

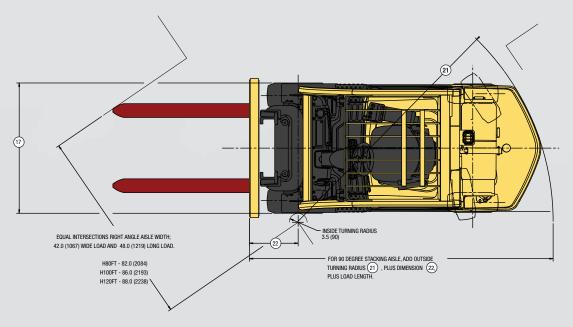


STRONG PARTNERS.
TOUGH TRUCKS."

# **S80-120FT SERIES TECHNICAL GUIDE**

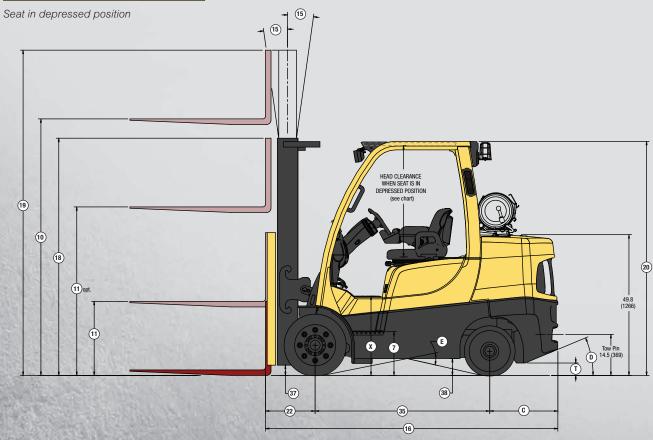
**WWW.HYSTER.COM** 

### > S80FT 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

TRUCK	С	D	E	Т	Х
MODEL	in (mm)	percent	degrees	in (mm)	in (mm)
S80FT	24.1 (613)	40%	22.7	4.4 (112)	28.1 (714)



#### **S80FT SPECIFICATIONS**



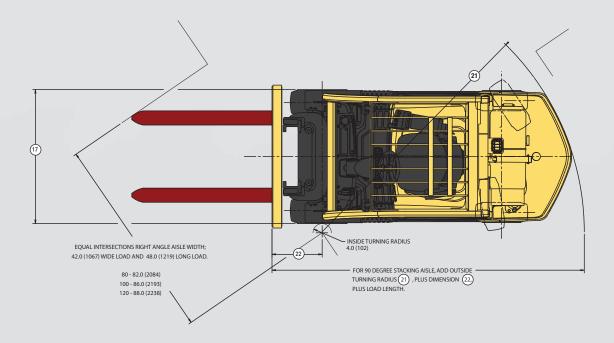
_					
	1	Manufacturer Name			Hyster Company
	2	Model			S80FT
		Engine			Kubota 3.8L LPG
뒽	3	Rated Capacity		lb (kg)	8000 (3629)
띪	4	Load Center, Distance		in (mm)	24 (610)
GENERAL	5	Power Type			LPG
	6	Operator Type			Sit-Down Rider
	7	Step Height		in (mm)	15.6 (396)
	8	Tire Type - Cushion, Solid, Pneumatic		V 11	Cushion
	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 (LF	7 1	in (mm)	6 (150)
	10	Lift Heights, Optional Full Free Lift (FFL) w	/ith LBR (TOF)	in (mm)	35 (900)
	12	Standard Carriage Width		in (mm)	42 (1067)
	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)	38.3 (972)
	15	Mast Tilt Angles, Forward/Backward		degrees	5F/6B
ş	16	Length To Face of Forks		in (mm)	103.5 (2630)
၂ မွ	17	Overall Width, Standard Tread		in (mm)	46.1 (1170)
DIMENSIONS	10	Overall Width, Wide Tread		in (mm)	50.0 (1270)
昌	18		D.	in (mm)	84 (2134)
	19	Height, Standard Mast - Extended with LB		in (mm)	169 (4284)
	20	Height, Standard Mast - Extended without	LDN	in (mm)	149 (3783)
	20	Height, Standard Overhead Guard		in (mm)	86 (2171)
	04	Height, Optional Overhead Guard		in (mm)	83 (2104)
	21	Turning Radius, Minimum Outside (OTR)		in (mm)	90.5 (2298)
	_	Length, Center of Wheel to Face of Forks	h of Load\	in (mm)	17.6 (447)
	23	Aisle Width, Right Angle Stack (Add Lengt		in (mm)	108.1 (2746)
	24 25	Equal Aisle, 90-Degree Intersecting Aisle (	i '	in (mm)	81.7 (2075)
	25	Travel Speed RL/NL	1-Speed	mph (km/h)	10.7/10.7 (17.2/17.2)
	26	Lift Coand Ctandard 2 Ctana LEL DL/NI	2-Speed	mph (km/h)	13.7/13.9 (22/22.4)
	26	Lift Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)	120/122 (.61 /.62)
		Lift Speed, Optional 2-Stage FFL RL/NL Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)	106/108 (.54/.55)
	27	Lowering Speed, Standard 2-Stage LFL R	I /NI	ft/min (m/s) ft/min (m/s)	112/114 (.57/.58) 93/108 (.47/.55)
뇽	21	Lowering Speed, Optional 2-Stage FFL RI		ft/min (m/s)	71/98 (.36/.50)
NA N		Lowering Speed, Optional 3-Stage FFL RI		ft/min (m/s)	87/104 (.44/.53)
	28	Max Drawbar Pull RL/NL	1-Speed	lb (kg)	7132/2878 (3235/1306)
PERFORMANCE <sup>†</sup>		Wax Brawbar Fair NE/NE	2-Speed	lb (kg)	8563/2878 (3884/1306)
뿝		Drawbar Pull @ 1 mph RL/NL	1-Speed	lb (kg)	6173/2878 (2800/1306)
		Diamodi i dii @ i ilipii Ne/Ne	2-Speed	lb (kg)	7162/2878 (3249/1306)
	29	Max Gradeability RL/NL ††	1-Speed	%	37/23
	├ <del>¯</del>	max oracounty herre []	2-Speed	%	46/23
		Gradeability @ 1 mph RL/NL ††	1-Speed	%	31/23
			2-Speed	%	37/23
	31	Weight, Standard Truck (Standard 2-Stg. L		lb (kg)	12650 (5738)
		Weight, Standard Truck (Standard 2-Stg. L		lb (kg)	20650 (9367)
Ä	32	Axle Loading, Static Front/Rear NL	,	lb (kg)	4797/7853 (2176/3562)
		Axle Loading, Static Front/Rear RL		lb (kg)	18182/2468 (8247/1119)
	33	Tire Size, Front		. (9)	22 X 9 X16
LS	34	Tire Size, Rear			18 X 7 X 12.2
I #	35	Wheelbase		in (mm)	61.8 (1570)
TIRES & WHEELS	37	Ground Clearance, Lowest Point NL (with	RL subtract -6mm)	in (mm)	4.5 (114)
S S	38	Ground Clearance, Center of Wheelbase N	•	in (mm)	6.0 (152)
뿔	39	Service Brake - Method of Control/Operati		( )	Foot/Hydraulic
	40	Parking Brake - Method of Control/Operati			Hand/Mechanical
	41	Battery Type			Maintenance Free
	42	Volts/Cold Cranking Amps		v/cca	12/475
_	43	Engine, Manufacturer/Model			Kubota WG3800 LPG
툏	44	Permanent Output		hp (kW)	74 (55) @ 1800 RPM
F	45	Torque @ Rated RPM		ft/lbs (kg/m)	221 (300) @ 1000 RPM
POWERTRAIN	46	Number of Cylinders/Displacement		No/cc (ci)	4/3769 (230)
P 0		Standard Speeds, Forward/Reverse			1/1
	49	Hydraulic Tank - capacity (drain & refill)		gal (liter)	20.5 (77.7)
	51	Auxiliary Hydraulic Pressure Relief for Atta	chments	PSI (Mpa)	2250 (15.5)

