

CUSHION TIRE 3,000 - 4,000 LB

PRODUCT BROCHURE

S30-40A



DISTINCTLY HYSTER®, BUILT FOR YOU.

Built on a scalable platform, the Hyster A Series can be easily configured to match your unique operational requirements. With a 3,000–4,000 lb capacity range and a heavy-duty, EPA-certified Yanmar 2.2L LPG engine, the Hyster S30-40A will raise the bar for what you expect from a lift truck in a wide range of applications and environments.



DID YOU KNOW?

The scalable platform of the Hyster S30-40A allows each truck to be configured from the ground up to match a wide range of applications and environments.



CONVENIENT ENTRY AND EXIT

A large step and grab handle, contoured hood and flip up armrests help make it easy for the operator to get in and out of the truck.



SPACIOUS OPERATOR COMPARTMENT

Roomy operator compartment with ample floor space and a wide range of seat adjustment helps the operator to find a comfortable position, stretch their legs, and stay comfortable for long shifts.



EXCELLENT VISIBILITY

A low dash and wide mast window provide excellent visibility through the mast, enhanced visibility of fork tips and load when picking at height, and excellent visibility when traveling forward.



DYNAMIC STABILITY SYSTEM (DSS)

An innovative, maintenance-free system that promotes operating best practices by implementing truck performance limitations to help minimize forward and sideways tip-overs.¹



HEAVY-DUTY INDUSTRIAL YANMAR ENGINE

Utilizes a heavy-duty EPAcertified Yanmar 2.2L LPG engine designed with extended preventive maintenance service intervals for continuous, heavy use.

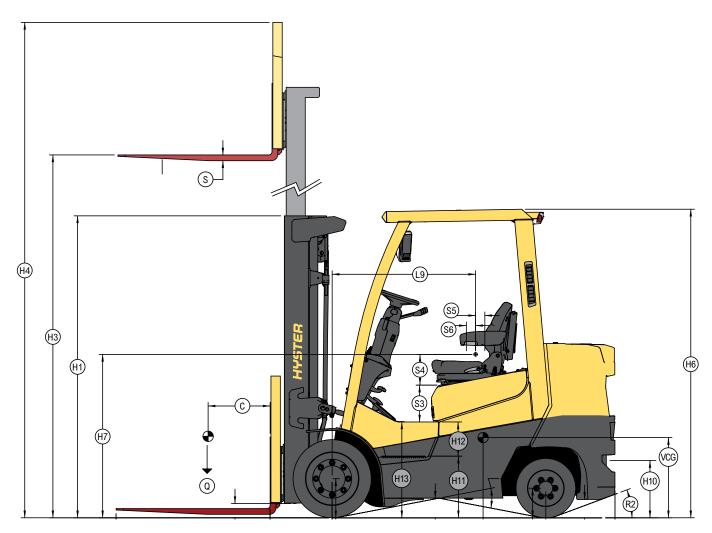


DEPENDABLE HIGH PERFORMANCE TECHNOLOGY

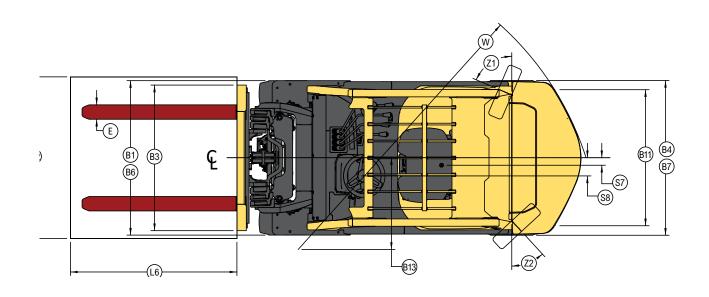
Engineered with a reliable, aluminum transmission and robust steer axle with tapered roller bearings to help minimize downtime and simplify service.

¹ While lift truck systems support safe operation and help minimize the potential for tip overs, proper operation of the lift truck and 100% full-time utilization of the truck's seat belt are the primary and best means of keeping the truck and operator upright and safe. Refer to the operator and service manuals for proper operation and maintenance.

