		in (mm)	127.8 (3247)		
	17	Overall Width, Standard Tread		in (mm)	57.1 (1450)		
		Overall Width, Wide Tread		in (mm)	62.0 (1575)		
	18	Height, Standard Mast - Lowered		in (mm)	88 (2214)		
	19	Height, Standard Mast - Extended with LBR		in (mm)	160 (4064)		
		Height, Standard Mast - Extended without LBR		in (mm)	147 (3730)		
	20	Height, Standard Overhead Guard		in (mm)	91 (2302)		
PERFORMANCE †		Height, Optional Overhead Guard		in (mm)	88 (2235)		
		Height, Overhead Guard with Operator Cab		in (mm)	92 (2323)		
	21	Turning Radius, Minimum Outside (OTR)		in (mm)	111.7 (2837)		
	22	Length, Center of Wheel to Face of Forks		in (mm)	22.9 (581)		
	23	Aisle Width, Right Angle Stack (Add Length of Load)		in (mm)	134.8 (3425)		
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)		in (mm)	96.6 (2452)		
	25	Travel Speed RL/NL	1-Speed	mph (km/h)	11.3/11.7 (18.1/18.9)		
	2-Speed		mph (km/h)	14.4/14.8 (23.2/23.7)			
	26	Lift Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	98/102 (.50/.51)		
		Lift Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	92/95 (.46/.48)		
		Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	95/98 (.48/.49)		
	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)		
		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)		
		Lowering Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	97/77 (.47/.39)		
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6546/3986 (2969/1808)	6323/3986 (2868/1808)	6405/3986 (2905/1808)
			2-Speed	lb (kg)	7885/3986 (3577/1808)	7618/3986 (3456/1808)	7716/3986 (3500/1808)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5518/3986 (2503/1808)	5341/3986 (2422/1808)	5405/3986 (2452/1808)
	2-Speed		lb (kg)	6500/3986 (2948/1808)	6297/3986 (2856/1808)	6371/3986 (2890/1808)	
29	Max Gradeability RL/NL ††	1-Speed	%	27/28	26/28	27/28	
		2-Speed	%	33/28	32/28	33/28	
	Gradeability @ 1 mph RL/NL ††	1-Speed	%	23/28	22/28	22/28	
		2-Speed	%	27/28	26/28	26/28	
WT.	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL		lb (kg)	15108 (6853)		
		Weight, Standard Truck (Standard 2-Stg. LFL) RL		lb (kg)	25108 (11389)		
	32	Axle Loading, Static Front/Rear NL		lb (kg)	6721/8387 (3049/3804)		
		Axle Loading, Static Front/Rear RL		lb (kg)	22391/2717 (10156/1232)		
TIRES & WHEELS	33	Tire Size, Front			300 x 15 - 20 Ply		
	34	Tire Size, Rear			7.00 x 12 - 14 Ply		
	35	Wheelbase		in (mm)	82.7 (2100)		
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)		in (mm)	6.4 (163)		
	38	Ground Clearance, Center of Wheelbase NL		in (mm)	9.3 (237)		
POWERTRAIN	39	Service Brake - Method of Control/Operation			Foot/Hydraulic		
	40	Parking Brake - Method of Control/Operation			Hand/Mechanical		
	41	Battery Type			Maintenance Free		
	42	Volts/Cold Cranking Amps		v/ccca	12/475		12/900
	43	Engine, Manufacturer/Model			Kubota 3.8L Dual Fuel		Kubota V3800 T4 Final
	44	Permanent Output		hp (kW)	82(61) @ 2200RPM	78(58) @ 2200RPM	74(55) @ 2200RPM
	45	Torque @ Rated RPM		ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM
	46	Number of Cylinders/Displacement		No/cc (ci)	4/3769 (230)		
		Standard Speeds, Forward/Reverse			1/1		
	49	Hydraulic Tank - capacity (drain & refill)		gal (liter)	17.9 (67.8)		
	50	Fuel Tank Capacity (Gas & Diesel Only)		gal (liter)	26.5 (100.3)		
	51	Auxiliary Hydraulic Pressure Relief for Attachments		PSI (Mpa)	2250 (15.5)		

