

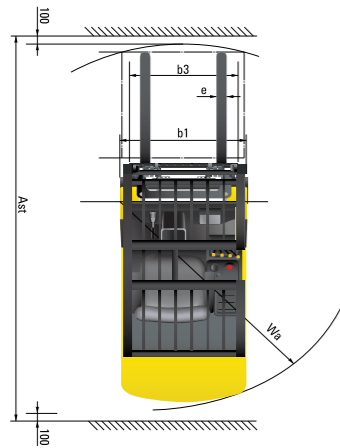
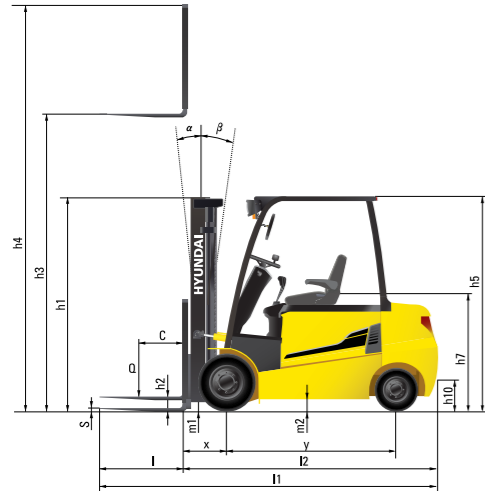


## شرکت آسان راه البرز

با 40 سال تجربه در زمینه ی واردات ماشین آلات معدنی، راهسازی و صنعتی و با استفاده از مدیران خبره، کارشناسان مجرب و پرسنل با تجربه آموزش دیده از فعالترین شرکت های تجاری در ایران می باشد. این شرکت در سال 1389 موفق به اخذ نمایندگی رسمی از شرکت هیوندای کره جنوبی و نمایندگی انحصاری محصولات اوردایم برای واردات، فروش و خدمات پس از فروش ماشین آلات سنگین، راهسازی، معدنی و صنعتی در ایران گردید.

این شرکت با توجه به نیاز مشتریان و محیط های کاری موجود اقدام به واردات انواع ماشین آلات راهسازی از قبیل لودر چرخ لاستیکی، بیل هیدرولیکی چرخ لاستیکی و چرخ زنجیری و انواع لیفتراک با بازه تناژی بالا و انواع چکش های هیدرولیکی و انواع ژنراتورهای برق (دیزلی و دوگانه سوز) نموده است و هر دوره با توجه به درخواستها بر تنوع محصولات خود اضافه میکند.