S30-40A



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



S30-35A, S40AS MAST DIMENSIONS

Maximum	Overall Lowered	Overall Extended Height		Free Lift Height (Top of Fork)	
Lift Height (Top of Fork)	Height	without LBR	with 48-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
2-STAGE LIMITED F	REE LIFT (LFL) MAST				
79.8 (2025)	60.2 (1530)	103 (2610)	128 (3250)	3.5 (90)	
124 (3160)	81.9 (2080)	147.5 (3750)	172.5 (4380)		
2-STAGE FULL FREE	LIFT (FFL) MAST				
117.5 (2990)	78.0 (1980)	140.5 (3570)	166 (4210)	53.5 (1360)	30 (760)
125.5 (3190)	81.9 (2080)	148.5 (3770)	174 (4410)	57.5 (1460)	33.5 (860)
3-STAGE FULL FREE	LIFT (FFL) MAST				
175 (4450)	78.0 (1980)	198 (5030)	223.5 (5670)	53.5 (1360)	30 (760)
181 (4600)	79.9 (2030)	204 (5180)	229.5 (5820)	55.5 (1410)	31.5 (810)
187 (4750)	81.9 (2080)	210 (5330)	235 (5970)	57.5 (1460)	33.5 (860)
198.5 (5050)	87.8 (2230)	222 (5630)	247 (6270)	63.5 (1610)	39.5 (1010)
216.5 (5500)	93.7 (2380)	239.5 (6080)	265 (6720)	69 (1760)	45.5 (1160)

