

Outdoor and Indoor Electric Lift Truck

B-X Series

25/30/32/35B-X

5,000-7,000 lbs. capacities



HYUNDAI
MATERIAL HANDLING
NO ONE DELIVERS MORE

Get more of what you're looking for:
THE B-X SERIES FROM HYUNDAI

The B-X Series brings forklift owners a new level of performance, convenience, and value. At the heart of the B-X Series is a design that dramatically reduces energy consumption to cut the cost of ownership. But throughout these rugged machines are innovative features that improve reliability, simplify servicing, enhance safety, and offer a level of operator comfort unsurpassed in the industry.

Greater durability. Improved stability. Superior ergonomics. The new B-X Series is engineered to raise the productivity of your entire operation as it saves you money — shift after shift, year after year.



DEEP DROP DESIGN IMPROVES VEHICLE STABILITY

In this design, the battery is located between the front and rear wheels creating a low center of gravity and acting as a balancing element enhancing driving safety and stability especially when handling elevated loads. Other safety features include:

- Hill assist control
- Operator Presence Sensing System (OPSS)
- Optional travel speed limiter
- Customizable maximum travel speed settings



MULTIFUNCTION CLUSTER OPTIMIZES PERFORMANCE

This advanced digital system clearly displays essential operational information in real time. It also includes buttons for easy setting of travel speed and mast operating speeds to match work conditions. You'll find innovations everywhere:

- Onboard diagnostics, data logging, safety features, and maintenance tracking keep operators and technicians informed
- Speed, direction and operating hours are clearly shown
- Load weight indicator with overload warning system



RUGGED, ENERGY-EFFICIENT DEDICATED DRIVE AXLE

The unique design of this dedicated drive axle for the single drive motor offers low resistance and reduced noise generation. The result? Dramatically improved energy efficiency and the lowest level of driving noise in its class for lower operating costs with enhanced operator comfort. It also includes a wet disc brake for reduced maintenance and greater reliability.



OPTIONAL CAB WITH ADVANCED A/C AND HEATER SYSTEMS

The B-X is available with an ergonomically focused cab. For maximum operator comfort and productivity in all work environments, you can configure the cab with a top-of-the-line heater that supplies warm air separately to the operator's upper and lower body, or an AC with four air outlets that diffuse cool air all around the cabin, or both.



HIGH-PERFORMANCE LITHIUM-ION BATTERY

The optional Li-ion battery features rapid charging in just 2 hours and delivers outstanding performance with a lower cost of ownership. It requires no daily maintenance and eliminates the need to swap batteries at shift changes. Highly efficient, Li-ion batteries offer up to 15% savings on electric bills, while delivering fast lifting and travel speeds.

HiMATE



HI-MATE MANAGEMENT SYSTEM

Hi-Mate is one of the industry's most advanced remote management system. With continuous data collection, Hi-Mate delivers more communication, control, and ability to track, monitor, maintain, and manage your forklift fleet. It is the proven way to efficiently coordinate both your equipment and human resources.

The B-X Series brings you even more advantages.