<sup>†</sup> 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.

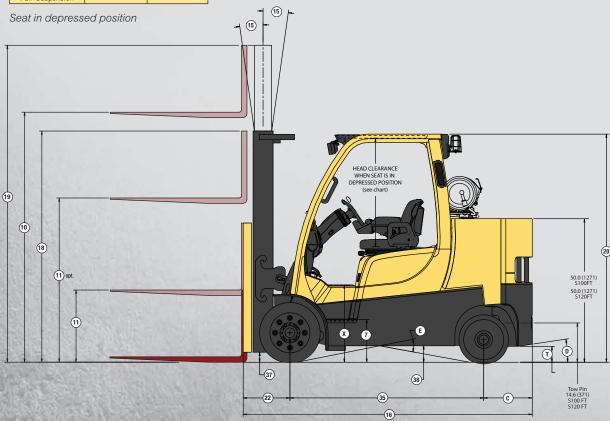
RL = Rated Load, NL = No Load

#### > \$100-120FT 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

TRUCK	С	D	E	Т	Х
MODEL	in (mm)	percent	degrees	in (mm)	in (mm)
S100FT	20.3 (517)	32%	20	4.6 (116)	28.3 (718)
S120FT	24.0 (609)	32%	21	4.6 (116)	28.3 (718)



