

HIFOUNE



HIFOUNE

XIAMEN HIFOUNE MACHINERY CO.,LTD.

Add.: Torch High-Tech Zone (Xiang'an) Industrial Park,Xiamen

Tel:+86 0592 7820328

Email: kevin@hifoune.com

www.hifouneforklift.com



LITHIUM BATTERY **FBL 20/25/30/35/40**
COUNTERBALANCED FORKLIFT

- 

fast charging
- 

charge and use
- 

Powerful
- 

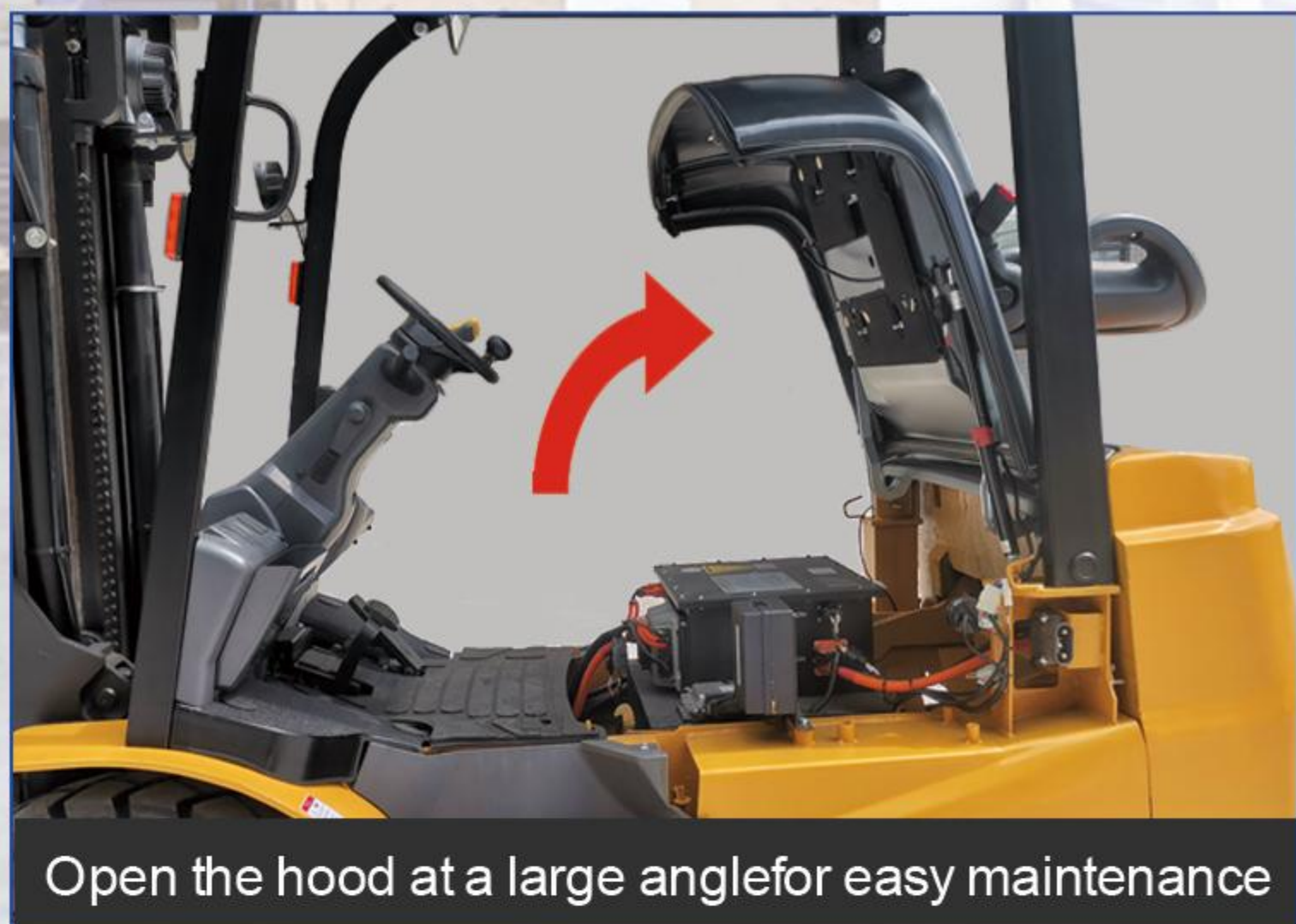
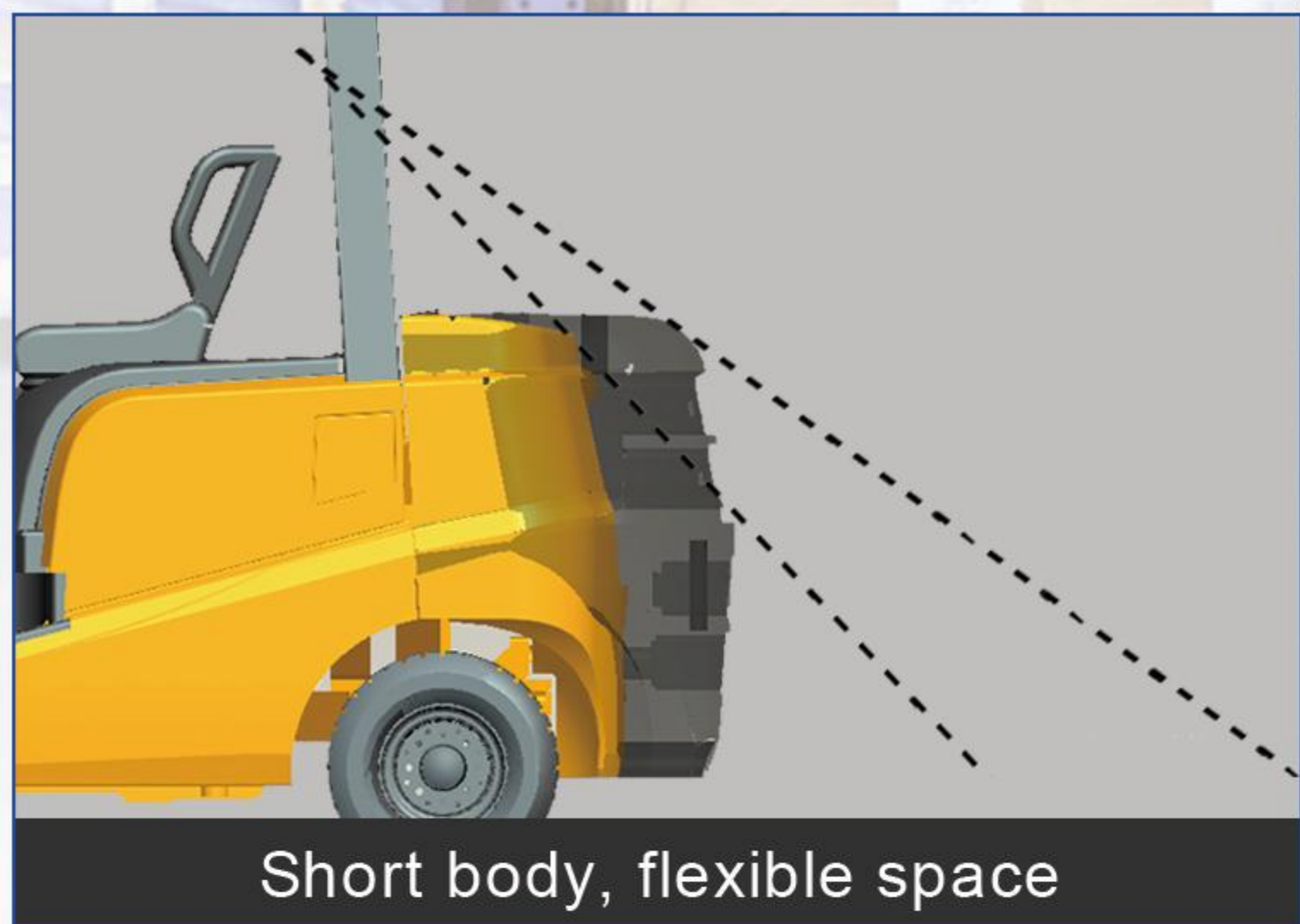
EP
- 