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> H110FT SPECIFICATIONS

GENERAL	1	Manufacturer Name		Hyster Company
	2	Model		H110FT
		Engine		Kubota 3.8L LPG
	3	Rated Capacity	lb (kg)	11000 (4990)
	4	Load Center, Distance	in (mm)	24 (610)
	5	Power Type		LPG
	6	Operator Type		Sit-Down Rider
	7	Step Height	in (mm)	19.1 (484)
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2
	10	Lift Height, Top of Fork (TOF)	in (mm)	109 (2790)
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	37 (940)
	12	Standard Carriage Width	in (mm)	54 (1372)
	13	Forks, Thickness x Width x Length	in (mm)	2 X 6 X 48 (50 X 150 X 1219)
	14	Fork Spread, Outside Dimensions	in (mm)	49.7 (1262)
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10
	16	Length To Face of Forks	in (mm)	129.5 (3290)
	17	Overall Width, Standard Tread	in (mm)	57.1 (1450)
		Overall Width, Wide Tread	in (mm)	62.0 (1575)
	18	Height, Standard Mast - Lowered	in (mm)	88 (2214)
	19	Height, Standard Mast - Extended with LBR	in (mm)	160 (4064)
		Height, Standard Mast - Extended without LBR	in (mm)	147 (3730)
	20	Height, Standard Overhead Guard	in (mm)	91 (2302)
PERFORMANCE		Height, Optional Overhead Guard	in (mm)	88 (2235)
		Height, Overhead Guard with Operator Cab	in (mm)	92 (2323)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	113.3 (2877)
	22	Length, Center of Wheel to Face of Forks	in (mm)	22.9 (581)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	136.4 (3465)
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	97.3 (2472)
	25	Travel Speed RL/NL	1-Speed	mph (km/h) 11.2/11.7 (18.1/18.9)
			2-Speed	mph (km/h) 14.3/14.7 (23/23.7)
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	98/102 (.50/.51)
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	92/95 (.46/.48)
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	95/98 (.48/.49)
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	100/83 (.51/.42)
		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)
		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	97/77 (.47/.39)
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg) 6893/3900 (3127/1769)
			2-Speed	lb (kg) 8306/3900 (3768/1769)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg) 5801/3900 (2631/1769)
WT.			2-Speed	lb (kg) 6829/3900 (3098/1769)
	29	Max Gradeability RL/NL ††	1-Speed	% 27/26
			2-Speed	% 33/26
		Gradeability @ 1 mph RL/NL ††	1-Speed	% 22/26
			2-Speed	% 27/26
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	15758 (7148)
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	26758 (12137)
	32	Axle Loading, Static Front/Rear NL	lb (kg)	6578/9180 (2984/4164)
		Axle Loading, Static Front/Rear RL	lb (kg)	23814/2944 (10802/1335)
	33	Tire Size, Front		300 x 15 - 20 Ply
TIRES & WHEELS	34	Tire Size, Rear		7.00 x 12 - 14 Ply
	35	Wheelbase	in (mm)	82.7 (2100)
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	6.4 (163)
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	9.3 (237)
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic
POWERTRAIN	40	Parking Brake - Method of Control/Operation		Hand/Mechanical
	41	Battery Type		Maintenance Free
	42	Volts/Cold Cranking Amps	v/cca	12/475
	43	Engine, Manufacturer/Model		Kubota WG3800 LPG
	44	Permanent Output	hp (kW)	86(64) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	221(300) @1000RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
		Standard Speeds, Forward/Reverse		1/1
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	17.9 (67.8)
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)