#### S100FT SPECIFICATIONS <



1				
Segue	1			Hyster Company
Read Capacity   10 (c)	2	Model		S100FT
Barrier   Barr		Engine		Kubota 3.8L LPG
1	<b>_</b> 3	Rated Capacity	lb (kg)	10000 (4536)
1	<b>№</b> 4	Load Center, Distance	in (mm)	24 (610)
1	<b>H</b> 5			LPG
To   Spring   Sprin	<b>5</b> 6			Sit-Down Rider
8   The Type - Carboner, Solich Finantials   Carboner   St. 202	7	Step Height	in (mm)	15.6 (396)
Weels, Number - Forch Place	8	1 0	· · ·	
10   Height, Scarland Tumber (Fest   Height, Scarland Tumber	9		X driven	2x/2
1				
Lift Heights, Deptional Full File Lift, File, with LBR (10F)   in firmit   2.9 (10F)		5 7 1 ( )		•
Sandard Carriage Width	Ė			· · · · · · · · · · · · · · · · · · ·
19	13			
Text   Spread, Dustice Dimensions   In (mm)   33.3 (972)		- v		
Mate   Till Angles, France   Series	<u> </u>	•		
	<u> </u>			· · · · · · · · · · · · · · · · · · ·
		9 ,		
Height, Standard Mast - Extended without EBR   In (mm)   144 (8657)	S   1			
Height, Standard Mast - Extended without EBR   In (mm)   144 (8657)	ols			. ,
Height, Standard Mast - Extended without EBR   In (mm)   144 (8657)				, ,
Height, Standard Mast - Extended without EBR   In (mm)   144 (8657)				, ,
Height, Standard Overhead Guard   in (mm)   88 (2175)	18	9 7		
Height, Optional Overhead Guard   in (mm)   83, (2109)				,
Turning Radius, Minimum Outside (OTR)	20			
2   Length, Center of Wheel to Face of Forks   in (mm)   17.8 (452)		<del>-</del>		, ,
23   Asie Width, Ripht Angle Stack (And Langth of Load)   in (mm)   114.1 (2899)   24   Equal Asies, 91-Degree intersecting Asies (Aff LX 40" W Load)   in (mm)   86.0 (2184)   25   Travel Speed RL/NL   1-Speed   mph (km/h)   10.5/10.5 (18.9/17)   26   Lift Speed, Standard 2-Stage FFL RL/NL   fr/min (m/s)   110/112 (56.57)   27   Lovering Speed, Optional 3-Stage FFL RL/NL   fr/min (m/s)   100/106 (52/54)   27   Lovering Speed, Optional 2-Stage FFL RL/NL   fr/min (m/s)   100/108 (52/54)   27   Lovering Speed, Optional 2-Stage FFL RL/NL   fr/min (m/s)   100/108 (54/25)   28   Max Drawfar Pull RL/NL   1-Speed   fr/min (m/s)   99/3 (48/32)   29   Max Gradard Pull RL/NL   1-Speed   fr/min (m/s)   99/3 (48/32)   20   Drawfar Pull RL/NL   1-Speed   fr/min (m/s)   99/3 (48/32)   21   Drawfar Pull RL/NL   1-Speed   fr/min (m/s)   99/3 (48/32)   22   Max Gradability RL/NL   1-Speed   fr/min (m/s)   99/3 (48/747/25)   23   Max Gradability RL/NL   1-Speed   fr/min (m/s)   99/3 (48/747/25)   24   Drawfar Pull RL/NL   1-Speed   fr/min (m/s)   99/3 (38/47/25)   25   Max Gradability RL/NL   1-Speed   fr/min (m/s)   93/3 (38/47/25)   26   Max Gradability RL/NL   1-Speed   fr/min (m/s)   93/3 (38/47/25)   27   Drawfar Pull RL/NL   1-Speed   fr/min (m/s)   93/3 (38/47/25)   28   Max Gradability RL/NL   1-Speed   fr/min (m/s)   93/3 (38/47/25)   29   Max Gradability RL/NL   1-Speed   fr/min (m/s)   93/3 (38/47/25)   30   Time Stage, Rest   fr/min RL/NL   fr/min (m/s)   153/3 (69/3) (69/3				. ,
Page   Figure   Asia, 99-Degree Intersecting Alsie (48" L X 40" W Load)   in (mm)   8.6 J (2184)	<u> </u>			* /
Travel Speed RL/NL	<u> </u>			
2-Speed			` '	, ,
20	25			
Lift Speed, Optional 2-Stage FFL RL/NL	_		mph (km/h)	· · · · · · · · · · · · · · · · · · ·
Lift Speed, Optional 3-Stage FFL RL/NL   ft/min (m/s)   106/108 (54/55)	26	- · · · · · · · · · · · · · · · · · · ·		
27   Lowering Speed, Standard 2-Stage FFL RL/NL   1/min (m/s)   89/63 (.45/.32)   Lowering Speed, Optional 2-Stage FFL RL/NL   1/min (m/s)   89/63 (.45/.32)   1/min (m/s)   89/63 (.45/.32)   1/min (m/s)   1/min			ft/min (m/s)	,
Lowering Speed, Optional 2-Stage FFL RL/NL   1/min (m/s)   89/63 (.45/.32)   1/min (m/s)   93/77 (.47/.39)   1/min (m/s)   1/min (m/		9		
Park	<u>ti</u> 27		, ,	, ,
Part	\$ L			, ,
Park	<b>X</b>			
Part	[28	-		
Park	#			· · · · · · · · · · · · · · · · · · ·
29 Max Gradeability RL/NL †† 1-Speed			1 - 1	
Cardeability @ 1 mph RL/NL †† 1-Speed				
Gradeability @ 1 mph RL/NL †† 1-Speed	29			
31   Weight, Standard Truck (Standard 2-Stg. LFL) NL   1b (kg)   15329 (6953)	_			
Weight, Standard Truck (Standard 2-Stg. LFL) NL	_			
Weight, Standard Truck (Standard 2-Stg. LFL) RL   Ib (kg)   25329 (11489)				
Sample   S				
Akle Loading, Static Front/Rear RL   1b (kg)   22323 / 3006 (10126 / 1363)	<u></u> ≒			the state of the s
STATE   18   18   18   18   18   18   18   1	> 32	<del>-</del>		
Time Size, Rear   18 x 8 x 12.2		<del>-</del>	lb (kg)	
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)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)				
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)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)	H 34			
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)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)	¥ 35		in (mm)	70.5 (1790)
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)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)	<b>&gt;</b> 37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	4.6 (118)
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)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)	<b>S</b> 38		in (mm)	6.1 (156)
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)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)		<del>-</del>		Foot/Hydraulic
42   Volts/Cold Cranking Amps   V/cca   12/475     43   Engine, Manufacturer/Model   Kubota WG3800 LPG     44   Permanent Output   hp (kW)   91 (69) @ 2400 RPM     45   Torque @ Rated RPM   ft/lbs (kg/m)   221 (300) @ 1000 RPM     46   Number of Cylinders/Displacement   No/cc (ci)   4/3769 (230)     5   Standard Speeds, Forward/Reverse   1/1     49   Hydraulic Tank - capacity (drain & refill)   gal (liter)   20.5 (77.7)	40	- v		Hand/Mechanical
43   Engine, Manufacturer/Model   Kubota WG3800 LPG				Maintenance Free
Factor   F			v/cca	12/475
49 Hydraulic Tank - capacity (drain & refill) gal (liter) 20.5 (77.7)	<b>=</b> 43			Kubota WG3800 LPG
49 Hydraulic Tank - capacity (drain & refill) gal (liter) 20.5 (77.7)	₹ 44		hp (kW)	91 (69) @ 2400 RPM
49 Hydraulic Tank - capacity (drain & refill) gal (liter) 20.5 (77.7)	<b>H</b> 45		ft/lbs (kg/m)	221 (300) @ 1000 RPM
49 Hydraulic Tank - capacity (drain & refill) gal (liter) 20.5 (77.7)	8 46		No/cc (ci)	4/3769 (230)
49 Hydraulic Tank - capacity (drain & refill) gal (liter) 20.5 (77.7)	<u> </u>	Standard Speeds, Forward/Reverse		1/1
51 Auxiliary Hydraulic Pressure Relief for Attachments PSI (Mna) 2250 (15.5)	49		gal (liter)	20.5 (77.7)
1 of (hips)	5′	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250 (15.5)

<sup>†</sup> 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.

