

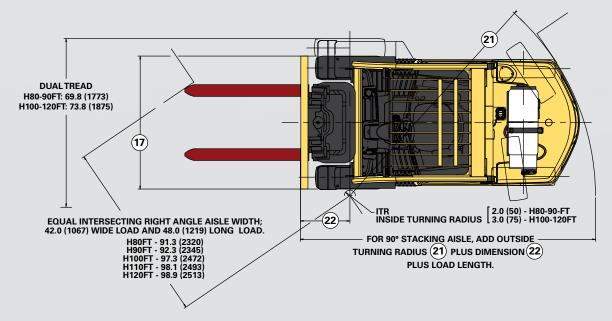


STRONG PARTNERS. TOUGH TRUCKS."

H80-120FT SERIES TECHNICAL GUIDE

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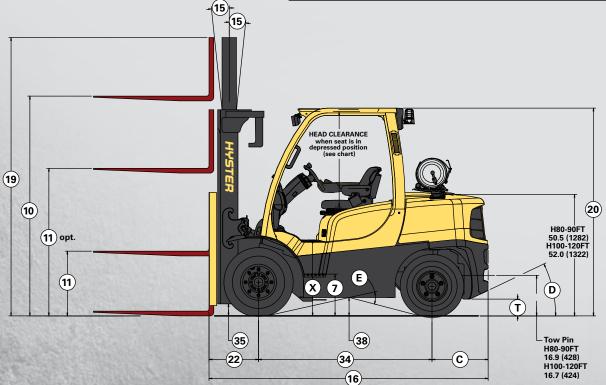
H80-120FT DIMENSIONS



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	С	D	E	Т	Х		
MODEL	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%	48% 53% 7.0 (177)	31.5 (801)			
H100FT	22.3 (566)	46%	58%	6.4 (163)	33.2 (844)		
H110FT	H110FT 24.0 (609)		FT 24.0 (609) 46%	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).

Maximum Fork Ht.		Overall Exte	ended Height	Free-Lift (TOF)							
(TOF) †	Overall Lowered Ht.	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	Overall	Overall Exte	ended Height	Free-Lift (TOF)							
Height (TOF) †	Lowered Ht.	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

1 Manufacturer Name 2 Model	
	Hyster Company
	H80FT
Engine	Kubota 3.8L LPG
3 Rated Canacity Ih /kg)	8000 (3629)
4 Load Center, Distance in (mm)	24 (610)
Load Center, Distance in (mm) Power Type	LPG
6 Operator Type	Sit-Down Rider
7 Step Height in (mm)	17.4 (441)
8 Tire Type - Cushion, Solid, Pneumatic	Pneumatic
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)
	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 Eggs of Early	116 (2946)
17 Overall Width, Standard Tread in (mm)	55.2 (1402)
Overall Width, Wide Tread in (mm)	58.5 (1485)
Overall Width, Standard Tread in (mm) Overall Width, Standard Tread in (mm) Height, Standard Mast - Lowered in (mm)	86 (2171)
19 Height, Standard Mast - Extended with LBR in (mm)	170 (4297)
Height, Standard Mast - Extended with LDR in (mm)	151 (3815)
Pelgit, Standard Mast - Extended Willout LBK III (IIIII) 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)
	101.2 (2570)
	20.6 (523)
	121.8 (3093)
23 Aisle Width, Right Angle Stack (Add Length of Load) in (mm) 24 Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load) in (mm)	90.6 (2302)
	2.2/12.8 (19.7/20.6)
	15.7/16 (25.2/25.7)
	121/125 (.61/.63)
	108/111 (.54/.56)
	113/117 (.57/.59)
	108/93 (.55/.47)
Lowering Speed, Optional 2-Stage FFL RL/NL ft/min (m/s)	98/71 (.50/.36)
27 Lowering Speed, Standard 2-Stage LFL RL/NL ft/min (m/s)	104/87 (.53/.44)
28 Max Drawbar Pull RL/NL 1-Speed lb (kg) 59	18/3406 (2685/1545)
2-Speed lb (kg) 71:	26/3406 (3232/1545)
	77/3406 (2303/1545)
	02/3406 (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
31 Weight, Standard Truck (Standard 2-Stg. LFL) NL Ib (kg)	13274 (6021)
	21274 (9650)
	56/7518 (2611/3410)
	707/2567 (8485/1164)
ر م 33 Tire Size, Front	250 x 15 - 20 Ply
	7.00 x 12 - 14 Ply
35 Wheelbase in (mm)	72 (1830)
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)
Service Brake - Method of Control/Operation	Foot/Hydraulic
40 Parking Parks Mathed of Control (Constitution	Hand/Mechanical
40 Parking Brake - Method of Control/Operation	Maintenance Free
40 Parking Brake - Method of Control/Operation 41 Battery Type	
41 Battery Type 42 Volts/Cold Cranking Amps v/cca	12/475
41 Battery Type 42 Volts/Cold Cranking Amps v/cca	12/4/5 (ubota WG3800 LPG
41 Battery Type 42 Volts/Cold Cranking Amps v/cca	
41 Battery Type 42 Volts/Cold Cranking Amps v/cca	Cubota WG3800 LPG
41 Battery Type 42 Volts/Cold Cranking Amps v/cca	Gubota WG3800 LPG 74(55) @ 1800RPM
41 Battery Type 42 Volts/Cold Cranking Amps V/cca 43 Engine, Manufacturer/Model K 44 Permanent Output hp (kW) 77 45 Torque @ Rated RPM ft/lbs (kg/m) 22 46 Number of Cylinders/Displacement No/cc (ci) 5tandard Speeds, Forward/Reverse	Gubota WG3800 LPG 74(55) @ 1800RPM 21(300) @1000RPM
41 Battery Type 42 Volts/Cold Cranking Amps V/cca 1	Aubota WG3800 LPG 74(55) @ 1800RPM 21(300) @1000RPM 4/3769 (230) 1/1 13.5 (51.0)
41 Battery Type 42 Volts/Cold Cranking Amps V/cca 43 Engine, Manufacturer/Model K 44 Permanent Output hp (kW) 77 45 Torque @ Rated RPM ft/lbs (kg/m) 22 46 Number of Cylinders/Displacement No/cc (ci) 5tandard Speeds, Forward/Reverse	Kubota WG3800 LPG 74(55) @ 1800RPM 21(300) @1000RPM 4/3769 (230) 1/1