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H110FT SPECIFICATIONS <

GENERAL	1	Manufacturer Name		Hyster Company		
	2	Model		H110FT		
		Engine		Kubota 3.8L Dual Fuel		Kubota 3.8L DSL
	3	Rated Capacity	lb (kg)	11000 (4990)		
	4	Load Center, Distance	in (mm)	24 (610)		
	5	Power Type		LPG	Gasoline	Diesel
	6	Operator Type		Sit-Down Rider		
	7	Step Height	in (mm)	19.1 (484)		
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic		
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2		
	10	Lift Height, Top of Fork (TOF)	in (mm)	109 (2790)		
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)		
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	37 (940)		
	12	Standard Carriage Width	in (mm)	54 (1372)		
	13	Forks, Thickness x Width x Length	in (mm)	2 X 6 X 48 (50 X 150 X 1219)		
	14	Fork Spread, Outside Dimensions	in (mm)	49.7 (1262)		
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10		
	16	Length To Face of Forks	in (mm)	129.5 (3290)		
	17	Overall Width, Standard Tread	in (mm)	57.1 (1450)		
		Overall Width, Wide Tread	in (mm)	62.0 (1575)		
	18	Height, Standard Mast - Lowered	in (mm)	88 (2214)		
	19	Height, Standard Mast - Extended with LBR	in (mm)	160 (4064)		
		Height, Standard Mast - Extended without LBR	in (mm)	147 (3730)		
	20	Height, Standard Overhead Guard	in (mm)	91 (2302)		
		Height, Optional Overhead Guard	in (mm)	88 (2235)		
		Height, Overhead Guard with Operator Cab	in (mm)	92 (2323)		
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	113.3 (2877)		
	22	Length, Center of Wheel to Face of Forks	in (mm)	22.9 (581)		
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	136.4 (3465)		
PERFORMANCE	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	97.3 (2472)		
	25	Travel Speed RL/NL	1-Speed	mph (km/h)		
			2-Speed	mph (km/h)		
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	98/102 (.50/.51)		
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	92/95 (.46/.48)		
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	95/98 (.48/.49)		
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	100/83 (.51/.42)		
		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)		
		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	97/77 (.47/.39)		
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6513/3900 (2954/1769)	6290/3900 (2853/1769)
			2-Speed	lb (kg)	7852/3900 (3562/1769)	7585/3900 (3441/1769)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5485/3900 (2488/1769)	5308/3900 (2408/1769)
			2-Speed	lb (kg)	6467/3900 (2933/1769)	6264/3900 (2841/1769)
	29	Max Gradeability RL/NL ††	1-Speed	%	25/26	24/26
			2-Speed	%	31/26	30/26
		Gradeability @ 1 mph RL/NL ††	1-Speed	%	21/26	20/26
			2-Speed	%	25/26	24/26
WT.	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	15758 (7148)		
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	26758 (12137)		
	32	Axle Loading, Static Front/Rear NL	lb (kg)	6578/9180 (2984/4164)		
		Axle Loading, Static Front/Rear RL	lb (kg)	23814/2944 (10802/1335)		
TIRES & WHEELS	33	Tire Size, Front		300 x 15 - 20 Ply		
	34	Tire Size, Rear		7.00 x 12 - 14 Ply		
	35	Wheelbase	in (mm)	82.7 (2100)		
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	6.4 (163)		
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	9.3 (237)		
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic		
POWERTRAIN	40	Parking Brake - Method of Control/Operation		Hand/Mechanical		
	41	Battery Type		Maintenance Free		
	42	Volts/Cold Cranking Amps	v/ccca	12/475		12/900
	43	Engine, Manufacturer/Model		Kubota 3.8L Dual Fuel		Kubota V3800 T4 Final
	44	Permanent Output	hp (kW)	82(61) @ 2200RPM	78(58) @ 2200RPM	74(55) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	207(280) @ 1200RPM	189(256) @ 1400RPM	228(309) @ 1400RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)		
		Standard Speeds, Forward/Reverse		1/1		
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	17.9 (67.8)		
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	26.5 (100.3)		
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)		

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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†† Limited by traction. For further information on this dimension, please contact your local Hyster dealer.