RL = Rated Load, NL = No Load

#### > S120FT DIMENSIONS

1	Manufacturer Name		Hyster Company
2	Model		S120FT
	Engine		Kubota 3.8L LPG
_ 3	Rated Capacity	lb (kg)	12000 (5443)
4	Load Center, Distance	in (mm)	24 (610)
4 5 C	Power Type	( /	LPG
6	Operator Type		Sit-Down Rider
7	Step Height	in (mm)	15.6 (396)
8	Tire Type - Cushion, Solid, Pneumatic	()	Cushion
9	Wheels, Number - Front/ Rear	X driven	2x/2
10		in (mm)	110 (2800
11	3 . 1 ,	in (mm)	6 (150)
H	Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	35 (907)
12		in (mm)	42 (1067)
13	Forks, Thickness x Width x Length	in (mm)	2.5 X 60 X 48 (60 X 150 X 1219)
14	Fork Spread, Outside Dimensions	in (mm)	38.3 (972)
15	Mast Tilt Angles, Forward/Backward	degrees	5F/6B
16	S C C C C C C C C C C C C C C C C C C C	in (mm)	112.6 (2861)
2 10 17	Overall Width, Standard Tread	in (mm)	52.0 (1320)
17 18 18 10 10 10 10 10 10 10 10 10 10 10 10 10	Overall Width, Wide Tread		55.9 (1420)
18	·	in (mm)	85 (2138)
19	5 1	in (mm)	159 (4031)
19	<u> </u>	in (mm)	
20	Height, Standard Mast - Extended without LBR	in (mm)	144 (3657)
20	Height, Standard Overhead Guard	in (mm)	86 (2175)
24	Height, Optional Overhead Guard	in (mm)	83 (2108)
21	Turning Radius, Minimum Outside (OTR)	in (mm)	99.8 (2534)
22	Length, Center of Wheel to Face of Forks	in (mm)	18.2 (462)
23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	118 (2996)
24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	87.8 (2230)
25	·	mph (km/h)	10.4/10.5 (16.8/16.9)
	2-Speed	mph (km/h)	13.4/13.7 (21.6/22)
26		ft/min (m/s)	110/112 (.56/.57)
	Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	102/106 (.52/.54)
	Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	106/108 (.54/.55)
27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	100/83 (.51/.42)
<b>]</b>	Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)
<u> </u>	Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	93/77 (.47/.39)
28	·	lb (kg)	7784/3597 (3531/1631)
ۂ	2-Speed	lb (kg)	9363/3597 (4247/1631)
	Drawbar Pull @ 1 mph RL/NL 1-Speed	lb (kg)	6665/3597 (3023/1631)
	2-Speed	lb (kg)	7733/3597 (3508/1631)
29	Max Gradeability RL/NL †† 1-Speed	%	28/22
	2-Speed	%	35/22
	Gradeability @ 1 mph RL/NL †† 1-Speed	%	24/22
	2-Speed	%	28/22
31	9 /	lb (kg)	16690 (7570)
	Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	28690 (13014)
32	Axle Loading, Static Front/Rear NL	lb (kg)	5995 / 10695 (2719 / 4851)
	Axle Loading, Static Front/Rear RL	lb (kg)	25178 / 3512 (11421 / 1593)
33	Tire Size, Front		22 X 12 X16
34	Tire Size, Rear		18 X 8 X 12.2
35	Wheelbase	in (mm)	70.5 (1790)
37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	4.6 (118)
34 35 37 38 38 39	Ground Clearance, Center of Wheelbase NL	in (mm)	6.1 (156)
39	,	, , , , , , , , , , , , , , , , , , ,	Foot/Hydraulic
40	· · · · · · · · · · · · · · · · · · ·		Hand/Mechanical
41	Battery Type		Maintenance Free
42	Volts/Cold Cranking Amps	v/cca	12/475
40	Engine, Manufacturer/Model		Kubota WG3800 LPG
43 44 45 46	Permanent Output	hp (kW)	91 (69) @ 2400 RPM
45	·	ft/lbs (kg/m)	221 (300) @ 1000 RPM
46	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
2 📅	Standard Speeds, Forward/Reverse	140,00 (01)	1/1
	Otaliaala Opodas, i oliviala/Nevelse		1/ 1
49	Hydraulic Tank - capacity (drain & refill)	gal (liter)	20.5 (77.7)

CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI 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.