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 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



	1	Manufacturer Name				Hyster Company		
	2	Model				H80FT		
		Engine			Kubota 3.8	L Dual Fuel	Kubota 3.8L DSL	
	3	Rated Capacity		lb (kg)		8000 (3629)		
GENERAL	4	Load Center, Distance		in (mm)		24 (610)		
	5	Power Type	, ,	LPG	Gasoline	Diesel		
2	6	Operator Type			Sit-Down Rider			
	7	Step Height	in (mm)	17.4 (441)				
	8	Tire Type - Cushion, Solid, Pneumat	()	Pneumatic				
	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 L	ift (LEL) with LBR (TOF)	in (mm)	4 (100)			
		Lift Heights, Optional Full Free Lift (F		in (mm)		36 (924)		
	12	Standard Carriage Width	. 2, 25 (10.)	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)		
SS	17	Overall Width, Standard Tread		in (mm)		55.2 (1402)		
Sign	.,	Overall Width, Wide Tread		in (mm)		58.5 (1485)		
DIMENSIONS	18	Height, Standard Mast - Lowered		in (mm)		86 (2171)		
	19	Height, Standard Mast - Extended wi	th I BR	in (mm)		170 (4297)		
	-13	Height, Standard Mast - Extended wi		in (mm)		151 (3815)		
	20	Height, Standard Overhead Guard	anout EDIT	in (mm)		89 (2260)		
	-20	Height, Optional Overhead Guard		in (mm)		87 (2193)		
		Height, Overhead Guard with Operator	or Cab	in (mm)		90 (2281)		
	21	Turning Radius, Minimum Outside (in (mm)		101.2 (2570)		
	22	Length, Center of Wheel to Face of F		in (mm)		20.6 (523)		
	23	Aisle Width, Right Angle Stack (Add		in (mm)		121.8 (3093)		
	24	Equal Aisle, 90-Degree Intersecting A		in (mm)	90.6 (2302)			
	25	Travel Speed RL/NL	1-Speed	mph (km/h)		12.2/12.8 (19.7/20.6)		
	20	Haver opeed INE/INE	2-Speed	mph (km/h)	15.7/16 (25.2/25.7)			
	26	Lift Speed, Standard 2-Stage LFL RI		ft/min (m/s)		121/125 (.61/.63)		
	20	Lift Speed, Optional 2-Stage FFL RL		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 L		ft/min (m/s)	108/93 (.55/.47)			
2		Lowering Speed, Optional 2-Stage F		ft/min (m/s)		98/71 (.50/.36)		
PERFORMANCE		Lowering Speed, Optional 3-Stage F		ft/min (m/s)		104/87 (.53/.44)		
, P	28	Max Drawbar Pull RL/NL	1-Speed	Ib (kg)	5779/3406 (2621/1545)	5683/3406 (2578/1545)	5974/3406 (2710/1545)	
폷		Wax Bravibar Fair Ne/Ne	2-Speed	Ib (kg)	6960/3406 (3157/1545)	6845/3406 (3105/1545)	7193/3406 (3263/1545)	
^-		Drawbar Pull @ 1 mph RL/NL	1-Speed	Ib (kg)	4963/3406 (2251/1545)	4885/3406 (2216/1545)	5122/3406 (2323/1545)	
		Brawbar Fair @ Finipir NE/NE	2-Speed	Ib (kg)	5871/3406 (2663/1545)	5780/3406 (2622/1545)	6054/3406 (2746/1545)	
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	29/27	28/27	30/27	
	20	Wax Gradeability NE/NE	2-Speed	%	35/27	34/27	36/27	
		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	%	24/27	24/27	25/27	
		1.130ability @ . Ilipii Ne/Ne	2-Speed	%	29/27	29/27	30/27	
	31	Weight, Standard Truck (Standard 2-		Ib (kg)	25/21	13274 (6021)	33721	
		Weight, Standard Truck (Standard 2-		Ib (kg)		21274 (9650)		
ķ	32	Axle Loading, Static Front/Rear NL	- · · · · · · · · · · · · · · · · · · ·	Ib (kg)		5756/7518 (2611/3410)		
		Axle Loading, Static Front/Rear RL		Ib (kg)		18707/2567 (8485/1164)		
10	33	Tire Size, Front		is (iig)		250 x 15 - 20 Ply		
TIRES & WHEELS	34	Tire Size, Rear				7.00 x 12 - 14 Ply		
Ĭ	35	Wheelbase		in (mm)		72 (1830)		
~ŏ	37	Ground Clearance, Lowest Point NL	(with RL subtract -6mm)	in (mm)		5.9 (151)		
ES	38	Ground Clearance, Center of Wheelb	,	in (mm)		7.6 (194)		
▋▐	39	Service Brake - Method of Control/C		()		Foot/Hydraulic		
	40	·				Hand/Mechanical		
	41	Battery Type				Maintenance Free		
	42	Volts/Cold Cranking Amps		v/cca	12/-	475	12/900	
2	43	Engine, Manufacturer/Model			Kubota 3.8l		Kubota V3800 T4 Final	
A S	44	Permanent Output		hp (kW)	69(52) @ 1800RPM	65(48) @ 1800RPM	74(55) @ 2200RPM	
Z.	45	Torque @ Rated RPM		ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM	
POWERTRAIN	46	Number of Cylinders/Displacement		No/cc (ci)	. (35) 0.230	4/3769 (230)	.,	
8		Standard Speeds, Forward/Reverse				1/1		
	49	Hydraulic Tank - capacity (drain & re	fill)	gal (liter)		13.5 (51.0)		
	50	Fuel Tank Capacity (Gas & Diesel O		gal (liter)		20.9 (79)		
	51	Auxiliary Hydraulic Pressure Relief for		PSI (Mpa)		2250 (15.5)		
			(1-7	STREET, STREET	Name of the last o	DATE OF THE PARTY OF THE PARTY.		

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 I 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.