## Dimension



## Specification

Identification		HYUNDAI					
1.1	Manufacturer	HYUNDAI					
1.2	Manufacturer's type designation	22B-9	25B-9	30B-9	32B-9	35B-9	
1.3	Drive : electric(battery or mains), diesel, petrol, fuel gas, manual	electric	electric	electric	electric	electric	
1.4	Type of operation : hand, pedestrian, standing, seated, order - picker	seated	seated	seated	seated	seated	
1.5	Load capacity / rated load	Q kg	2,200	2,500	3,000	3,200	3,500
1.6	Load center distance	c mm	500	500	500	500	500
1.8	Load distance, center of drive axle to fork	x mm	458	458	458	458	470
1.9	Wheelbase	y mm	1,400	1,400	1,600	1,600	1,600
Weights							
2.1	Service weight	kg	4,045	4,310	4,750	4,935	5,190
2.2	Axle loading, loaded front / rear	kg	5,400 / 845	5,930 / 88	6,740 / 1,010	7,080 / 1,055	7,590 / 1,100
2.3	Axle loading, unloaded front / rear	kg	1,695 / 2,350	1,720 / 2,590	1,940 / 2,810	1,965 / 2,970	1,970 / 3,220
Wheels, Chassis							
3.1	Tires : solid rubber(V), superelastic(SE), pneumatic(P), polyurethane(PE)		SE, P	SE, P	SE, P	SE, P	SE, P
3.2	Tires size, front(Φ x width)		23X9-10	23X9-10	23X9-10	23X9-10	23X10-12
3.3	Tires size, rear(Φ x width)		18X7-8	18X7-8	18X7-8	18X7-8	18X7-8
3.5	Wheels, number front rear(x = driven wheels)		2x2	2x2	2x2	2x2	2x2
3.6	Track width, front	mm	993	993	993	993	1,005
3.7	Track width, rear	mm	980	980	980	980	980
Basic Dimensions							
4.1	Mast / fork carriage tilt forward / backward	degrees	6/10	6/10	6/10	6/10	6/10
4.2	Lowered mast height	h1 mm	2,162	2,162	2,162	2,232	2,243
4.3	Free lift height	h2 mm	115	115	115	115	115
4.4	Lift height	h3 mm	3,300	3,300	3,300	3,300	3,300
4.5	Extended mast height	h4 mm	4,485	4,485	4,485	4,485	4,485
4.7	Overhead guard (cab) height	h5 mm	2,230	2,230	2,230	2,230	2,230
4.8	Seat height / Standing height	h7 mm	1,180	1,180	1,180	1,180	1,180
4.12	Coupling height	h10 mm	325	325	325	325	325
4.19	Overall length	l1 mm	3,345	3,345	3,538	3,553	3,640
4.20	Length to face of forks	l2 mm	2,295	2,295	2,488	2,503	2,590
4.21	Overall width	b1 mm	1,200	1,200	1,200	1,200	1,250
4.22	Fork dimensions	s / e / l mm	1050x100x45	1050x100x45	1050x122x45	1050x122x45	1050x122x45
4.23	Fork carriage ISO 2328, class / type A, B		II/A	III/A	III/A	III/A	III/A
4.24	Fork - carriage width	b3 mm	1,102	1,102	1,102	1,102	1,102
4.31	Ground clearance, loaded, under mast	m1 mm	117	117	117	117	128
4.32	Ground clearance, centre of wheelbase	m2 mm	130	130	130	130	130
4.33	Aisle width for pallets 1,000 x 1,200 crossways	Ast mm	3,637	3,637	3,829	3,843	3,896
4.34	Aisle width for pallets 800 x 1,200 lengthways	Ast mm	3,803	3,803	4,009	4,023	4,076
4.35	Turning radius	Wa mm	1,939	1,939	2,150	2,164	2,205
4.36	Smallest pivot point distance	mm	257	257	257	257	257
Performance Data							
5.1	Travel speed, loaded/unloaded(48V)	km/h	17 / 18	17 / 18	17 / 18	17 / 18	17 / 18
	(36V)	km/h	13 / 15	13 / 15	13 / 15	13 / 15	13 / 15
5.2	Lift speed, loaded/unloaded(48V)	mm/s	420 / 610	410 / 610	340 / 500	330 / 500	300 / 460
	(36V)	mm/s	310 / 500	300 / 500	250 / 410	240 / 410	210 / 410
5.3	Lowering speed, loaded/unloaded	mm/s	500 / 450	500 / 450	500 / 450	500 / 450	500 / 450
5.6	Max. drawbar pull, loaded/unloaded S2 5min	N	20,310 / 19,910	20,370 / 19,840	20,230 / 19,820	20,170 / 19,790	19,210 / 19,010
5.8	Max. gradient performance, loaded/unloaded S2 5min	%	34 / 20	31 / 18	27 / 18	26 / 17	23 / 17
5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
E - Motor							
6.1	Drive motor rating S2 60 min (48V)	kW	7.0x2	7.0x2	7.0x2	7.0x2	7.0x2
6.2	Pump motor rating at S3 - 15 % (48V)	kW	17	17	17	17	17
6.4	Battery voltage, nominal capacity K5 (48V)	Ah	660	715	740	740	740
6.5	Battery weight	kg	1,090	1,150	1,320	1,320	1,320
	Battery compartment dimensions L / W / H	mm	1,035 / 806 / 540	1,035 / 806 / 540	1,035 / 1,000 / 540	1,035 / 1,000 / 540	1,035 / 1,000 / 540
Other Details							
8.1	Type of drive control		AC	AC	AC	AC	AC

# 22/25/30/32/35B-9

Electric Counterbalance Trucks

MOVING YOU FURTHER

HYUNDAI HEAVY INDUSTRIES



## HYUNDAI FORKLIFT

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**HYUNDAI**  
HEAVY INDUSTRIES CO.,LTD.

# Your satisfaction is our priority!

Hyundai introduces a new line of **9-series** battery forklift trucks. The newly designed 4 wheel counterbalance trucks provide every operator comfortable driving, increased productivity and easy maintenance.

## Compact forklift with proven AC technology

- Maximum performance
- Comfortable operating room
- Battery side loading system
- Curve control system
- Fingertip controlled mini levers available (optional)
- Weight indicator (optional)
- Safety system that prevents over loading (optional)



■ Some of the photos may include optional equipment.

# High Efficiency & Optimal Performance



Efficient, smooth running and powerful performance make your work more productive.

**22/25/30/32/35B-9**



### More efficient operating control levers (Optional)

Electronic directional control and secondary horn are mounted to the hydraulic lift lever for quick and precise maneuvering.