H120FT SPECIFICATIONS

GENERAL	1	Manufacturer Name		Hyster Company
	2	Model		H120FT
		Engine		Kubota 3.8L LPG
	3	Rated Capacity	lb (kg)	12000 (5443)
	4	Load Center, Distance	in (mm)	24 (610)
	5	Power Type		LPG
	6	Operator Type		Sit-Down Rider
	7	Step Height	in (mm)	19.1 (484)
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2
	10	Lift Height, Top of Fork (TOF)	in (mm)	110 (2800)
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	37 (940)
	12	Standard Carriage Width	in (mm)	54 (1372)
	13	Forks, Thickness x Width x Length	in (mm)	2 X 6 X 48 (50 X 150 X 1219)
	14	Fork Spread, Outside Dimensions	in (mm)	49.7 (1262)
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10
	16	Length To Face of Forks	in (mm)	131.5 (3341)
	17	Overall Width, Standard Tread	in (mm)	57.1 (1450)
		Overall Width, Wide Tread	in (mm)	62.0 (1575)
	18	Height, Standard Mast - Lowered	in (mm)	88 (2214)
	19	Height, Standard Mast - Extended with LBR	in (mm)	160 (4064)
		Height, Standard Mast - Extended without LBR	in (mm)	147 (3730)
	20	Height, Standard Overhead Guard	in (mm)	91 (2302)
PERFORMANCE †		Height, Optional Overhead Guard	in (mm)	88 (2235)
		Height, Overhead Guard with Operator Cab	in (mm)	92 (2323)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	114.8 (2915)
	22	Length, Center of Wheel to Face of Forks	in (mm)	22.9 (591)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	137.9 (3503)
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	98.1 (2490)
	25	Travel Speed RL/NL	1-Speed	mph (km/h)
			2-Speed	11.2/11.7 (18/18.8)
				14.2/14.7 (22.9/23.7)
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	98/102 (.50/.51)
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	92/95 (.46/.48)
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	95/98 (.48/.49)
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	100/83 (.51/.42)
		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)
		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	97/77 (.47/.39)
WT.	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)
			2-Speed	6858/3904 (3111/1771)
				8271/3904 (3752/1771)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)
			2-Speed	5766/3904 (2615/1771)
				6794/3904 (3082/1771)
	29	Max Gradeability RL/NL ††	1-Speed	%
			2-Speed	25/25
				31/25
		Gradeability @ 1 mph RL/NL ††	1-Speed	%
			2-Speed	21/28
				20/26
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	16519 (7493)
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	28519 (12936)
	32	Axle Loading, Static Front/Rear NL	lb (kg)	6584/9935 (2986/4506)
		Axle Loading, Static Front/Rear RL	lb (kg)	25445/3074 (11542/1394)
TIRES & WHEELS	33	Tire Size, Front		300 x 15 - 20 Ply
	34	Tire Size, Rear		7.00 x 12 - 14 Ply
	35	Wheelbase	in (mm)	82.7 (2100)
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	6.4 (163)
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	9.3 (237)
POWERTRAIN	39	Service Brake - Method of Control/Operation		Foot/Hydraulic
	40	Parking Brake - Method of Control/Operation		Hand/Mechanical
	41	Battery Type		Maintenance Free
	42	Volts/Cold Cranking Amps	v/cca	12/475
	43	Engine, Manufacturer/Model		Kubota WG3800 LPG
	44	Permanent Output	hp (kW)	86(64) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	221(300) @1000RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
		Standard Speeds, Forward/Reverse		1/1
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	17.9 (67.8)
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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†† Limited by traction. For further information on this dimension, please contact your local Hyster dealer.