S30-40A SPECIFICATIONS

_	1	Manufactura				Ukratan Camanani	
	2	Manufacturer name Model			\$30A	Hyster Company S35A	S40AS
	3				330A	Yanmar 2.2L	340A3
		Engine Person time. LPC discollative final					
2 ≥	4	Power type - LPG, diesel, dual fuel				LPG	
GENERAL	5	Operator type	0	W (4.)	0000 (4000)	Seated	4000 (4040)
2	6	Rated capacity	Q	lbs. (kg)	3000 (1360)	3500 (1590)	4000 (1810)
	7	Load center distance	С	in. (mm)		24.0 (610)	
	8	Length, center of drive wheel to face of forks	X	in. (mm)		15.5 (393)	
	9	Wheelbase	Y	in. (mm)	0040 (0000)	52.4 (1330)	0070 (0400)
阜	10	Weight, Standard Truck NL		lbs. (kg)	6210 (2820)	6480 (2940)	6970 (3160)
WEIGHT	11	Weight, Standard Truck RL		lbs. (kg)	9210 (4180)	9980 (4530)	10970 (4980)
₹	12	Axle Loading Front/Rear NL		lbs. (kg)	2760/3450 (1250/1570)	2690/3785 (1220/1720)	2570/4400 (1170/1990)
	13	Axle Loading Front/Rear RL		lbs. (kg)	8020/1190 (3640/540)	8830/1150 (4005/520)	9590/1380 (4350/630)
S	14	Tire type - cushion, solid, pneumatic				Cushion	
TIRES	15	Tire size, front			18 x 6 x 12.1		x 12.1
	16	Tire size, rear				15 x 5 x 11.25	
	17	Wheels, number front/rear (x = driven wheels)				2 x/2	
	18	Mast tilt angles, forward/backward	α/β	degrees		6/5	
	19	Height, Mast Lowered	H1	in. (mm)		82.5 (2100)	
	20	Lift Height, Top of Fork (TOF)	H3	in. (mm)		124.4 (3160)	
	21	Free Lift Height, Limited Free Lift Mast (TOF)	21	in. (mm)		3.5 (90)	
	22	Height of Overhead Guard	H6	in. (mm)		81.8 (2078)	
	23	Step height	H11	in. (mm)		15.8 (401)	
	24	Tow pin height	H10	in. (mm)		11.9 (302)	
	25	Height of Counterweight	26	in. (mm)		44.2 (1120)	
	26	Length to face of forks	L2	in (mm)	83.8 (2128)	84.6 (2148)	86.7 (2201)
S	27	Rear Overhang (Steer Axle Center to Counterweight)	Z	in. (mm)	15.9 (405)	16.7 (425)	18.8 (478)
<u> </u>	28	Departure angle	R2	degrees (%)		21.5 (39)	
DIMENSIONS	29	Overall width, standard tread	B1	in.(mm)		37.4 (950)	
W	30	Overall width, wide tread	B6	in. (mm)		42.3 (1074)) T
	31	Forks, thickness x width x length	SxExL	in. (mm)	1.	6 x 3.9 x 42 (40 x 100 x 106	07)
	32	Standard Carriage Width	B3	in. (mm)		35.7 (907)	
	33	Maximum fork spread, outside edge to edge	33	in. (mm)		30.4 (773)	
	34 35	Maximum fork spread, outside edge to edge w/ fork positioner Ground clearance below mast RL	M1	in. (mm)		30.8 (782)	
	36	Ground clearance below mast KL Ground clearance, center of wheelbase NL	M2	in. (mm)		3.2 (81) 3.7 (93)	
	37	Breakover angle	R1	degrees (%)		19 (34)	
	38	Aisle width, right angle stack (add length of load and clearance)	AST	in. (mm)	87.5 (2222)	88.2 (2240)	90.0 (2286)
	39	Equal Aisle, 90-Degree Intersecting Aisle	AW	in. (mm)	69.4 (1763)	71.4 (1815)	72.3 (1835)
	40	Outside turning radius (OTR)	W	in. (mm)	72.1 (1832)	72.8 (1850)	74.6 (1896)
	41	Travel Speed RL/NL	**	mph (km/h)	72.1 (1002)	11.0/10.8 (17.7/17.5)	74.0 (1000)
	42	Lift Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)		116/120 (0.59/0.61)	
	43	Lift Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)		118/118 (0.60/0.60)	
병	44	Lift Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)		112/118 (0.57/0.60)	
AN	45	Lowering Speed, Standard 2-Stage LFL RL/NL		ft/min (m/s)		114/92.5 (0.58/0.47)	
Mg	46	Lowering Speed, Optional 2-Stage FFL RL/NL		ft/min (m/s)		112/85.6 (0.57/0.44)	
6	47	Lowering Speed, Optional 3-Stage FFL RL/NL		ft/min (m/s)		112/85.6 (0.57/0.44)	
PERFORMAN	48	Drawbar Pull @ 1mph (1.6kph) RL/NL		lbs. (kg)	3280/1690 (1490/770)	3270/1650 (1480/750)	3250/1560 (1470/710)
÷	49	Maximum Drawbar Pull RL/NL		lbs. (kg)	3940/1690 (1790/770)	3920/1650 (1780/750)	3910/1560 (1770/710)
	50	Gradeability @ 1mph (1.6kph) RL/NL		%	37	33	30
	51	Engine manufacturer and model				Yanmar 2.2L	
	52	Power output @ RPM		hp (kW)		56 (42) @ 2530	
	53	Torque @ RPM		ft-lbs. (N-m)		128 (174) @ 1690	
	54	Number of cylinders/displacement		cc (ci)		4/2189 (134)	
I I	55	Battery type				Maintenance free	
꽃	56	Volts/cold cranking amps		V/A		12/500	
픘	57	Transmission type, standard				Electronic powershift	
POWERTRAIN	58	Standard speeds, forward - reverse				1 - 1	
	59	Auxiliary hydraulic pressure relief for attachments		psi (MPa)		2610 (18)	
	60	Oil flow for attachments		gal/min (L/min)		10.6 (40)	
	61	Hydraulic Tank Capacity (Drain and Refill)		gal (L)		9.8 (37)	
	62	Fuel Tank Capacity (Gas & Diesel Powered Units Only)		gal (L)		9.4 (36)	
NOTE:	Above spe	ecifications, unless otherwise listed, are for a standard truck without optional e	auinment RI	= Rated Load NL = No	Load [1] Add 1.3 in (34)	mm) when equipped with In	tegral Sideshifting Carriage

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = Rated Load NL = No Load [1] Add 1.3 in. (34mm) when equipped with Integral Sideshifting Carriage. 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. 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.