> H90FT SPECIFICATIONS

	1	Manufacturer Name			Hyster Company
	2	Model			H90FT
		Engine			Kubota 3.8L LPG
	3	Rated Capacity		lb (kg)	9000 (4090)
\ \ <u>X</u> [4	Load Center, Distance		in (mm)	24 (610)
GENERAL	5	Power Type			LPG
9	6	Operator Type			Sit-Down Rider
	7	Step Height		in (mm)	17.4 (441)
	8	Tire Type - Cushion, Solid, Pneumation			Pneumatic
	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 Li	ft (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (Fl	FL) with LBR (TOF)	in (mm)	36 (924)
	12	Standard Carriage Width		in (mm)	48 (1219)
	13	Forks, Thickness x Width x Length Fork Spread, Outside Dimensions		in (mm)	2 X 5 X 48 (50 X 125 X 1219)
	14			in (mm)	43.5 (1106)
	15	Mast Tilt Angles, Forward/Backward		degrees	6/10
S	16	Length To Face of Forks		in (mm)	117.2 (2977)
N S	17	Overall Width, Standard Tread		in (mm)	55.2 (1402)
NS		Overall Width, Wide Tread		in (mm)	58.5 (1485)
DIMENSIONS	18	Height, Standard Mast - Lowered		in (mm)	86 (2171)
	19	Height, Standard Mast - Extended with	h LBR	in (mm)	170 (4297)
		Height, Standard Mast - Extended with	hout 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	r Cab	in (mm)	90 (2281)
	21	Turning Radius, Minimum Outside (O	TR)	in (mm)	103.1 (2619)
	22	Length, Center of Wheel to Face of Fo	rks	in (mm)	20.6 (523)
	23	Aisle Width, Right Angle Stack (Add L	ength of Load)	in (mm)	124.7 (3168)
	24	Equal Aisle, 90-Degree Intersecting A	isle (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		ft/min (m/s)	121/125 (.61/.63)
		Lift Speed, Optional 2-Stage FFL RL/		ft/min (m/s)	108/111 (.54/.56)
		Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	113/117 (.57/.59)
빙	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	108/93 (.55/.47)
I §		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	98/71 (.50/.36)
PERFORMANCE		Lowering Speed, Optional 3-Stage FF		ft/min (m/s)	104/87 (.53/.44)
Ę.	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	5882/3348 (2668/1519)
▋▝▋		Danishan Dull @ 1 mak DI (NII	2-Speed	lb (kg)	7089/3348 (3216/1519)
-		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5040/3348 (2286/1519)
1	20	May Cradophility DL/NL #	2-Speed	lb (kg)	5965/3348 (2706/1519)
.	29	Max Gradeability RL/NL ^{††}	1-Speed	%	27/25 33/25
1 ·		Gradeability @ 1 mph RL/NL ^{††}	2-Speed 1-Speed	%	23/25
1		Gradeability @ Filiph Re/NE	2-Speed	%	27/25
	31	Weight, Standard Truck (Standard 2-S		lb (kg)	14118 (6404)
	-01	Weight, Standard Truck (Standard 2-S	9 ,	lb (kg)	23118 (10486)
Ř	32	Axle Loading, Static Front/Rear NL	··g·/ · ·-	lb (kg)	8420/5698 (3819/2585)
	-0L	Axle Loading, Static Front/Rear RL		lb (kg)	20229/2889 (9176/1310)
6	33	Tire Size, Front		:= (va)	250 x 15 - 20 Ply
	34	Tire Size, Rear			·
Ĭ		THE SIZE, NEAL		1	7.00 x 12 - 14 Plv
	35	Wheelbase		in (mm)	7.00 x 12 - 14 Ply 72 (1830)
-త	35 37	Wheelbase	with RL subtract -6mm)	in (mm) in (mm)	72 (1830)
RES &	35 37 38			in (mm)	·
RES	37	Wheelbase Ground Clearance, Lowest Point NL (1	se NL	` '	72 (1830) 5.9 (151)
	37 38	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba	se NL peration	in (mm)	72 (1830) 5.9 (151) 7.6 (194)
	37 38 39	Wheelbase Ground Clearance, Lowest Point NL (in Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op	se NL peration	in (mm)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic
	37 38 39 40	Wheelbase Ground Clearance, Lowest Point NL (in Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op	se NL peration	in (mm)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical
	37 38 39 40 41	Wheelbase Ground Clearance, Lowest Point NL (the Ground Clearance, Center of Wheelbaservice Brake - Method of Control/Opparking Brake - Method of Control/Oppattery Type	se NL peration	in (mm) in (mm)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free
	37 38 39 40 41 42 43 44	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op Battery Type Volts/Cold Cranking Amps	se NL peration	in (mm) in (mm)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free 12/475
	37 38 39 40 41 42 43 44 45	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op Battery Type Volts/Cold Cranking Amps Engine, Manufacturer/Model	se NL peration	in (mm) in (mm) v/cca	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free 12/475 Kubota WG3800 LPG
	37 38 39 40 41 42 43 44	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op Battery Type Volts/Cold Cranking Amps Engine, Manufacturer/Model Permanent Output	se NL peration	in (mm) in (mm) v/cca hp (kW)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free 12/475 Kubota WG3800 LPG 74(55) @ 1800RPM
ERTRAIN	37 38 39 40 41 42 43 44 45	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op Battery Type Volts/Cold Cranking Amps Engine, Manufacturer/Model Permanent Output Torque @ Rated RPM Number of Cylinders/Displacement Standard Speeds, Forward/Reverse	se NL peration peration	in (mm) in (mm) v/cca hp (kW) ft/lbs (kg/m)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free 12/475 Kubota WG3800 LPG 74(55) @ 1800RPM 221(300) @1000RPM
POWERTRAIN	37 38 39 40 41 42 43 44 45 46	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op Battery Type Volts/Cold Cranking Amps Engine, Manufacturer/Model Permanent Output Torque @ Rated RPM Number of Cylinders/Displacement Standard Speeds, Forward/Reverse Hydraulic Tank - capacity (drain & ref	se NL peration peration	in (mm) in (mm) v/cca hp (kW) ft/lbs (kg/m) No/cc (ci) gal (liter)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free 12/475 Kubota WG3800 LPG 74(55) @ 1800RPM 221(300) @1000RPM 4/3769 (230) 1/1 13.5 (51.0)
POWERTRAIN	37 38 39 40 41 42 43 44 45 46	Wheelbase Ground Clearance, Lowest Point NL (Ground Clearance, Center of Wheelba Service Brake - Method of Control/Op Parking Brake - Method of Control/Op Battery Type Volts/Cold Cranking Amps Engine, Manufacturer/Model Permanent Output Torque @ Rated RPM Number of Cylinders/Displacement Standard Speeds, Forward/Reverse	se NL peration peration	in (mm) in (mm) v/cca hp (kW) ft/lbs (kg/m) No/cc (ci)	72 (1830) 5.9 (151) 7.6 (194) Foot/Hydraulic Hand/Mechanical Maintenance Free 12/475 Kubota WG3800 LPG 74(55) @ 1800RPM 221(300) @1000RPM 4/3769 (230) 1/1

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 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.