RL = Rated Load, NL = No Load

#### **S120FTS SPECIFICATIONS**



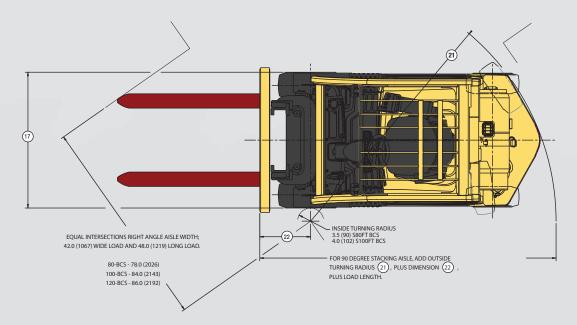
		N. (		
	1	Manufacturer Name		Hyster Company
	2	Model		\$120FT\$
		Engine	11.41.	Kubota 3.8L LPG
AL.	3	Rated Capacity	Ib (kg)	12000 (5443)
GENERAL	4	Load Center, Distance	in (mm)	24 (610)
GE!	5	Power Type		LPG
	6	Operator Type	in (mm)	Sit-Down Rider
	7	Step Height	in (mm)	15.6 (396)
	8	Tire Type - Cushion, Solid, Pneumatic Wheels, Number - Front/ Rear	V driver	Cushion 2x/2
	9		X driven	
	10	Lift Height, Top of Fork (TOF) Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	110 (2800
	11	· / / / /	in (mm)	6 (150)
	10	Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	35 (907)
	12	Standard Carriage Width	in (mm)	42 (1067)
	13	Forks, Thickness x Width x Length	in (mm)	2.5 X 60 X 48 (60 X 150 X 1219)
	14 15	Fork Spread, Outside Dimensions	in (mm)	38.3 (972) 5F/6B
	16	Mast Tilt Angles, Forward/Backward	degrees in (mm)	106.3 (2699)
NS	17	Length To Face of Forks	in (mm)	
SIO	17	Overall Width, Standard Tread	in (mm)	52.0 (1320) 55.0 (1420)
DIMENSIONS	10	Overall Width, Wide Tread	in (mm)	55.9 (1420) 85 (2138)
	18 19	Height, Standard Mast - Lowered Height, Standard Mast - Extended with LBR	in (mm)	85 (2138) 150 (4031)
	19		in (mm)	159 (4031) 144 (3657)
	20	Height, Standard Mast - Extended without LBR Height, Standard Overhead Guard	in (mm)	144 (3657) 86 (2175)
ŀ	20	Height, Optional Overhead Guard	in (mm)	83 (2108)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	93.5 (2375)
	22	Length, Center of Wheel to Face of Forks	in (mm)	18.2 (462)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	, ,	111.7 (2837)
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	86.0 (2184)
	25	Travel Speed RL/NL 1-Speed	mph (km/h)	10.4/10.5 (16.8/16.9)
	20	2-Speed	mph (km/h)	13.4/13.7 (21.6/22)
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	110/112 (.56/.57)
	20	Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	102/106 (.52/.54)
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	106/108 (.54/.55)
	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	100/83 (.51/.42)
E		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)
A I		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	93/77 (.47/.39)
PERFORMANCE <sup>†</sup>	28	Max Drawbar Pull RL/NL 1-Speed	lb (kg)	7783/3870 (3530/1756)
RF		2-Speed	lb (kg)	9362/3870 (4247/1756)
E		Drawbar Pull @ 1 mph RL/NL 1-Speed	lb (kg)	6664/3870 (3023/1756)
		2-Speed	lb (kg)	7732/3870 (3507/1756)
	29	Max Gradeability RL/NL †† 1-Speed	%	28/24
		2-Speed	%	34/24
		Gradeability @ 1 mph RL/NL †† 1-Speed	%	24/24
		2-Speed	%	28/24
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	16743 (7594)
i i		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	28743 (13038)
WT.	32	Axle Loading, Static Front/Rear NL	lb (kg)	6450 / 10293 (2926 / 4669)
		Axle Loading, Static Front/Rear RL	lb (kg)	25634 / 3109 (11627 / 1410)
	33	Tire Size, Front		22 X 12 X16
ELS	34	Tire Size, Rear		18 X 8 X 12.2
뽀	35	Wheelbase	in (mm)	70.5 (1790)
	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)	4.6 (118)
ES 8	38	Ground Clearance, Center of Wheelbase NL	in (mm)	6.1 (156)
IRI	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
i	43	Engine, Manufacturer/Model		Kubota WG3800 LPG
RA	44	Permanent Output	hp (kW)	91 (68) @ 2400 RPM
	45	Torque @ Rated RPM	ft/lbs (kg/m)	221 (300) @ 1000 RPM
监		Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
OWER	46			
POWERTRAIN	46	Standard Speeds, Forward/Reverse		1/1
POWER	49		gal (liter)	

<sup>†</sup> 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.

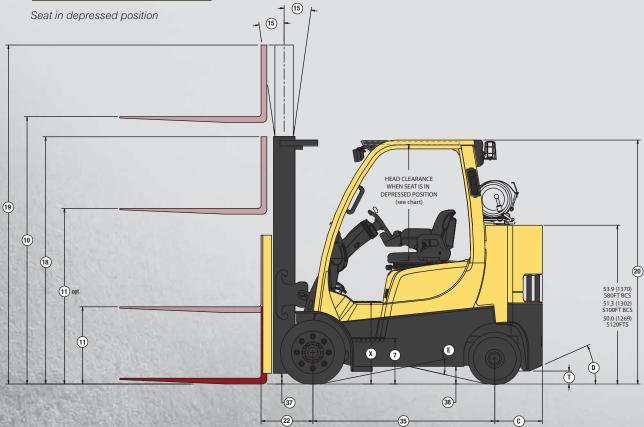
RL = Rated Load, NL = No Load

#### > S80-100FT BCS / S120FTS DIMENSIONS



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

TRUCK	С	D	E	T	Х
MODEL	in (mm)	percent	degrees	in (mm)	in (mm) 28.1 (714) 28.3 (718)
S80FT BCS	16.1 (410)	44%	25.2	4.4 (112)	28.1 (714)
S100FT BCS	21.6 (549)	42%	22.2	5.9 (151)	28.3 (718)
S120FTS	17.6 (447)	37%	21	5.9 (151)	28.3 (718)