S30-40A FEATURES AND OPTIONS

Engine - Yanmar 2.2L EPA-certified LPG Powershift transmission Roward Stransmission Roward	POWERTRAIN	STD	OPT
Powershift transmission Duramatch" transmission Sakes - self energizing drum Key switch start Keyless start with operator password High air intake with pre-cleaner High air intake with pre-cleaner Heavy-duty high air intake with or without pre-cleaner Swing-out LPG tank bracket LPG tank bracket Swing-out and drop down LPG tank bracket LPG tank bracket interlock Exhaust wraps XSingle pedal inch brake Dual pedal inc			OFT
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36" wide hook type carriage 36" wide hook type integral sideshift carriage 36" wide hook type integral sideshifting fork positioner carriage 4	2-stage full free lift mast		х
36" wide hook type integral sideshift carriage 36" wide hook type integral sideshifting fork positioner carriage Hook type standard taper forks Hook type polished & full bottom taper forks X 48" high load backrest extension X 36" high load backrest extension Mast tilt - 6° forward/5° back X Mast tilt - 10° forward/5° back X X X X Mast tilt - 10° forward/5° back X Tilt cylinder boots Hydraulic accumulator Laser level line X LIFT OPTIONS - HYDRAULICS Mini-lever hydraulic controls X Hydraulic controls for use with clamping attachments X Hydraulic controls with return to set tilt X 3 function (1 auxiliary) hydraulic control valve 4 function (2 auxiliary) hydraulic control valve Auxiliary function hose groups Attachment extension tubes, with or without quick disconnects High temperature hydraulic fluid CHASSIS - WHEELS & TIRES Standard tread width X Wide tread width Smooth cushion tires X Non-marking smooth cushion tires X X	3-stage full free lift mast		х
36" wide hook type integral sideshifting fork positioner carriage Hook type standard taper forks ***X** **Hook type polished & full bottom taper forks **X** **48" high load backrest extension **X** **36" high load backrest extension **Mast tilt - 6° forward/5° back **Mast tilt - 10° forward/5° back **X** **Mast tilt - 10° forward/5° back **X** **Hydraulic accumulator **Laser level line **LIFT OPTIONS - HYDRAULICS **Mechanical lever hydraulic controls **Mini-lever hydraulic controls **Hydraulic controls for use with clamping attachments **Hydraulic controls with return to set tilt **X** **Hydraulic (2 auxiliary) hydraulic control valve **A function (2 auxiliary) hydraulic control valve **A cuxiliary function hose groups **Attachment extension tubes, with or without quick disconnects **High temperature hydraulic fluid **CHASSIS - WHEELS & TIRES **Standard tread width **X** **Wide tread width **X** **Non-marking smooth cushion tires **X** **X** **Non-marking smooth cushion tires **X** **X** **X** **Non-marking smooth cushion tires **X** **X*	36" wide hook type carriage	х	
Hook type standard taper forks Hook type polished & full bottom taper forks X 48" high load backrest extension X 36" high load backrest extension Mast tilt - 6° forward/5° back X Mast tilt - 10° forward/5° back X X Mast tilt - 10° forward/5° back X X Hydraulic accumulator Laser level line X LIFT OPTIONS - HYDRAULICS Mini-lever hydraulic controls X Hydraulic controls for use with clamping attachments X Hydraulic controls with return to set tilt X 3 function (1 auxiliary) hydraulic control valve 4 function (2 auxiliary) hydraulic control valve Auxiliary function hose groups Attachment extension tubes, with or without quick disconnects High temperature hydraulic fluid CHASSIS - WHEELS & TIRES Standard tread width X Wide tread width Smooth cushion tires X Non-marking smooth cushion tires	36" wide hook type integral sideshift carriage		х
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Tilt cylinder boots		х	
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Attachment extension tubes, with or without quick disconnects High temperature hydraulic fluid CHASSIS - WHEELS & TIRES STD OPT Standard tread width X Wide tread width X Smooth cushion tires Non-marking smooth cushion tires X			
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Standard tread width x Wide tread width x Smooth cushion tires x Non-marking smooth cushion tires x		STD	
Wide tread width x Smooth cushion tires x Non-marking smooth cushion tires x			
Smooth cushion tires x Non-marking smooth cushion tires x			х
Non-marking smooth cushion tires x		х	
			х
Luggeu cusmon tires X	Lugged cushion tires		x