H90FT SPECIFICATIONS



	1	Manufacturer Name				Hyster Company		
	2	Model			1/ 1 / 0 0	H90FT	Kubata 0.01 DOI	
	2	Engine		Ib (los)	Kubota 3.8		Kubota 3.8L DSL	
Æ	3	Rated Capacity Load Center, Distance		Ib (kg)		9000 (4090)		
GENERAL	5	Power Type		in (mm)	LPG	24 (610) Gasoline	Diesel	
병	6	Operator Type		Lro	Sit-Down Rider	Diesei		
	7	Step Height		in (mm)		17.4 (441)		
	8	Tire Type - Cushion, Solid, Pneumatic		()		17.4 (441) Pneumatic		
	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 L	ift (LFL) with LBR (TOF)	in (mm)		4 (100)		
		Lift Heights, Optional Full Free Lift (F	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		
φ	16	Length To Face of Forks		in (mm)		117.2 (2977)		
<u> </u>	17	Overall Width, Standard Tread		in (mm)		55.2 (1402)		
DIMENSIONS	10	Overall Width, Wide Tread		in (mm)		58.5 (1485)		
Δ	18	Height, Standard Mast - Lowered	th I DD	in (mm)		86 (2171)		
	19	Height, Standard Mast - Extended wi Height, Standard Mast - Extended wi		in (mm) in (mm)		170 (4297) 151 (3815)		
	20	Height, Standard Overhead Guard	mout LDN	in (mm)		89 (2260)		
	20	Height, Optional Overhead Guard		in (mm)		87 (2193)		
		Height, Overhead Guard with Operator	or Cab	in (mm)		90 (2281)		
	21	Turning Radius, Minimum Outside (in (mm)		103.1 (2619)		
	22	Length, Center of Wheel to Face of F	orks	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		ft/min (m/s)	108/111 (.54/.56)			
±.	27	Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s) ft/min (m/s)	113/117 (.57/.59) 108/93 (.55/.47)			
岁	21	0 , .	Lowering Speed, Standard 2-Stage LFL RL/NL Lowering Speed, Optional 2-Stage FFL RL/NL					
MA		Lowering Speed, Optional 3-Stage F		ft/min (m/s) ft/min (m/s)	98/71 (.50/.36) 104/87 (.53/.44)			
PERFORMANCE †	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	5742/3348 (2605/1519)	5646/3348 (2561/1519)	5937/3348 (2693/1519)	
띪		max brandari an right	2-Speed	lb (kg)	6923/3348 (3140/1519)	6808/3348 (3088/1519)	7156/3348 (3246/1519)	
l "		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	4926/3348 (2235/1519)	4848/3348 (2199/1519)	5085/3348 (2307/1519)	
			2-Speed	lb (kg)	5834/3348 (2646/1519)	5744/3348 (2605/1519)	6017/3348 (2729/1519)	
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	26/25	25/25	27/25	
			2-Speed	%	32/25	31/25	33/25	
		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	%	22/25	22/25	23/25	
			2-Speed	%	26/25	26/25	27/25	
	31	Weight, Standard Truck (Standard 2-	9 ,	lb (kg)		14118 (6404)		
Ř	22	Weight, Standard Truck (Standard 2-	org. LFL) KL	lb (kg)		23118 (10486)		
	32	Axle Loading, Static Front/Rear NL		Ib (kg)		8420/5698 (3819/2585)		
	33	Axle Loading, Static Front/Rear RL Tire Size, Front		lb (kg)		20229/2889 (9176/1310) 250 x 15 - 20 Ply		
ELS	34	Tire Size, Rear				7.00 x 12 - 14 Ply		
TIRES & WHEELS	35	Wheelbase		in (mm)		72 (1830)		
<u>«</u>	37	Ground Clearance, Lowest Point NL	(with RL subtract -6mm)	in (mm)		5.9 (151)		
RES	38	Ground Clearance, Center of Wheelb		in (mm)		7.6 (194)		
Ē	39	Service Brake - Method of Control/C		. ,		Foot/Hydraulic		
	40	Parking Brake - Method of Control/C	•			Hand/Mechanical		
	41	Battery Type				Maintenance Free		
	42	Volts/Cold Cranking Amps		v/cca		475	12/900	
Z	43	Engine, Manufacturer/Model			Kubota 3.8		Kubota V3800 T4 Final	
TR.	44	Permanent Output		hp (kW)	69(52) @ 1800RPM	65(48) @ 1800RPM	74(55) @ 2200RPM	
POWERTRAIN	45	Torque @ Rated RPM		ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM	
Po	46	Number of Cylinders/Displacement		No/cc (ci)		4/3769 (230) 1/1		
	49	Standard Speeds, Forward/Reverse Hydraulic Tank - capacity (drain & re	fill\	gal (liter)		13.5 (51.0)		
	50	Fuel Tank Capacity (Gas & Diesel O		gal (liter)		20.9 (79)		
	51	Auxiliary Hydraulic Pressure Relief for		PSI (Mpa)		2250 (15.5)		
			· · · (····þa)	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 1	(.0.0)	AND DESCRIPTION OF THE PERSON		