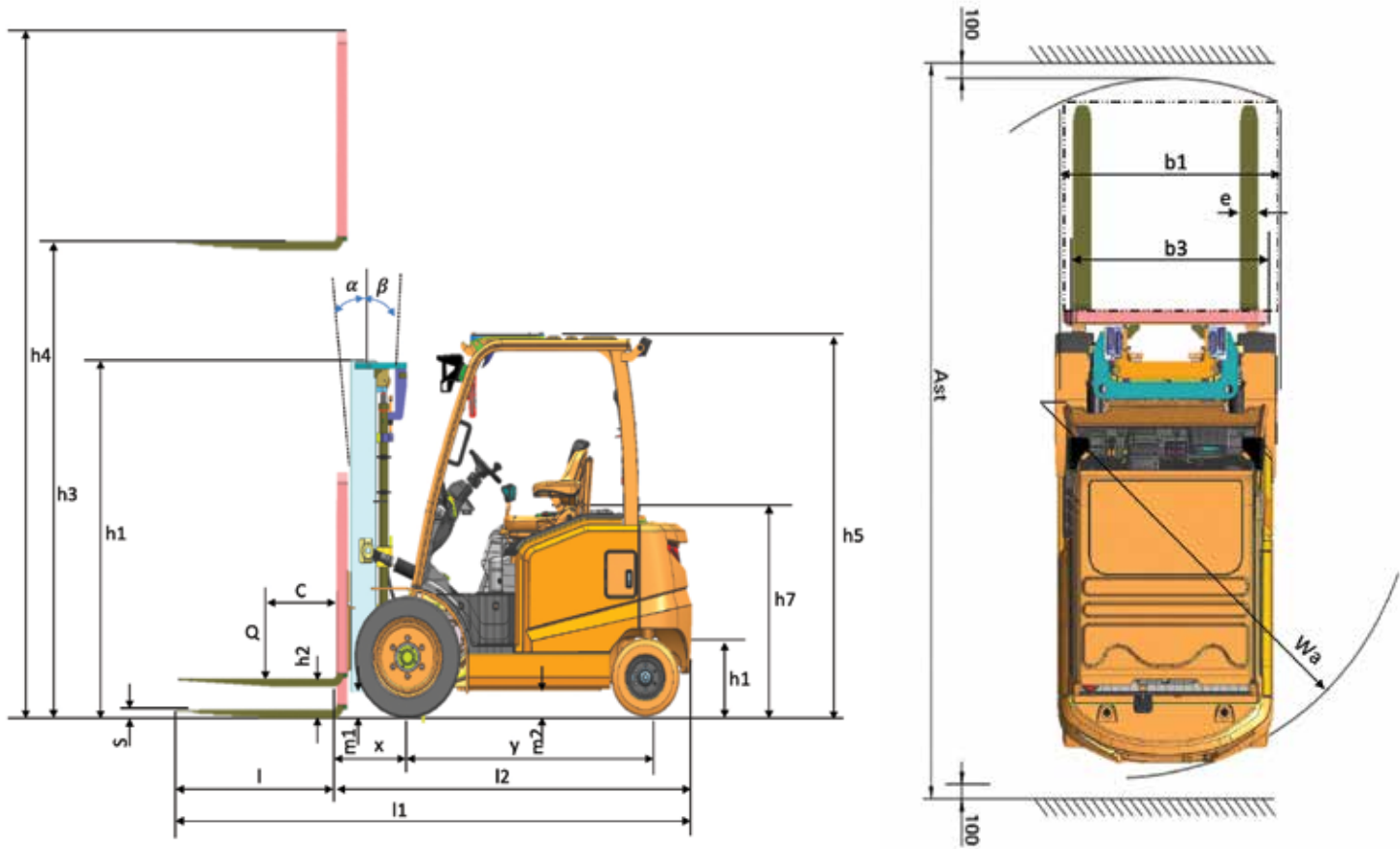
- Optional auto-tilting feature stops forks at a position parallel to the ground enhancing safety and efficiency when loading and unloading pallets from racks at high elevations
- Optional rear grip bar with horn allows the driver to maintain a stable, convenient posture during rear driving
- LED headlamp, rear work lamp, and combination lamp provide higher visibility than conventional lamps and offers semi-permanent service life
- State-of-the-art hydraulic control system matches the output of the hydraulic motor to the action required delivering greater reliability with minimal maintenance
- The steering wheel has been reduced by over 1.5" for simpler, smoother operation
- Hill assist control prevents rolling back after coming to a stop on inclines or declines
- OPSS restricts driving, lifting, and tilting whenever the operator leaves the driver's seat
- Password setting system protects the machine from unsupervised use and theft
- Optional seatbelt interlock stops the forklift if the seatbelt is not fastened
- Curtis Controller with a unique cooling system for greater reliability and power system failure self-diagnostics
- Simplified side battery replacement & convenient battery charging