H120FT SPECIFICATIONS <

GENERAL	1	Manufacturer Name		Hyster Company		
	2	Model		H120FT		
		Engine		Kubota 3.8L Dual Fuel		Kubota 3.8L DSL
	3	Rated Capacity	lb (kg)	12000 (5443)		
	4	Load Center, Distance	in (mm)	24 (610)		
	5	Power Type		LPG	Gasoline	Diesel
	6	Operator Type		Sit-Down Rider		
	7	Step Height	in (mm)	19.1 (484)		
	8	Tire Type - Cushion, Solid, Pneumatic		Pneumatic		
DIMENSIONS	9	Wheels, Number - Front/ Rear	X driven	2x/2		
	10	Lift Height, Top of Fork (TOF)	in (mm)	110 (2800)		
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	4 (100)		
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	37 (940)		
	12	Standard Carriage Width	in (mm)	54 (1372)		
	13	Forks, Thickness x Width x Length	in (mm)	2 X 6 X 48 (50 X 150 X 1219)		
	14	Fork Spread, Outside Dimensions	in (mm)	49.7 (1262)		
	15	Mast Tilt Angles, Forward/Backward	degrees	6/10		
	16	Length To Face of Forks	in (mm)	131.5 (3341)		
	17	Overall Width, Standard Tread	in (mm)	57.1 (1450)		
		Overall Width, Wide Tread	in (mm)	62.0 (1575)		
	18	Height, Standard Mast - Lowered	in (mm)	88 (2214)		
	19	Height, Standard Mast - Extended with LBR	in (mm)	160 (4064)		
		Height, Standard Mast - Extended without LBR	in (mm)	147 (3730)		
	20	Height, Standard Overhead Guard	in (mm)	91 (2302)		
		Height, Optional Overhead Guard	in (mm)	88 (2235)		
		Height, Overhead Guard with Operator Cab	in (mm)	92 (2323)		
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	114.8 (2915)		
	22	Length, Center of Wheel to Face of Forks	in (mm)	22.9 (591)		
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	137.9 (3503)		
PERFORMANCE †	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	98.1 (2490)		
	25	Travel Speed RL/NL	1-Speed	mph (km/h)	11.2/11.7 (18/18.8)	
			2-Speed	mph (km/h)	14.2/14.7 (22.9/23.7)	
	26	Lift Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	98/102 (.50/.51)	
		Lift Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	92/95 (.46/.48)	
		Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	95/98 (.48/.49)	
	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)	
		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)	
		Lowering Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	97/77 (.47/.39)	
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6478/3904 (2938/1771)	6255/3904 (2837/1771)
			2-Speed	lb (kg)	7817/3904 (3546/1771)	7550/3904 (3425/1771)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5449/3904 (2472/1771)	5272/3904 (2392/1771)
			2-Speed	lb (kg)	6432/3904 (2917/1771)	6229/3904 (2825/1771)
	29	Max Gradeability RL/NL ††	1-Speed	%	23/25	23/25
			2-Speed	%	29/25	28/25
		Gradeability @ 1 mph RL/NL ††	1-Speed	%	22/28	24/28
			2-Speed	%	22/26	22/26
						21/26
WT.	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	16519 (7493)		
		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	28519 (12936)		
	32	Axle Loading, Static Front/Rear NL	lb (kg)	6584/9935 (2986/4506)		
		Axle Loading, Static Front/Rear RL	lb (kg)	25445/3074 (11542/1394)		
TIRES & WHEELS	33	Tire Size, Front		300 x 15 - 20 Ply		
	34	Tire Size, Rear		7.00 x 12 - 14 Ply		
	35	Wheelbase	in (mm)	82.7 (2100)		
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	6.4 (163)		
	38	Ground Clearance, Center of Wheelbase NL	in (mm)	9.3 (237)		
	39	Service Brake - Method of Control/Operation		Foot/Hydraulic		
	40	Parking Brake - Method of Control/Operation		Hand/Mechanical		
	41	Battery Type		Maintenance Free		
POWERTRAIN	42	Volts/Cold Cranking Amps	v/cca	12/475	12/475	12/900
	43	Engine, Manufacturer/Model		Kubota 3.8L Dual Fuel		Kubota V3800 T4 Final
	44	Permanent Output	hp (kW)	82(61) @ 2200RPM	78(58) @ 2200RPM	74(55) @ 2200RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM
	46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)		
		Standard Speeds, Forward/Reverse		1/1		
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	17.9 (67.8)		
	50	Fuel Tank Capacity (Gas & Diesel Only)	gal (liter)	26.5 (100.3)		
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)		

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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> AT-A-GLANCE FEATURES