#### **S80-100FT BCS SPECIFICATIONS**



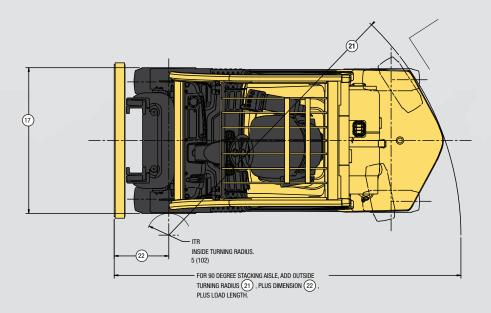
	1	Manufacturer Name		Lhistor C	· · · · · · · · · · · · · · · · · · ·
	2	Model		S80FT BCS	Company S100FT BCS
		Engine			3.8L LPG
	3	Rated Capacity	lb (kg)	8000 (3629)	10000 (4536)
됳					
GENERAL	4	Load Center, Distance	in (mm)	,	610)
흥	5	Power Type		LI	
	6	Operator Type			vn Rider
	7	Step Height	in (mm)		(396)
	8	Tire Type - Cushion, Solid, Pneumatic			hion
	9	Wheels, Number - Front/ Rear	X driven		/2
	10	Lift Height, Top of Fork (TOF)	in (mm)	120 (3050)	110 (2800
	11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	6 (*	
		Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	35 (	,
	12	Standard Carriage Width	in (mm)	42 (1	
	13	Forks, Thickness x Width x Length	in (mm)	2 X 5 X 48 (50 X 125 X 1219)	2 X 6 X 48 (50 X 150 X 1219)
	14	Fork Spread, Outside Dimensions	in (mm)	38.3	(972)
	15	Mast Tilt Angles, Forward/Backward	degrees	5F.	
2	16	Length To Face of Forks	in (mm)	95.6 (2427)	101.2 (2571)
<u>8</u>	17	Overall Width, Standard Tread	in (mm)	46.1 (1170)	52.0 (1320)
SNS		Overall Width, Wide Tread	in (mm)	50.0 (1270)	55.9 (1420)
DIMENSIONS	18	Height, Standard Mast - Lowered	in (mm)	84 (2134)	85 (2138)
_	19	Height, Standard Mast - Extended with LBR	in (mm)	169 (4284)	159 (4031)
		Height, Standard Mast - Extended without LBR	in (mm)	149 (3783)	144 (3657)
	20	Height, Standard Overhead Guard	in (mm)	86 (2171)	86 (2175)
		Height, Optional Overhead Guard	in (mm)	83 (2104)	83 (2108)
	21	Turning Radius, Minimum Outside (OTR)	in (mm)	82.8 (2102)	87.9 (2232)
	22	Length, Center of Wheel to Face of Forks	in (mm)	17.6 (447)	17.8 (452)
	23	Aisle Width, Right Angle Stack (Add Length of Load)	in (mm)	100.4 (2549)	105.7 (2684)
	24	Equal Aisle, 90-Degree Intersecting Aisle (48" L X 40" W Load)	in (mm)	79.4 (2017)	84.1 (2136)
	25	Travel Speed RL/NL 1-Speed	mph (km/h)	10.7/10.7 (17.2/17.2)	10.5/10.5 (16.9/17)
		2-Speed	mph (km/h)	13.7/13.9 (22.1/22.4)	13.5/13.7 (21.7/22.1)
	26	Lift Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	120/122 (.61 /.62)	110/112 (.56/.57)
		Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	106/108 (.54/.55)	102/106 (.52/.54)
		Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	112/114 (.57/.58)	106/108 (.54/.55)
_	27	Lowering Speed, Standard 2-Stage LFL RL/NL	ft/min (m/s)	93/108 (.47/.55)	100/83 (.51/.42)
岂		Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	71/98 (.36/.50)	89/63 (.45/.32)
ΑĀ		Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	87/104 (.44/.53)	93/77 (.47/.39)
ORI	28	Max Drawbar Pull RL/NL 1-Speed	lb (kg)	7118/3333 (3229/1512)	7835/3328 (3554/1510)
PERFORMANCE†		2-Speed	lb (kg)	8550/3333 (3878/1512)	9413/3328 (4270/1510)
H		Drawbar Pull @ 1 mph RL/NL 1-Speed	lb (kg)	6159/3333 (2794/1512)	6715/3328 (3046/1510)
		2-Speed	lb (kg)	7148/3333 (3242/1512)	7783/3328 (3531/1510)
	29	Max Gradeability RL/NL †† 1-Speed	%	35/26	31/21
		2-Speed	%	44/26	39/21
		Gradeability @ 1 mph RL/NL †† 1-Speed	%	30/26	27/21
		2-Speed	%	36/26	31/21
	31	Weight, Standard Truck (Standard 2-Stg. LFL) NL	lb (kg)	13340 (6051)	16164 (7332)
ب		Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	21340 (9680)	26164 (11868)
Ĭ.	32	Axle Loading, Static Front/Rear NL	lb (kg)	5555 / 7785 (2520 / 3531)	5546 / 10618 (2516 / 4816)
		Axle Loading, Static Front/Rear RL	lb (kg)	18940 / 2400 (8591 / 1089)	22373 / 3791 (10148 / 1720)
	33	Tire Size, Front	(3)	22 X 9 X16	22 X 12 X16
LS	34	Tire Size, Rear		18 X 7 X 12.2	18 X 8 X 12.2
TIRES & WHEELS	35	Wheelbase	in (mm)	61.8 (	
3	37	Ground Clearance, Lowest Point NL (with RL subtract -6mm)	in (mm)		114)
SS	38	Ground Clearance, Center of Wheelbase NL	in (mm)	6.0 (152)	
볼	39	Service Brake - Method of Control/Operation	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		ydraulic
_	40	Parking Brake - Method of Control/Operation		Hand/Mi	
	41	Battery Type			ance Free
	42	Volts/Cold Cranking Amps	v/cca		475
_	43	Engine, Manufacturer/Model	., 000		33800 LPG
ğ	44	Permanent Output	hp (kW)	74 (55) @ 1800 RPM	91 (68) @ 2400 RPM
AH.	45	Torque @ Rated RPM	ft/lbs (kg/m)		0 1000 RPM
POWERTRAIN	46	Number of Cylinders/Displacement	No/cc (ci)		9 (230)
PO	70	Standard Speeds, Forward/Reverse	140/00 (01)		/1
	49	Hydraulic Tank - capacity (drain & refill)	gal (liter)		(77.7)
	51	Auxiliary Hydraulic Pressure Relief for Attachments	PSI (Mpa)	2250	
	JΩI	Muximary Fryuraumo i resoure nemer for Attachmients	i oi (ivipa)	2230	(10.0)

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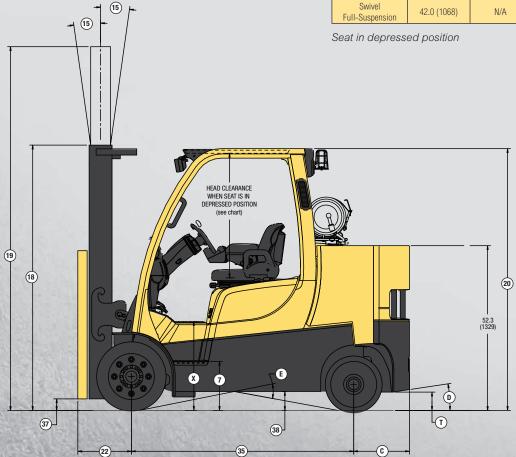
RL = Rated Load, NL = No Load