Specifications

Identification							
	Manufacturer			Hyundai			
	Manufacturer's Type Designation			25B-X	30B-X	32B-X	35B-X
1.1	Drive: Electric (Battery or Mains), Diesel, Petrol, Fuel Gas, Manual			Electric-48V	Electric-48V	Electric-48V	Electric-48V
1.2	Type of Operation : Hand, Pedestrian, Standing, Seated, Order-Picker			Seated	seated	seated	seated
1.3	Load Capacity / Rated Load	Q	lb	5,000	6,000	6,400	7,000
1.4	Load Center Distance	c	in	24	24	24	24
1.5	Load Distance, Center of Front Axle to Fork	x	in	19.5	19.5	19.5	19.5
1.6	Wheelbase	y	in	62	65	65	65
Weights							
2.1	Service Weight		lb	10,362	11,330	11,771	12,317
2.2	Axle Loading, Loaded Front/Rear		lb	13,940/1,870	15,620/2,103	16,559/2,267	17,522/2,511
2.3	Axle Loading, Unloaded Front/Rear		lb	5,035/5,329	5,329/6,003	5,346/6,424	5,258/7,059
Wheels, Chassis							
3.1	Tires: SolidRubber(V), Superelastic(SE), Pneumatic(P), Polyurethane(PE)			P, SE	P, SE	P, SE	P, SE
3.2	Tires Size, Front (ø x Width)			28x9-15	28x9-15	28x9-15	28x9-15
3.3	Tires Size, Rear (ø x Width)			18x7-8	18x7-8	18x7-8	18x7-8
3.5	Wheels, Number Front Rear (x=Driven Wheels)			2x/2	2x/2	2x/2	2x/2
3.6	Track Width, Front	b10	ln	40	40	40	40
3.7	Track Width, Rear	b11	in	39	39	39	39
Basic Dimensions							
4.1	Mast/Fork Carriage Tilt Forward / Backward		deg	6/10	6/10	6/10	6/10
4.2	Lowered Mast Height	h1	ln	86	86	86	86
4.3	Free Lift	h2	ln	6	6	6	6
4.4	Lift Height	h3	ln	130	130	130	130
4.5	Extended Mast Height	h4	ln	177	177	177	177
4.7	Overhead Load Guard (Cab) Height	h5	ln	85	85	85	85
4.8	Seat Height / Standing Height	h7	ln	47	47	47	47
4.12	Coupling Height	h10	ln	18	18	18	18
4.19	Overall Length	l1	in	134	134	134	134
4.20	Length to Face of Forks	l2	ln	92.5	95	97	99
4.21	Overall Width	b1	in	48	48	48	48`
4.22	Fork Dimensions	L x W x H	in	2x4x41	2x4x41	2x4x41	2x4x41
4.23	Fork Carriage ISO 2328, Class / Type A,B			II/A	III/A	III/A	III/A
4.24	Fork-Carriage Width	b3	in	43	43	43	43
4.31	Ground Clearance, Loaded, Under Mast	m1	in	5	5	5	5
4.32	Ground Clearance, Center of Wheelbase	m2	ln	6	6	6	6
4.34.1	Aisle Width for Pallets 1000x1200 Crossways	Ast	in	147	150	152	153
4.34.2	Aisle Width for Pallets 800x1200 Lengthways	Ast	in	155	158	160	161
4.35	Turning Radius	Wa	in	82	84	86	88
Performance Data							
5.1	Travel Speed, Loaded / Unloaded(48v)		mph	10/11	10/11	10/11	10/11
5.2	Lift Speed, Loaded / Unloaded(48v)		in/s	14/24	13/24	12/20	11/20
5.3	Lowering Speed, Loaded /Unloaded		in/s	24/24	24/24	24/24	24/24
5.6	Max. Drawbar Pull, Loaded / Unloaded S2 5min		LBF	2,867 / 3,103	2,614 / 2,830	3,595 / 2,821	2,544 / 2,873
5.8	Max. Gradient Performance, Loaded / Unloaded S2 5min		%	18.5	15.5	14.5	12.5
5.10	Service Brake			hydr.	hydr.	hydr.	hydr.
Motor & Battery							
6.1	Drive Motor Rating S2 60min (48v)		kW	14.0	14.0	14.0	14.0
6.2	Lift Motor Rating at S3 20%(S2 10min) (48v)		kW	15.0	15.0	15.0	15.0
6.4	Battery Voltage, Nominal Capacity K5 (Option)		V /Ah	48 / 600(721)	48 / 700(841)	48 / 700(841)	48 / 7 00(841)
6.5	Battery Compartment*	L x W x H	in	38.5 x 18.34 x 29.9	37.01 x 21.06 x 29.9	37.01 x 21.06 x 29.9	37.01 x 21.06 x 29.9
6.6	Battery Weight		lb	2,204	2,535	2,535	2,535
6.7	Energy Consumption Acc. to VDI Cycle		kWh/h	7.3	8.4	8.9	9.6
Additional Data							
8.1	Type of Drive Control			AC	AC	AC	AC
8.2	Operating Pressure for Attachments		bar	190/130	190/130	190/130	190/130
8.4	Sound Level at Driver's Ear According to DIN 12053		dB(A)	70.5	70.5	70.5	70.5