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

	1	Manufacturer Name			Hyster Company
	2	Model			H100FT
		Engine			Kubota 3.8L LPG
ابا	3	Rated Capacity		lb (kg)	10000 (4536)
絽	4	Load Center, Distance		in (mm)	24 (610)
GENERAL	5	Power Type			LPG
ا ق	6	Operator Type			Sit-Down Rider
	7	Step Height		in (mm)	19.1 (484)
	8	Tire Type - Cushion, Solid, Pneumation			Pneumatic
	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 Li	t (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (Fl	FL) 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
S	16	Length To Face of Forks		in (mm)	127.8 (3247)
N O	17	Overall Width, Standard Tread		in (mm)	57.1 (1450)
NSI		Overall Width, Wide Tread		in (mm)	62.0 (1575
DIMENSIONS	18	Height, Standard Mast - Lowered		in (mm)	88 (2214)
	19	Height, Standard Mast - Extended with	ı LBR	in (mm)	160 (4064)
		Height, Standard Mast - Extended with	nout 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 (O	TR)	in (mm)	111.7 (2837)
	22	Length, Center of Wheel to Face of Fo	rks	in (mm)	22.9 (581)
	23	Aisle Width, Right Angle Stack (Add L		in (mm)	134.8 (3425)
	24	Equal Aisle, 90-Degree Intersecting A	sle (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)
L .		Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	95/98 (.48/.49)
병	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)
I A		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)
PERFORMANCE		Lowering Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	97/77 (.47/.39)
품	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6926/3986 (3142/1808)
		D D @ 4 D A	2-Speed	lb (kg)	8339/3986 (3782/1808)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5834/3986 (2646/1808)
	20	Mary Condendation DL/NII #	2-Speed	lb (kg)	6862/3986 (3113/1808)
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	29/28
		Gradoshility @ 1 mph PI /NI tt	2-Speed	%	36/28 24/28
		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	%	29/28
	31	Weight, Standard Truck (Standard 2-S	2-Speed	lb (kg)	15108 (6853)
	-01	Weight, Standard Truck (Standard 2-S	• ,	lb (kg)	25108 (11389)
ķ	32	Axle Loading, Static Front/Rear NL		lb (kg)	6721/8387 (3049/3804)
	-02	Axle Loading, Static Front/Rear RL		lb (kg)	22391/2717 (10156/1232)
10	33	Tire Size, Front		(ng)	300 x 15 - 20 Ply
H H	34	Tire Size, Rear			7.00 x 12 - 14 Ply
	35	Wheelbase		in (mm)	82.7 (2100)
~	37		with RL subtract -6mm)	in (mm)	6.4 (163)
RES	38	Ground Clearance, Lowest Point NL (with RL subtract -6mm) Ground Clearance, Center of Wheelbase NL		in (mm)	9.3 (237)
	39	Service Brake - Method of Control/Op		,	Foot/Hydraulic
	40	Parking Brake - Method of Control/Op			Hand/Mechanical
8	41	Battery Type			Maintenance Free
	42	Volts/Cold Cranking Amps		v/cca	12/475
z	43	Engine, Manufacturer/Model			Kubota WG3800 LPG
RA	44	Permanent Output		hp (kW)	86(64) @ 2200RPM
RT	45	Torque @ Rated RPM		ft/lbs (kg/m)	221(300) @1000RPM
POWERTRAIN	46	Number of Cylinders/Displacement		No/cc (ci)	4/3769 (230)
<u> </u>		Standard Speeds, Forward/Reverse			1/1
8	49	Hydraulic Tank - capacity (drain & ref	ill)	gal (liter)	17.9 (67.8)
a de	50	Fuel Tank Capacity (Gas & Diesel On		gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief fo	r 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 <



	1	Manufacturer Name		1		Huotor Company		
	2	Model				Hyster Company H100FT		
		Engine			Kubota 3.8		Kubota 3.8L DSL	
	3	Rated Capacity		lb (kg)	Nubula 3.0	10000 (4536)	NUDUIA S.OL DSL	
₹	4	Load Center, Distance		in (mm)		24 (610)		
GENERAL	5	Power Type		111 (111111)	LPG	Gasoline	Diesel	
뜅	6	Operator Type		110	Sit-Down Rider	D10301		
	7	Step Height		in (mm)		19.1 (484)		
	8	, ,	Tire Type - Cushion, Solid, Pneumatic			19.1 (484) Pneumatic		
	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 Li	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		
S	16	Length To Face of Forks		in (mm)		127.8 (3247)		
<u>S</u>	17	Overall Width, Standard Tread		in (mm)		57.1 (1450)		
SNS		Overall Width, Wide Tread		in (mm)		62.0 (1575		
DIMENSIONS	18	Height, Standard Mast - Lowered		in (mm)		88 (2214)		
	19	Height, Standard Mast - Extended wit		in (mm)		160 (4064)		
		Height, Standard Mast - Extended wit	hout LBR	in (mm)		147 (3730)		
	20	Height, Standard Overhead Guard		in (mm)		91 (2302)		
		Height, Optional Overhead Guard	0.1	in (mm)		88 (2235)		
	0.1	Height, Overhead Guard with Operato		in (mm)		92 (2323)		
	21	Turning Radius, Minimum Outside (C		in (mm)		111.7 (2837)		
	22	Length, Center of Wheel to Face of Fo		in (mm)		22.9 (581)		
	23	Aisle Width, Right Angle Stack (Add L	9 ,	in (mm)	134.8 (3425)			
	24 25	Equal Aisle, 90-Degree Intersecting A		in (mm)	96.6 (2452)			
	25	Travel Speed RL/NL	1-Speed 2-Speed	mph (km/h) mph (km/h)	11.3/11.7 (18.1/18.9) 14.4/14.8 (23.2/23.7)			
	26	Lift Speed, Standard 2-Stage LFL RL		ft/min (m/s)		98/102 (.50/.51)		
	20	Lift Speed, Optional 2-Stage FFL RL		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)			
S		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)			
N N		Lowering Speed, Optional 3-Stage FF		ft/min (m/s)				
PERFORMANCE †	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6546/3986 (2969/1808)	6323/3986 (2868/1808)	6405/3986 (2905/1808)	
l H			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	
	24	Minimum Otamahand T. J. (Ot. J. 100)	2-Speed	%	27/28	26/28	26/28	
	31	Weight, Standard Truck (Standard 2-3	• ,	lb (kg)		15108 (6853)		
Ř	32	Weight, Standard Truck (Standard 2-S	oly. LFL) KL	lb (kg)		25108 (11389)		
	SΖ	Axle Loading, Static Front/Rear NL Axle Loading, Static Front/Rear RL		lb (kg)		6721/8387 (3049/3804)		
40	33	Tire Size, Front		lb (kg)		22391/2717 (10156/1232) 300 x 15 - 20 Ply		
EIS	34	Tire Size, Rear				7.00 x 12 - 14 Ply		
TIRES & WHEELS	35	Wheelbase		in (mm)		82.7 (2100)		
~ ∞	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm\	in (mm)		6.4 (163)		
SES	38	Ground Clearance, Center of Wheelba	· · · · · · · · · · · · · · · · · · ·	in (mm)		9.3 (237)		
Ě	39	Service Brake - Method of Control/O	. ()		Foot/Hydraulic			
	40	Parking Brake - Method of Control/O			Hand/Mechanical			
	41	Battery Type Volts/Cold Cranking Amps				Maintenance Free		
	42			v/cca	12/-	475	12/900	
z	43	Engine, Manufacturer/Model		Kubota 3.8	L Dual Fuel	Kubota V3800 T4 Final		
RA	44	Permanent Output		hp (kW)	82(61) @ 2200RPM	78(58) @ 2200RPM	74(55) @ 2200RPM	
ER	45	Torque @ Rated RPM		ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM	
POWERTRAIN	46	Number of Cylinders/Displacement		No/cc (ci)		4/3769 (230)		
4		Standard Speeds, Forward/Reverse				1/1		
	49	Hydraulic Tank - capacity (drain & ref	,	gal (liter)		17.9 (67.8)		
	50	Fuel Tank Capacity (Gas & Diesel Or		gal (liter)		26.5 (100.3)		
	51	Auxiliary Hydraulic Pressure Relief fo	r 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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> H110FT SPECIFICATIONS