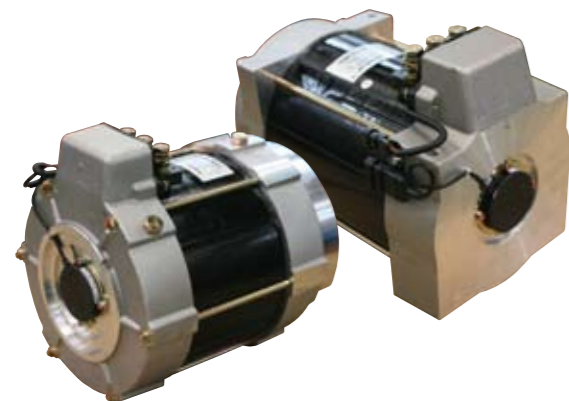


### Finger tip control levers (Optional)

The finger tip control lever allows more precise control and fatigue-free working. The ergonomically designed armrest can be adjusted up, down, forward and backward for various operator's body type.



■ Some of the photos may include optional equipment.



### Advanced drive and lift performance with proven durability and low maintenance

The enclosed drive and pump motor with AC technology combine power, high maintenance intervals and excellent durability. The brushless AC motors offer improved efficiency and reduction maintenance cost.



■ Some of the photos may include optional equipment.

### Curve control

Curve Control limits travel speed based on turning radius, reducing speed for a smooth, precise turning operation for the driver.



Limit the speed



### Dual drive system

Using a dual drive system will minimise aisle width and energy consumption. Plus, the drive units and AC motors intergrated in the front axle provide the operator with extremely improved gradient capacity.



### Auto fork leveling system (Optional)

In order to improve productivity the auto fork leveling system will automatically stop the tilt movement when the mast is in a straight position.

Max.Gradeability (loaded)		Max.Travel Speed (Unloaded)	
Model	%	Model	Km / h
22B-9	34	22B-9	18
25B-9	31	25B-9	18
30B-9	27	30B-9	18
32B-9	26	32B-9	18
35B-9	23	35B-9	18

### Anti roll back system, travel speed and gradeability

Anti Roll-back system offers protection against the machine rolling back on a ramp in combination with exceptional ramp start capabilities.

# Advanced Safety

The safely designed driver's space makes your operating more comfortable.

**22/25/30/32/35B-9**



■ Some of the photos may include optional equipment.

## Excellent visibility for safe operation

Optimized lift cylinder arrangement provides operator with wider visibility. The panoramic mirror expands the driver's view when backing up.



## Strong overhead guard

Exceeding CEE and ANSI regulations, the overhead guard offers great protection combined with excellent all around visibility.

## Fork safety features

When the forks are being lowered, a down-control valve maintains the controlled speed. The down-safety valve prevents forks from dropping down in case of sudden damage of hydraulic line.

## OPSS(Operator Presence Sensing System)

When the operator is not in the seat all mast and drive movements are impossible.

Lift Lock   Tilt Lock   Drive Lock

■ Some of the photos may include optional equipment.



## Safety lamps & rear reflectors

LED combination lights and halogen headlights offer the driver visibility in all circumstances. Rear reflectors mounted on the counterweight enhance safety for the driver and the application.

# Optimised Ergonomics & Fast and Easy Maintenance



An ideal arrangement of components ensures easy access and convenience for maintenance.

**22/25/30/32/35B-9**



## Spacious operator cabin

The newly designed cabin was conceived for more space, a wider field of view and operator comfort.

■ Some of the photos may include optional equipment.



## Easy battery replacement

The battery compartment is equipped with a side battery removal assembly for easy removal and replacement.

■ Some of the photos may include optional equipment.



## Optimized pedal position and floor mat

The position of accelerator and throttle have been optimized through human engineering.



## Large entrance step

Wide and non-slip step offers convenience and safety when entering and exiting truck.



## Adjustable steering wheel

To achieve a comfortable drive position, the angle of the steering column can easily be adjusted through a lever on the right-hand side of the steering column.



## Grammer seat (Optional)

An easily adjustable suspension seat, based on a human engineering design, provides greater comfort reducing operator fatigue.



## Advanced LCD Monitor

The LCD color monitor with 3.5 inch graphic smart display allows the operator to easily and efficiently control the machine. The monitor provides information about speed & accelerator lever, steer angle & travel direction, battery discharge indicator, hour meter & working mode. The optional load indicator displays the load weight in the monitor. The operator can select various performance modes to meet all working conditions. It is available multi-languages (maximum 12) for operator.

**H** (High) mode **N** (Normal) mode **E** (Economic) mode  
**Turtle mode**



## Brake oil reservoir with level sensor

The enhanced brake oil reservoir, located in the upper left dash, is equipped with an electronic level sensor and easily visible through the monitor.