* In this case the Length = the dimension from the left side of the rear counterweight to the right.
The Width = the dimension from the rear of the truck to the forks.

Dimensions

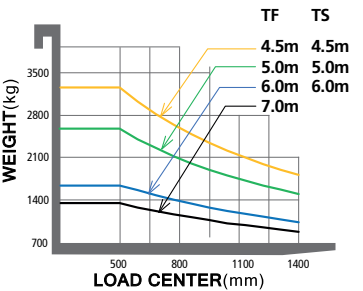
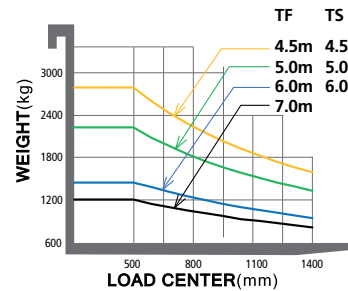
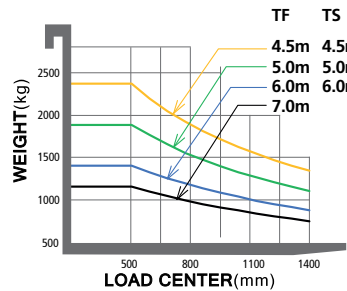
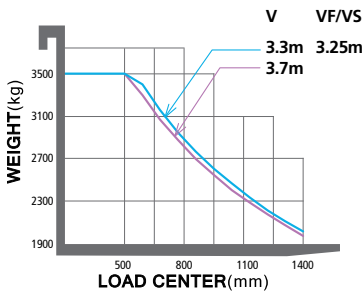
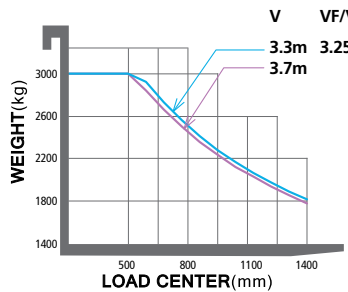
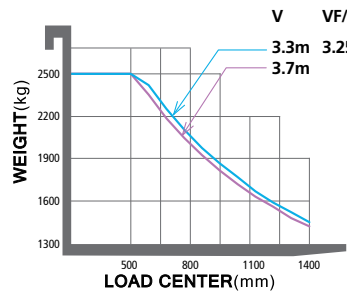