	1	Manufacturer Name			Hyster Company
	2	Model			H110FT
		Engine			Kubota 3.8L LPG
4	3	Rated Capacity		lb (kg)	11000 (4990)
E	4	Load Center, Distance		in (mm)	24 (610)
GENERAL	5	Power Type			LPG
	6	Operator Type			Sit-Down Rider
	7	Step Height		in (mm)	19.1 (484)
	8	Tire Type - Cushion, Solid, Pneumation			Pneumatic
	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 Li	ft (LFL) with LBR (TOF)	in (mm)	4 (100)
		Lift Heights, Optional Full Free Lift (FI	FL) 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
S	16	Length To Face of Forks		in (mm)	129.5 (3290)
	17	Overall Width, Standard Tread		in (mm)	57.1 (1450)
NS		Overall Width, Wide Tread		in (mm)	62.0 (1575
DIMENSIONS	18	Height, Standard Mast - Lowered		in (mm)	88 (2214)
	19	Height, Standard Mast - Extended with	h LBR	in (mm)	160 (4064)
		Height, Standard Mast - Extended with	hout 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	r Cab	in (mm)	92 (2323)
	21	Turning Radius, Minimum Outside (O	TR)	in (mm)	113.3 (2877)
	22	Length, Center of Wheel to Face of Fo	rks	in (mm)	22.9 (581)
	23	Aisle Width, Right Angle Stack (Add L	ength of Load)	in (mm)	136.4 (3465)
	24	Equal Aisle, 90-Degree Intersecting A	isle (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)
뭥.	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)
PERFORMANCE		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)
쭕		Lowering Speed, Optional 3-Stage FF		ft/min (m/s)	97/77 (.47/.39)
1 K	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6893/3900 (3127/1769)
		S 1 S 11 O 1 1 S 1 A 11	2-Speed	lb (kg)	8306/3900 (3768/1769)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5801/3900 (2631/1769)
	20	Mary Condendation DI /NII #	2-Speed	lb (kg)	6829/3900 (3098/1769)
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	27/26
		Gradeability @ 1 mph RL/NL ^{††}	2-Speed	%	33/26 22/26
		Gradeability @ Filiph RE/NE !!	1-Speed		
	21	Weight, Standard Truck (Standard 2-S	2-Speed	%	27/26
	31	Weight, Standard Truck (Standard 2-S		lb (kg) lb (kg)	15758 (7148) 26758 (12137)
M.	32	Axle Loading, Static Front/Rear NL	ng. LI L) INL	lb (kg)	6578/9180 (2984/4164)
	32	Axle Loading, Static Front/Rear RL		lb (kg)	23814/2944 (10802/1335)
1	33	Tire Size, Front		ib (kg)	300 x 15 - 20 Ply
Si Si	34	Tire Size, Rear			7.00 x 12 - 14 Ply
里	35	Wheelbase		in (mm)	82.7 (2100)
≥ ∞	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm\	in (mm)	6.4 (163)
	38			in (mm)	9.3 (237)
∏	39	Ground Clearance, Center of Wheelbase NL Service Brake - Method of Control/Operation		(11111)	Foot/Hydraulic
8 -	40	Parking Brake - Method of Control/Op			Hand/Mechanical
a	41	Battery Type			Maintenance Free
8	42	Volts/Cold Cranking Amps		v/cca	12/475
8_1	43	Engine, Manufacturer/Model	5 ,		Kubota WG3800 LPG
Ä	44	Permanent Output		hp (kW)	86(64) @ 2200RPM
E E	45	Torque @ Rated RPM		ft/lbs (kg/m)	221(300) @1000RPM
POWERTRAIN	46	Number of Cylinders/Displacement		No/cc (ci)	4/3769 (230)
PO		Standard Speeds, Forward/Reverse		, ,	1/1
8	49	Hydraulic Tank - capacity (drain & ref	ill)	gal (liter)	17.9 (67.8)
	50	Fuel Tank Capacity (Gas & Diesel On	ly)	gal (liter)	N/A
	51	Auxiliary Hydraulic Pressure Relief fo	r Attachments	PSI (Mpa)	2250 (15.5)
			In the contract of the contrac		

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 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.