#### > S120FT PRS DIMENSIONS



TRUCK	С	D	E	Т	Х
MODEL	in (mm)	percent	degrees	in (mm)	in (mm)
S120FT PRS	17.6 (447)	37%	21	6 (151)	28.2 (718)

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	



#### S120FT PRS SPECIFICATIONS <



1	Manufacturer Name		Hyster Company
2			S120FT PRS
_	Engine	n a >	Kubota 3.8L LPG
$\frac{3}{4}$	Rated Capacity	Ib (kg)	12000 (5443)
GENERAL 5	Load Center, Distance	in (mm)	24 (610)
<u>5</u>	Power Type		LPG
6			Sit-Down Rider
7	Step Height	in (mm)	15.6 (396)
8	Tire Type - Cushion, Solid, Pneumatic		Cushion
9	Wheels, Number - Front/ Rear	X driven	2x/2
10		in (mm)	N/A
11	Lift Heights, Standard Limited Free Lift (LFL) with LBR (TOF)	in (mm)	N/A
	Lift Heights, Optional Full Free Lift (FFL) with LBR (TOF)	in (mm)	N/A
12	Standard Carriage Width	in (mm)	42 (1067)
13	Forks, Thickness x Width x Length	in (mm)	N/A
14	Fork Spread, Outside Dimensions	in (mm)	N/A
15	Mast Tilt Angles, Forward/Backward	degrees	5F/6B
<b>%</b> 16	Length To Face of Forks	in (mm)	N/A
<b>8</b> 17	Overall Width, Standard Tread	in (mm)	52.0 (1320)
18 18	Overall Width, Wide Tread	in (mm)	55.9 (1420)
<b>H</b> 18	Height, Standard Mast - Lowered	in (mm)	85 (2138)
a 19		in (mm)	159 (4031)
	Height, Standard Mast - Extended without LBR	in (mm)	144 (3657)
20	• •	in (mm)	86 (2175)
	Height, Optional Overhead Guard	in (mm)	83 (2108)
21	9 1	in (mm)	93.5 (2375)
22		in (mm)	N/A
23		in (mm)	N/A
24		in (mm)	N/A
25		mph (km/h)	10.4/10.5 (16.8/16.9)
	2-Speed	mph (km/h)	13.4/13.7 (21.5/22)
26	-	ft/min (m/s)	110/112 (.56/.57)
	Lift Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	102/106 (.52/.54)
	Lift Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	106/108 (.54/.55)
<sub>+</sub> 27		ft/min (m/s)	100/83 (.51/.42)
핑	Lowering Speed, Optional 2-Stage FFL RL/NL	ft/min (m/s)	89/63 (.45/.32)
<b>\{\bar{\bar{\bar{\bar{\bar{\bar{\ba</b>	Lowering Speed, Optional 3-Stage FFL RL/NL	ft/min (m/s)	93/77 (.47/.39)
8 28		lb (kg)	7757/4064 (3519/1843)
PERFORMANCET 82	2-Speed	lb (kg)	9336/4064 (4235/1843)
	Drawbar Pull @ 1 mph RL/NL 1-Speed	lb (kg)	6637/4064 (3011/1843)
	2-Speed	lb (kg)	7705/4064 (3495/1843)
29	•	%	27/23
	2-Speed	%	33/23
	Gradeability @ 1 mph RL/NL †† 1-Speed	%	23/23
	2-Speed	%	26/23
31	·	lb (kg)	18155 (8235)
	Weight, Standard Truck (Standard 2-Stg. LFL) RL	lb (kg)	30155 (13678)
¥ 32	<del>-</del>	lb (kg)	6773 / 11382 (3072 / 5163)
	Axle Loading, Static Front/Rear RL	Ib (kg)	25957 / 4198 (11774 / 1904)
33	-	(3)	22 X 12 X16
<b>SH</b> 34			18 X 8 X 12.2
35 37 38 38 39		in (mm)	70.5 (1790)
37		in (mm)	4.6 (118)
<b>%</b> 38		in (mm)	6.1 (156)
39		()	Foot/Hydraulic
40	•		Hand/Mechanical
41	1		Maintenance Free
42		v/cca	12/475
40		., 554	Kubota WG3800 LPG
		hp (kW)	91 (68) @ 2400 RPM
₹ 44			
44 45	Torque @ Rated RPM	TI/INS (KN/m)	// [ (300) (0) 1000 RPM
WERTRAII 49 48		ft/lbs (kg/m) No/cc (ci)	221 (300) @ 1000 RPM 4/3769 (230)
<b>A</b> 44	Number of Cylinders/Displacement	No/cc (ci)	4/3769 (230)
POWERTRAII 45 46 49 49 49	Number of Cylinders/Displacement Standard Speeds, Forward/Reverse		

<sup>†</sup> 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.

RL = Rated Load, NL = No Load

# MAST DIMENSIONS

S80FT/S80FT BCS	MAST DIMENSION	S					
Maximum Fork Height	Overall	Overall Extended Height		Free-Lift (TOF)			
(TOF) † Lowered Height	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)	85 (2134)	169 (4284)	149 (3783)	5 (150)	5 (150)		
143 (3650)	96 (2434)	193 (4897)	193 (4884)	5 (150)	5 (150)		
2-STAGE FULL FR	EE-LIFT (FFL) VIST	A <sup>™</sup> MAST					
121 (3075)	85 (2134)	170 (4309)	152 (3857)	35 (900)	53 (1352)		
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST							
173 (4415)	85 (2134)	223 (5649)	205 (5197)	35 (900)	53 (1352)		
185 (4715)	88 (2234)	235 (5949)	217 (5497)	39 (1000)	57 (1452)		
194 (4950)	92 (2334)	244 (6184)	226 (5732)	43 (1100)	61 (1552)		
218 (5550)	100 (2534)	268 (6784)	250 (6332)	51 (1300)	68 (1752)		