Load Capacity

25B-X

30B-X

35B-X



25B-X											
Mast Type		Maximum Fork Height	Overall Height (Lowered)	Free Lift Height			Tilt Angle		Load capacity without Side shift	Load capacity with Integral Side shift	Truck Weight (Unloaded)
				With Load Backrest	Without Load Backrest	Without Load Backrest 3/4-SPOOL	Fwd	Bwd	24n LC	24n LC	
2 Stage Limited Free Lift	V300	118	80	6	6	6	6	10	5,000	5,000	9,998
	V330	130	86	6	6	6	6	10	5,000	4,980	10,042
	V350	138	90	6	6	6	6	10	5,000	4,890	10,080
	V370	146	96	6	6	6	6	10	5,000	4,830	10,128
	V400	158	102	6	6	6	6	10	5,000	4,700	10,194
	V450	177	113	6	6	6	6	6	4,850	4,520	10,375
2 Stage Full Free Lift	VF325	129	86	60	60	60	6	6	5,000	4,960	10,117
3 Stage Full Free Lift	TF430	169	80	33	54	50	6	6	4,890	4,560	8,877
	TF450	177	84	37	58	56	6	6	4,830	4,500	10,383
	TF470	185	86	39	60	56	6	6	4,760	4,430	10,412
	TF500	197	90	43	64	60	6	6	3,880	3,590	10,461
	TF550	217	98	51	72	70	6	6	3,220	2,980	10,549
	TF600	236	106	59	80	78	6	6	2,910	2,690	10,069
	TF650	256	113	67	80	75	3	3	2,820	2,600	10,794
	TF700	276	121	75	88	83	3	3	2,400	2,200	10,878
	TS430	169	80	33	54	45	6	6	4,890	4,560	8,877
	TS450	177	84	58	58	53	6	6	4,830	4,500	10,383
	TS470	185	86	60	60	51	6	6	4,760	4,430	10,412
	TS500	197	90	64	64	55	6	6	3,880	3,590	10,461
	TS550	217	98	72	72	67	6	6	3,220	2,980	10,549
	TS600	236	106	80	80	75	6	6	2,910	2,690	10,069
4 Stage Full Free Lift	QF610	241	85	39	56	56	3	3	3,420	3,170	11,226
	QF700	276	97	50	67	67	3	3	2,310	2,120	11,424

30B-X											
Mast Type		Maximum Fork Height	Overall Height (Lowered)	Free Lift Height			Tilt Angle		Load Capacity without Side Shift	Load Capacity with Integral Side Shift	Truck Weight (Unloaded)
				With Load Backrest	Without Load Backrest	Without Load Backrest 3/4-SPOOL	Fwd	Bwd	24n LC	24n LC	
2 Stage Limited Free Lift	V300	118	80	6	6	6	6	10	6,000	6,000	10,961
	V330	130	86	6	6	6	6	10	6,000	5,970	11,005
	V350	138	90	6	6	6	6	10	6,000	5,860	11,045
	V370	146	96	6	6	6	6	10	6,000	5,800	11,095
	V400	158	102	6	6	6	6	10	6,000	5,670	11,164
	V450	177	113	6	6	6	6	6	5,890	5,470	11,329
2 Stage Full Free Lift	VF325	129	86	60	60	60	6	6	6,000	5,930	11,181
3 Stage Full Free Lift	TF430	169	80	33	54	50	6	6	5,890	5,470	11,448
	TF450	177	84	37	58	56	6	6	5,800	5,380	11,505
	TF470	185	86	39	60	56	6	6	5,710	5,290	11,536
	TF500	197	90	43	64	60	6	6	4,630	4,280	11,585
	TF550	217	98	51	72	70	6	6	3,640	3,330	11,682
	TF600	236	106	59	80	78	6	6	3,040	2,780	11,836
	TF650	256	113	67	80	75	3	3	2,930	2,670	11,949
	TF700	276	121	75	88	83	3	3	2,510	2,270	12,046
	TS430	169	80	33	54	45	6	6	5,890	5,470	11,448
	TS450	177	84	58	58	53	6	6	5,800	5,380	11,505
	TS470	185	86	60	60	51	6	6	5,710	5,290	11,536
	TS500	197	90	64	64	55	6	6	4,630	4,280	11,585
	TS550	217	98	72	72	67	6	6	3,640	3,330	11,682
	TS600	236	106	80	80	75	6	6	3,040	2,780	11,836
4 Stage Full Free Lift	QF610	241	85	39	56	56	3	3	3,550	3,260	12,248
	QF700	276	97	50	67	67	3	3	2,510	2,270	12,447