H110FT SPECIFICATIONS <



_		Manufacture Name		1		II O		
	2	Manufacturer Name Model				Hyster Company H110FT		
		Engine			Kubota 3.8		Kubota 3.8L DSL	
	3	Rated Capacity		lb (kg)	Nubula 5.0	11000 (4990)	Nubbla 3.0L D3L	
ੋੜ੍ਹ	4	Load Center, Distance		in (mm)		24 (610)		
GENERAL	5	Power Type	111 (111111)	LPG	Gasoline	Diesel		
쁑	6	Operator Type		110	Sit-Down Rider	D10301		
	7	rep Height		in (mm)		19.1 (484)		
	8	Fire Type - Cushion, Solid, Pneumatic		()		Pneumatic		
	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 (FF	() ()	in (mm)	37 (940)			
	12	Standard Carriage Width	2, 22 (* 2.)	in (mm)		54 (1372)		
	13	•	Forks, Thickness x Width x Length		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		
S	16	Length To Face of Forks		in (mm)		129.5 (3290)		
I ≥	17	Overall Width, Standard Tread		in (mm)		57.1 (1450)		
INS		Overall Width, Wide Tread		in (mm)		62.0 (1575		
DIMENSIONS	18	Height, Standard Mast - Lowered		in (mm)		88 (2214)		
	19	Height, Standard Mast - Extended with		in (mm)		160 (4064)		
		Height, Standard Mast - Extended with	out LBR	in (mm)		147 (3730)		
	20	Height, Standard Overhead Guard		in (mm)		91 (2302)		
		Height, Optional Overhead Guard		in (mm)		88 (2235)		
	21	Height, Overhead Guard with Operator		in (mm)		92 (2323)		
	21	Turning Radius, Minimum Outside (01	,	in (mm)		113.3 (2877)		
	22	Length, Center of Wheel to Face of For		in (mm)	22.9 (581)			
	23	Aisle Width, Right Angle Stack (Add Le	,	in (mm)	136.4 (3465)			
	24 25	Equal Aisle, 90-Degree Intersecting Ai	·	in (mm)	97.3 (2472) 11.2/11.7 (18.1/18.9)			
	20	Travel Speed RL/NL	1-Speed 2-Speed	mph (km/h) 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)		
	20	Lift Speed, Optional 2-Stage FFL RL/N		ft/min (m/s)	92/95 (.46/.48)			
		Lift Speed, Optional 3-Stage FFL RL/I		ft/min (m/s)	95/98 (.48/.49)			
т.	27	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)			
Ę		Lowering Speed, Optional 2-Stage FFI		ft/min (m/s)	89/63 (.45/.32)			
Ž		Lowering Speed, Optional 3-Stage FFI		ft/min (m/s)				
PERFORMANCE 1	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6513/3900 (2954/1769)	6290/3900 (2853/1769)	6372/3900 (2890/1769)	
置			2-Speed	lb (kg)	7852/3900 (3562/1769)	7585/3900 (3441/1769)	7683/3900 (3485/1769)	
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5485/3900 (2488/1769)	5308/3900 (2408/1769)	5372/3900 (2437/1769)	
			2-Speed	lb (kg)	6467/3900 (2933/1769)	6264/3900 (2841/1769)	6338/3900 (2875/1769)	
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	25/26	24/26	25/26	
			2-Speed	%	31/26	30/26	30/26	
		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	%	21/26	20/26	21/26	
	24	Weight Otenderd T. J. (Ot. J. 1000)	2-Speed	%	25/26	24/26	25/26	
	31	Weight, Standard Truck (Standard 2-St	• ,	lb (kg)		15758 (7148)		
Α̈́	22	Weight, Standard Truck (Standard 2-S	ıy. LrL) KL	lb (kg)		26758 (12137)		
	32	Axle Loading, Static Front/Rear NL Axle Loading, Static Front/Rear RL		lb (kg)		6578/9180 (2984/4164)		
	33	Tire Size, Front		lb (kg)		23814/2944 (10802/1335) 300 x 15 - 20 Ply		
ELS	34	Tire Size, Rear				7.00 x 12 - 14 Ply		
TIRES & WHEELS	35	Wheelbase		in (mm)		82.7 (2100)		
∞ >	37	Ground Clearance, Lowest Point NL (v	vith RL subtract -6mm\	in (mm)		6.4 (163)		
RES	38	Ground Clearance, Center of Wheelbas		in (mm)		9.3 (237)		
F	39	Service Brake - Method of Control/Op		. ()		Foot/Hydraulic		
	40	Parking Brake - Method of Control/Op				Hand/Mechanical		
	41	Battery Type				Maintenance Free		
	42	Volts/Cold Cranking Amps		v/cca	12/-	475	12/900	
z	43	Engine, Manufacturer/Model			Kubota 3.8	L Dual Fuel	Kubota V3800 T4 Final	
Æ	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	
POWERTRAIN	46	Number of Cylinders/Displacement		No/cc (ci)		4/3769 (230)		
4		Standard Speeds, Forward/Reverse				1/1		
	49	Hydraulic Tank - capacity (drain & refi	,	gal (liter)		17.9 (67.8)		
	50	Fuel Tank Capacity (Gas & Diesel Onl	* *	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.

NOTE: Performance specifications I 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.