S100FT/S100FT BCS MAST DIMENSIONS								
Maximum Fork Height	Overall Lowered Height	Overall Extended Height		Free-Lift (TOF)				
(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)	85 (2138)	159 (4031)	144 (3657)	6 (160)	6 (160)			
133 (3400)	96 (2438)	183 (4631)	168 (4257)	6 (160)	6 (160)			
157 (4000)	108 (2738)	206 (5231)	192 (4857)	6 (160)	6 (160)			
2-STAGE FULL FR	2-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST							
111 (2825)	85 (2138)	160 (4056)	147 (3731)	35 (907)	48 (1232)			
134 (3425)	96 (2438)	184 (4656)	171 (4331)	47 (1207)	60 (1532)			
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST								
163 (4147)	85 (2138)	212 (5378)	200 (5058)	35 (907)	48 (1227)			
185 (4700)	92 (2338)	234 (5931)	221 (5611)	43 (1107)	56 (1427)			
208 (5300)	100 (2538)	258 (6531)	245 (6211)	51 (1307)	64 (1627)			

Maximum Fork Height	Overall	Overall Extended Height		Free-Lift (TOF)			
(TOF) † Lowered Height	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)	85 (2138)	159 (4031)	144 (3657)	6 (160)	6 (160)		
133 (3400)	96 (2438)	183 (4631)	168 (4257)	6 (160)	6 (160)		
157 (4000)	108 (2738)	206 (5231)	192 (4857)	6 (160)	6 (160)		
2-STAGE FULL FR	EE-LIFT (FFL) VIST	A <sup>™</sup> MAST					
111 (2825)	85 (2138)	160 (4056)	147 (3731)	35 (907)	48 (1232)		
134 (3425)	96 (2438)	184 (4656)	171 (4331)	47 (1207)	60 (1532)		
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST							
163 (4147)	85 (2138)	212 (5378)	200 (5058)	35 (907)	48 (1227)		
185 (4700)	92 (2338)	234 (5931)	221 (5611)	43 (1107)	56 (1427)		
208 (5300)	100 (2538)	258 (6531)	245 (6211)	51 (1307)	64 (1627)		

S120FT PRS MAST DIMENSIONS								
Maximum Fork Height	Overall	Overall Extended Height		Free-Lift (TOF)				
(TOF) † Lowered He	Lowered Height	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)	85 (2138)	N/A	144 (3657)	N/A	6 (160)			
133 (3400)	96 (2438)	N/A	168 (4257)	N/A	6 (160)			
157 (4000)	108 (2738)	N/A	192 (4857)	N/A	6 (160)			
2-STAGE FULL FR	2-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST							
111 (2825)	85 (2138)	N/A	147 (3731)	N/A	48 (1232)			
134 (3425)	96 (2438)	N/A	171 (4331)	N/A	60 (1532)			
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST								
163 (4147)	85 (2138)	N/A	200 (5058)	N/A	48 (1227)			
185 (4700)	92 (2338)	N/A	221 (5611)	N/A	56 (1427)			
208 (5300)	100 (2538)	N/A	245 (6211)	N/A	64 (1627)			

# STANDARD FEATURES AND OPTIONS

#### **STANDARD EQUIPMENT**

- · Kubota 3.8L, 4 cylinder spark ignited engine
- 1 speed powershift transmission
- · Electronic inching
- · Heavy duty premium wet disc brakes
- MONOTROL® pedal
- 2-stage limited free-lift (LFL) VISTA™ mast with maximum fork height of 133" (2400 mm)
- 48.0" (1219 mm) wide hook-type carriage with 48.0" (1219) tall load backrest extension
- 48.0" (1219 mm) long forks
- 6 degrees forward and 10 degrees backward mast tilt
- · 3-function hydraulic control valve
- · Integrated dashboard display includes:
- LCD display:
  - Fuel level (diesel only)
  - Hour meter
  - Coolant temperature
  - Clock
  - Messages
- · Service indicator lights:
  - Alternator
  - Transmission oil temperature
  - Engine oil pressure
  - Brake fluid level
  - Fasten seat belt
  - Low fuel level
  - Engine malfunction
  - System malfunction
  - Park brake
  - Coolant temperature
  - Forward, reverse and neutral direction indicators
- · Hydrostatic power steering
- · Non-suspension vinyl seat
- · No-cinch seat belt
- Electronic horn
- · Adjustable steer column
- Rubber floor mat
- · High air intake
- Integral tie downs
- Operator restraint system
- Combi-cooler radiator
- Single pedal inch brake
- · Cowl-mounted hydraulic control levers
- Swing out LPG tank bracket

#### **OPTIONAL EQUIPMENT**

- DuraMatch 2 speed electronically controlled transmission
- · Electronic inching
- · Electronic shift control
- Controlled roll back on ramps
- · Controlled power reversal
- · Auto deceleration
- LED lights (brake/tail/back-up)
- · Powertrain protection system
- · Premium monitoring
- · High air intake with precleaner
- Accumulator
- · Keyless start (with auxiliary key switch)
- · Dual LPG tank bracket
- · Return to set tilt
- · TouchPoint hydraulic mini-levers with fully adjustable armrest
- · Rear drive handle with horn button
- · 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 or delayed shutdown
- · Load weight display
- · Operator pre-shift checklist
- · Dual-inch brake pedals
- · Operator password protection
- Audible reverse activated 82-102 dB(A) self-adjusting alarm
- Visible amber LED strobe light continuously activated, overhead guard mounted
- · Parts publications printed or CD, serial number specific
- · UL Classification D, LPS, DS
- Various light packages available with halogen or high intensity LED:
  - Two front and one rear work lights
  - Two front, one rear work light and two brake/tail/back-up lights







Hyster Company P.O. Box 7006 Greenville, North Carolina 27835-7006 Part No. S80-120FT/TG 1/2020 Litho in U.S.A. Visit us online at www.hyster.com or call us at 1-800-HYSTER-1.

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