32B-X											
Mast Type		Maximum Fork Height	Overall Height (Lowered)	Free Lift Height			Tilt Angle		Load Capacity without Side Shift	Load Capacity with Integral Side Shift	Truck Weight (Unloaded)
				With Load Backrest	Without Load Backrest	Without Load Backrest 3/4-SPOOL	Fwd	Bwd	24n LC	24n LC	
2 Stage Limited Free Lift	V300	118	80	6	6	6	6	10	6,400	6,400	9,998
	V330	130	86	6	6	6	6	10	6,400	6,370	11,444
	V350	138	90	6	6	6	6	10	6,400	6,260	11,479
	V370	146	96	6	6	6	6	10	6,400	6,190	11,532
	V400	158	102	6	6	6	6	10	6,400	6,040	11,603
	V450	177	113	6	6	6	6	6	6,260	5,820	11,773
2 Stage Full Free Lift	VF325	129	86	60	60	60	6	6	6,400	6,310	11,654
3 Stage Full Free Lift	TF430	169	83	37	52	52	6	6	6,240	5,800	11,984
	TF450	177	87	41	56	56	6	6	6,150	5,710	12,033
	TF470	185	89	43	58	58	6	6	6,060	5,620	12,062
	TF500	197	93	46	62	62	6	6	5,160	4,760	12,112
	TF550	217	100	54	69	69	6	6	4,560	4,210	12,209
	TF600	236	108	62	77	77	6	6	3,130	2,870	12,368
	TF650	256	116	70	85	81	3	3	3,040	2,780	12,476
	TF700	276	124	78	93	89	3	3	2,620	2,380	12,564
	TS430	169	83	37	52	52	6	6	6,240	5,800	11,984
	TS450	177	87	41	56	56	6	6	6,150	5,710	12,033
	TS470	185	89	43	58	58	6	6	6,060	5,620	12,062
	TS500	197	93	46	62	62	6	6	5,160	4,760	12,112
	TS550	217	100	54	69	69	6	6	4,560	4,210	12,209
	TS600	236	108	62	77	77	6	6	3,130	2,870	12,368
4 Stage Full Free Lift	QF610	241	87	41	57	57	3	3	3,750	3,440	12,646
	QF700	276	99	53	276	276	3	3	2,730	2,490	12,846

35B-X											
Mast Type		Maximum Fork Height	Overall Height (Lowered)	Free Lift Height			Tilt Angle		Load Capacity without Side Shift	Load Capacity with Integral Side Shift	Truck Weight (Unloaded)
				With Load Backrest	Without Load Backrest	Without Load Backrest 3/4-SPOOL	Fwd	Bwd	24n LC	24n LC	
2 Stage Limited Free Lift	V300	118	80	6	6	6	6	10	7,000	7,000	11,940.2361
	V330	130	86	6	6	6	6	10	7,000	6,970	11,990.9424
	V350	138	90	6	6	6	6	10	7,000	6,880	12,026.2164
	V370	146	96	6	6	6	6	10	7,000	6,770	12,079.1273
	V400	158	102	6	6	6	6	10	7,000	6,610	12,149.6753
	V450	177	113	6	6	6	6	6	6,860	6,370	12,319.4312
2 Stage Full Free Lift	VF325	129	86	60	60	60	6	6	7,000	6,920	12,200
3 Stage Full Free Lift	TF430	169	83	37	52	52	6	6	6,830	6,350	12,531
	TF450	177	87	41	56	56	6	6	6,720	6,240	12,580
	TF470	185	93	43	58	58	6	6	6,640	6,170	12,608
	TF500	197	96	46	62	62	6	6	5,490	5,090	12,659
	TF550	217	93	54	69	69	6	6	4,940	4,560	12,756
	TF600	236	108	62	77	77	6	6	3,550	3,260	12,915
	TF650	256	116	70	85	81	3	3	3,330	3,040	13,023
	TF700	276	124	77	93	89	3	3	2,820	2,560	13,111
	TS430	169	83	37	52	52	6	6	6,830	6,350	12,531
	TS450	177	87	41	56	56	6	6	6,720	6,240	12,580
	TS470	185	93	43	58	58	6	6	6,640	6,170	12,608
	TS500	197	96	46	62	62	6	6	5,490	5,090	12,659
	TS550	217	93	54	69	69	6	6	4,940	4,560	12,756
	TS600	236	108	62	77	77	6	6	3,550	3,260	12,915
4 Stage Full Free Lift	QF610	241	87	41	567	57	3	3	4,010	3,700	13,192.4618
	QF700	276	99	53	69	69	3	3	2,950	2,690	13,393.0824