STANDARD EQUIPMENT

- Kubota 3.8L LPG engine
- One-speed powershift transmission (standard with H80-90FT)
 - Electronic inching
 - Electronic shift control
- Premium oil-cooled wet disc brakes
- MONOTROL® pedal
- 2-Stage limited free-lift (LFL) VISTA™ mast with maximum fork height of 120" (3050 mm) (H80-90FT) or 110" (2800 mm) (H100-120FT)
- 48" (1219 mm) (H80-90FT) or 54" (1372 mm) (H100-120FT) wide hook-type carriage with 48.0" (1219) tall load backrest
- 48" (1219 mm) long forks
- 6 degrees forward and 12 degrees backward mast tilt
- 3-function hydraulic control valve
- Integrated dashboard display includes:
 - LCD display
 - Fuel level (gasoline or diesel only)
 - Hour meter
 - Coolant temperature
 - Clock
 - Messages
- Service indicator lights:
 - Alternator
 - Transmission oil temperature
 - Engine oil pressure
 - Brake fluid level
 - Fasten seatbelt
 - Low fuel level
 - Engine malfunction
 - System malfunction
 - Park brake
 - Coolant temp
 - Forward, reverse and neutral direction indicators
- Hydrostatic power steering
- Non-suspension vinyl seat
- Electronic horn
- Adjustable steer column
- Rubber floor mat
- High air intake
- Integral tie downs
- Operator restraint system
- Heavy duty anti-clog radiator
- Single pedal inch-brake
- Hyster Stability System (HSS®)
- Cowl-mounted hydraulic control levers
- Swing out LPG tank bracket
- Pressure sensing low LPG fuel sensor
- 89" (2258 mm) tall overhead guard
- 12 months / 2,000 hours manufacturer's warranty
- 36 months / 6,000 hours manufacturer's powertrain warranty
- Operator's manual
- UL Classification LP


OPTIONAL EQUIPMENT

- Kubota 3.8L LPG/Gas (dual fuel) Engine
- Kubota 3.8L Tier 4 Final DOC Turbo Diesel Engine
- Two-speed electronic powershift transmission (standard with H100-120FT)
- Hyster® Variable Power Technology™ featuring two performance modes
- Duramatch™ transmission
 - Auto deceleration system
 - Controlled power reversal feature
 - Controlled roll back on ramps
- Optional Duramatch™ two-speed transmission
 - Additional forward speed
 - Higher gradeability and drawbar pull performance
 - Increased travel speeds
- TouchPoint mini-lever, electro-hydraulic control with on-demand hydraulic system
- Powertrain protection system
- Premium monitoring
- High air intake with pre-cleaner
- Hydraulic accumulator
- Keyless start (with auxiliary key switch)
- Optional short height overhead guard
- Paper applications kit
- Full venting package
- Heavy duty engine modification
- EZXchange swing-out, drop-down LPG tank bracket
- Return to set tilt
- On-demand cooling system
- Full venting package
- Fully adjustable armrest
- Rear drive handle with horn button
- Semi-suspension seat - vinyl or cloth
- Full-suspension seat - vinyl or cloth
- Swivel full-suspension seat - vinyl or cloth
- High-visibility non-cinch seat belt with or without interlock
- Impact monitor with immediate shutdown or 30-second delayed shutdown
- Load weight display
- Optical sensing low LPG fuel sensor
- Operator pre-shift checklist
- Lever shift directional control
- Seat side directional control mounted on TouchPoint control armrest
- Dual inch-brake pedals
- Password protection
- Audible reverse-activated 82-102 dB(A) self-adjusting alarm
- Visible amber strobe light - continuous-activated, overhead guard mounted
- Parts publications - printed or CD, serial number specific
- UL Classification LPS or DS
- Various light packages with halogen or high intensity LED's
 - Two front and one rear work lights
 - Two front, one rear work lights and two LED brake/tail/back-up lights
- Extended life solid pneumatic tires
- Radial tires
- Dual drive tires
- Side view mirrors
- Cab includes: front and rear wiper, full light package, integral heater, defogger, removable doors, operator dome light, fan, optional air conditioning



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8/2019 Litho in U.S.A.

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