CHASSIS	STD	OPT
Dynamic Stability System (DSS)	х	
Belly screen		х
Drive axle string cutters		Х
Hyster Tracker™ wireless monitoring		Х
Hyster Tracker™ wireless access		Х
Hyster Tracker™ wireless verification		Х
CHASSIS - OPERATOR COMPARTMENT	STD	OPT
83" rectangular tube operator compartment	Х	
Grid style overhead guard	х	
Directional lever direction control	х	
MONOTROL® directional control pedal		х
Seat side directional control		Х
Steering wheel with spinner knob	х	
Steering wheel without spinner knob		Х
Tilt steering column - infinitely adjustable with 26 degree range	х	
Telescopic steering column		х
2.8" color touchscreen operator display	х	
5" color touchscreen operator display		х
Non-suspension vinyl seat	х	
Non-suspension cloth seat		х
Full suspension seat, vinyl or cloth		х
Low-profile full suspension vinyl seat		х
Seat belt - black - no-cinch with ELR (emergency locking retractor)	х	
Seat belt - high-visibility red - no-cinch with ELR		х
Seat belt - high-visibility red - no-cinch with ELR + start interlock		х
Seat belt - high-visibility red - no-cinch with ELR + start interlock CHASSIS - OPERATOR COMPARTMENT ACCESSORIES	STD	X OPT
	STD	
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES	STD	OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post	STD	OPT X
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm	STD	OPT X X
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors	STD	OPT x x x
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror	STD	OPT X X X
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button	STD	OPT X X X X
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply	STD	OPT X X X X X
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports	STD	OPT x x x x x x x
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan	STD	OPT x x x x x x x x
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights Reverse-activated rear work light		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control		OPT
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CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control Automatic (ambient) work light control LED brake/tail/backup tail light package, with or without turn signals		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control Automatic (ambient) work light control LED brake/tail/backup tail light package, with or without turn signals Visible alarm amber strobe - keyswitch activated		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control Automatic (ambient) work light control LED brake/tail/backup tail light package, with or without turn signals Visible alarm amber strobe - keyswitch activated Blue LED pedestrian awareness spot light - front, rear or both		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control Automatic (ambient) work light control LED brake/tail/backup tail light package, with or without turn signals Visible alarm amber strobe - keyswitch activated Blue LED pedestrian awareness spot light - front, rear or both Red LED pedestrian awareness perimeter lights - left and right		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control Automatic (ambient) work light control LED brake/tail/backup tail light package, with or without turn signals Visible alarm amber strobe - keyswitch activated Blue LED pedestrian awareness spot light - front, rear or both Red LED pedestrian awareness spot light - front, rear or both		OPT
CHASSIS - OPERATOR COMPARTMENT ACCESSORIES Accessory mounting post Swing-out accessory arm Dual side view mirrors Single panoramic mirror Rear drive handle with horn button 12 volt auxiliary supply 12 volt power supply with 2 USB charging ports Operator fan Fire extinguisher LIGHTS & ALARMS Halogen work lights LED work lights Reverse-activated rear work light Key activated work light control Automatic (ambient) work light control LED brake/tail/backup tail light package, with or without turn signals Visible alarm amber strobe - keyswitch activated Blue LED pedestrian awareness spot light - front, rear or both Red LED pedestrian awareness spot light - feront, rear or both Red pedestrian awareness perimeter lights - left, right and rear		OPT





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