Standard & Optional Features

		Details	25B-X	30B-X	32B-X	35B-X			Details	25B-X	30B-X	32B-X	35B-X
OPERATOR'S COMPARTMENT	OHG	Overhead Guard (height 2,175mm)	●	●	●	●	HYDRAULIC	MCV & Hoses	3 Spool MCV	●	●	●	●
		Overhead Guard + Raincover	○	○	○	○			4 Spool MCV	○	○	○	○
	Cabin	Partial Cabin (Top, Front, Rear, Wiper)	○	○	○	○			Attached Piping for all MCVs & Masts	○	○	○	○
		2 Door Cabin	○	○	○	○		Hyd Oil	VG 68 Oil for Tropical Area	○	○	○	○
	A/C	A/C, Heater	○	○	○	○			VG 15 Oil for Cold Area (-13° F)	○	○	○	○
	Seat	Non Suspension Seat	●	●	●	●	TIRE	Tires	Solid Pneumatic Tire	●	●	●	●
		Non Suspension Seat + Arm Rest + Orange Belt + OPSS	○	○	○	○			Solid Pneumatic, Non-marking Tire	○	○	○	○
		Full Suspension Seat + Arm Rest + Orange Belt + OPSS	○	○	○	○	VISIBILITY	Lamp	Front LED Lamp	●	●	●	●
		Full Suspension Seat + Arm Rest + Orange Belt + OPSS + heat	○	○	○	○			Front & Rear LED Lamp	○	○	○	○
		Full Suspension Seat + Arm Rest + Orange Belt + OPSS + heat & backrest	○	○	○	○			Blue Spot	○	○	○	○
		Speed Limit	●	●	●	●		Mirror	Panorama Mirror	●	●	●	●
									Side LH/RH & Panorama Mirror	○	○	○	○
	Lever	Manual Lever	●	●	●	●		Camera	Rear Camera	○	○	○	○
		Fingertip Lever	○	○	○	○			Front & Rear Camera	○	○	○	○
MAST	Mast	2 Stage Standard Mast(3,300mm)	●	●	●	●	CONVENIENCE	—	Accumulator	○	○	○	○
		2 Stage V/VF Mast, 3 Stage TF/TS Mast	○	○	○	○			SASA Steering System	●	●	●	●
	Fork	41" Fork	●	●	●	●			Wet Disc Brake System	●	●	●	●
		35.4" - 43.4" Fork	○	○	○	○			Knob-Switch with Direction & Horn	○	○	○	○
	Carriage	Carriage (43.4"/Hook Type)	●	●	●	●			Auto Tilt	○	○	○	○
		Side Shift	○	○	○	○			Load Sensor	○	○	○	○
BATTERY	Attachment	Fork Positioner - Synchronized, Independent	○	○	○	○			Quick Coupler	○	○	○	○
									Hi-Mate (Fleet Management System)	○	○	○	○
	Battery	Lead Acid - 25B-X 600Ah, 30/32/35B-X 700Ah	○	○	○	○	SAFETY	—	OPSS - Travel & Mast	●	●	●	●
		Lead Acid - 25B-X 720Ah, 30/32/35B-X 840Ah	●	●	●	●			Seatbelt Interlock	○	○	○	○
		Li-ion - 25B-X 500Ah, 30/32/35B-X 600Ah	○	○	○	○			Rear Horn	○	○	○	○
	Charger	Lead Acid - 3P 220/380V,50/60Hz, 440V,50/60Hz, 400/410/415V,50/60Hz	○	○	○	○			Limited Travel Speed when Driving with Elevated Load	○	○	○	○
		Li-ion - 3P 400V,50/60Hz	○	○	○	○			Extinguisher	○	○	○	○
	Trolley	Battery Trolley	○	○	○	○			Safety Speed Lock	○	○	○	○

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