> H120FT SPECIFICATIONS

	1	Manufacturer Name			Hyster Company
	2	Model			H120FT
		Engine			Kubota 3.8L LPG
	3	Rated Capacity		lb (kg)	12000 (5443)
R A	4	Load Center, Distance		in (mm)	24 (610)
GENERAL	5	Power Type		, ,	LPG
5	6	Operator Type			Sit-Down Rider
	7	Step Height		in (mm)	19.1 (484)
	8	Tire Type - Cushion, Solid, Pneumatic		()	Pneumatic
	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)
ı	• •	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)
SN	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)
Sic	17			` '	, ,
DIMENSIONS	18	Overall Width, Wide Tread Height, Standard Mast - Lowered		in (mm)	62.0 (1575 88 (2214)
Ē		Height, Standard Mast - Lowered Height, Standard Mast - Extended with LBR		in (mm)	160 (4064)
	19			in (mm)	
	00	Height, Standard Mast - Extended without LBR		in (mm)	147 (3730)
	20	Height, Standard Overhead Guard		in (mm)	91 (2302)
		Height, Optional Overhead Guard	0.1	in (mm)	88 (2235)
	0.1	Height, Overhead Guard with Operator		in (mm) in (mm)	92 (2323)
	21	-	Turning Radius, Minimum Outside (OTR)		114.8 (2915)
	22	Length, Center of Wheel to Face of Forks		in (mm)	22.9 (591)
	23	Aisle Width, Right Angle Stack (Add L		in (mm)	137.9 (3503)
	24	Equal Aisle, 90-Degree Intersecting A		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)
	27	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)
뜅		Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)
PERFORMANCE		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)
N K		Lowering Speed, Optional 3-Stage FF		ft/min (m/s)	97/77 (.47/.39)
뜐	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6858/3904 (3111/1771)
			2-Speed	lb (kg)	8271/3904 (3752/1771)
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5766/3904 (2615/1771)
			2-Speed	lb (kg)	6794/3904 (3082/1771)
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	25/25
			2-Speed	%	31/25
WT.		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	%	21/28
			2-Speed	%	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)
S	33	Tire Size, Front			300 x 15 - 20 Ply
TIRES & WHEELS	34	Tire Size, Rear			7.00 x 12 - 14 Ply
Ī	35	Wheelbase		in (mm)	82.7 (2100)
တိ	37 38	Ground Clearance, Lowest Point NL (with RL subtract -6mm)		in (mm)	6.4 (163)
꾶		Ground Clearance, Center of Wheelbase NL		in (mm)	9.3 (237)
8 -	39	Service Brake - Method of Control/Operation			Foot/Hydraulic
1	40 41 42	Parking Brake - Method of Control/Operation			Hand/Mechanical
ğ .		Battery Type			Maintenance Free
š		Volts/Cold Cranking Amps		v/cca	12/475
Z	43	Engine, Manufacturer/Model			Kubota WG3800 LPG
RA.	44	Permanent Output		hp (kW)	86(64) @ 2200RPM
ER	45	Torque @ Rated RPM		ft/lbs (kg/m)	221(300) @1000RPM
POWERTRAIN	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)
Ž.	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 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.

H120FT SPECIFICATIONS <



_				_				
	1	Manufacturer Name			Hyster Company			
	2	Model			H120FT			
GENERAL		Engine			Kubota 3.8	L Dual Fuel	Kubota 3.8L DSL	
	3	Rated Capacity		lb (kg)		12000 (5443)		
	4	Load Center, Distance		in (mm)		24 (610)		
띪	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		
	9	Wheels, Number - Front/ Rear		X driven		2x/2		
DIMENSIONS	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 17	Length To Face of Forks		in (mm)	131.5 (3341)			
		Overall Width, Standard Tread		in (mm)	57.1 (1450)			
ä		Overall Width, Wide Tread		in (mm)	62.0 (1575			
	18	Height, Standard Mast - Lowered		in (mm)	88 (2214)			
	19	Height, Standard Mast - Extended with		in (mm)	160 (4064)			
	20	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 (C	,	in (mm)	114.8 (2915)			
	22	Length, Center of Wheel to Face of Fo		in (mm)	22.9 (591)			
	23	Aisle Width, Right Angle Stack (Add L	-	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) mph (km/h)		11.2/11.7 (18/18.8)		
	00	Lift Coood Standard 2 Stage LEL DI	2-Speed		14.2/14.7 (22.9/23.7) 98/102 (.50/.51)			
	27	Lift Speed, Standard 2-Stage LFL RL/NL Lift Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s) ft/min (m/s)	92/95 (.46/.48)			
		Lift Speed, Optional 3-Stage FFL RL/NL Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	95/98 (.48/.49)			
±.		Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	100/83 (.51/.42)			
S		Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)	89/63 (.45/.32)			
Σ		Lowering Speed, Optional 3-Stage FF		ft/min (m/s)		97/77 (.47/.39)		
E E	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	6478/3904 (2938/1771)	6255/3904 (2837/1771)	6336/3904 (2874/1771)	
PERFORMANCE			2-Speed	lb (kg)	7817/3904 (3546/1771)	7550/3904 (3425/1771)	7647/3904 (3469/1771)	
		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	5449/3904 (2472/1771)	5272/3904 (2392/1771)	5337/3904 (2421/1771)	
			2-Speed	lb (kg)	6432/3904 (2917/1771)	6229/3904 (2825/1771)	6303/3904 (2859/1771)	
	29	Max Gradeability RL/NL ^{††}	1-Speed	%	23/25	23/25	23/25	
		·	2-Speed	%	29/25	28/25	28/25	
		Gradeability @ 1 mph RL/NL ^{††}	1-Speed	%	22/28	24/28	24/28	
			2-Speed	%	22/26	22/26	21/26	
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL		lb (kg)	16519 (7493)			
Ä.		Weight, Standard Truck (Standard 2-Stg. LFL) RL		lb (kg)	28519 (12936)			
3	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)			
S	33	Tire Size, Front			300 x 15 - 20 Ply			
單	34	Tire Size, Rear			7.00 x 12 - 14 Ply			
Š	35			in (mm)	82.7 (2100)			
TIRES & WHEELS	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)		in (mm)	6.4 (163)			
뽊	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 42	Battery Type		vloss	10/475	Maintenance Free	12/000	
	42	Volts/Cold Cranking Amps		v/cca	12/475 Kubota 3.8	12/475	12/900 Kubata V3800 T4 Final	
A Z		Engine, Manufacturer/Model		hs (IdA)		L Dual Fuel	Kubota V3800 T4 Final	
I.R	44	Permanent Output	hp (kW)	82(61) @ 2200RPM	78(58) @ 2200RPM	74(55) @ 2200RPM		
POWERTRAIN	45 46	Torque @ Rated RPM	ft/lbs (kg/m)	207(280) @1200RPM	189(256) @1400RPM	228(309) @1400RPM		
ğ	46	Number of Cylinders/Displacement		No/cc (ci)	4/3769 (230)			
	40	Fuel Tank Capacity (Gas & Diesel Only)		gal (litar)	1/1 17.9 (67.8) 26.5 (100.3) 2250 (15.5)			
	49 50			gal (liter) gal (liter)				
	อบ 51			PSI (Mpa)				
	- 0 1	Auxiliary riguraulic Fressure nellel für Attachments		i oi (ivipa)	2200 (10.0)			

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 I 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.

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





Hyster Company P.O. Box 7006 Greenville, North Carolina 27835-7006 Part No. H80-120FT/TG 8/2019 Litho in U.S.A. Visit us online at www.hyster.com or call us at 1-800-HYSTER-1.

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