maintenance free
- 

safe
- 

zero emission
- 

adapt to extreme temp

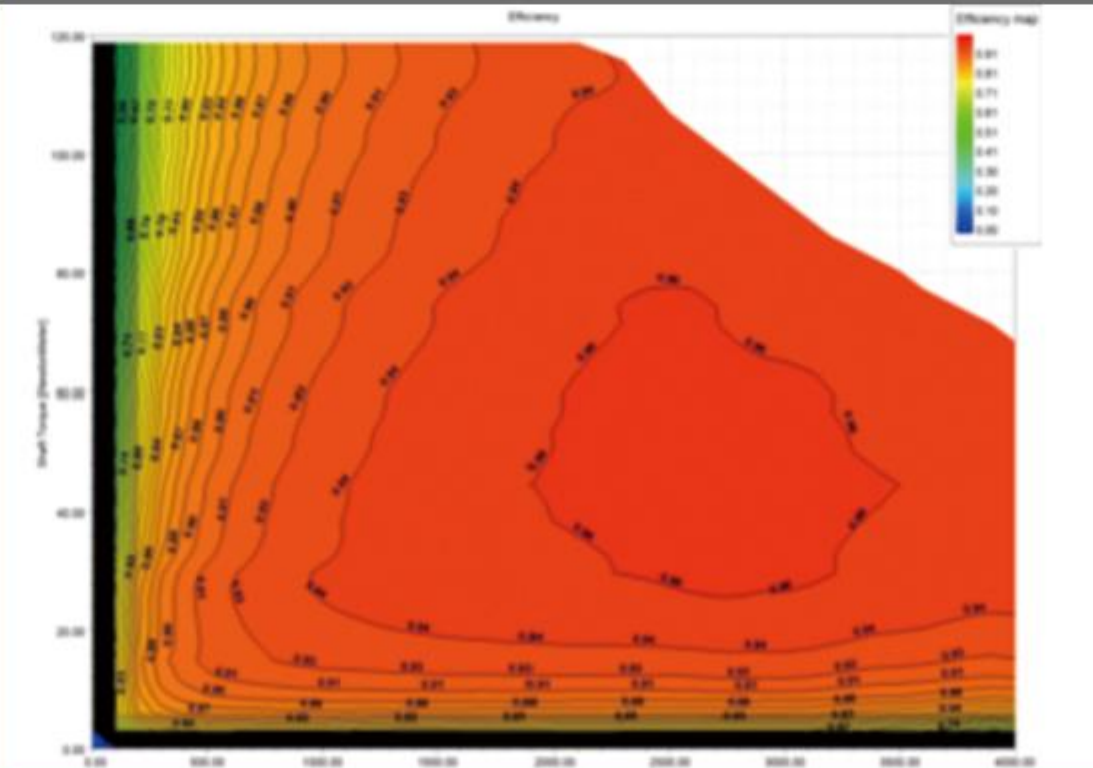


Intelligent wake-up system



- System self-inspection to ensure that all parts meet the working conditions before starting the forklift
- Completely cut off the lithium battery power supply to avoid lithium battery power loss due to long-term storage

Adopt permanent magnet motor



- Reduce copper consumption, reduce motor electromagnetic noise, improve heat dissipation performance,
- High space utilization rate, and increase overall efficiency by 20%



LITHIUM BATTERY COUNTER BALANCED FORKLIFT (Air cooling)

Content	Projects	Unit				
Character	Brand	—	Hifoune			
	Model	—	FBL20	FBL25	FBL30	FBL35
	Power mode	—	Lithium Iron Phosphate battery			
	Driving mode		Seat	Seat	Seat	Seat
	Load capacity	Q(Kg)	2000	2500	3000	3500
	Load center	C(mm)	500	500	500	500
	Max.lifting height	h4 (mm)	3000	3000	3000	3000
Weight	Self-weight	kg	3650	3810	4110	4410
	Battery weight	kg	154	154	154	154
Size	Front overhang	x (mm)	470	470	475	475
	Wheelbase	y (mm)	1550	1550	1650	1650
	Mast tilting angle (fwd/bwd)	α/β (°)	6/12	6/12	6/12	6/12
	Mast height(fork lowered)	mm	2080	2080	2140	2140
	Free lifting height	mm	140	140	145	145
	Max.lifting height	mm	4040	4040	4135	4135
	Overhead guard height	mm	2125	2125	2150	2150
	Driver's seat height	mm	1075	1075	1110	1110
	Overall length(without fork)	h1 (mm)	2420	2450	2540	2585
	Overall width	b1 (mm)	1160	1160	1220	1220
	Fork size:thickness*width*length	mm	1220X122X40	1220X122X40	1220X125X45	1220X125X50
	Min. ground clearance (mast)	m1 (mm)	130	130	140	140
	Min. ground clearance (middle of chassis)	mm	140	140	150	150
	Min. turning radius	Wa (mm)	2250	2250	2350	2395
Tires	Tire type	-	pneumatic tire	pneumatic tire	pneumatic tire	pneumatic tire/Solid tire
	Tire number (X=driving tire)	-	2×/2	2×/2	2×/2	2×/2
	Front tire	-	7.00-12-12PR	7.00-12-12PR	28X9-15-14PR	28X9-15-14PR
	Rear tire	-	18X7-8-14PR	18X7-8-14PR	18X7-8-14PR	18X7-8
Performance	Travelling speed (loaded/unloaded)	Km/h	15/15	15/15	15/15	15/15
	Lifting speed (loaded/unloaded)	mm/s	400/440	400/440	380/460	380/460
	Max.drawbar pull(load/unloaded)	kN	19/20	19/20	18/19	18/19
	Max.gradeability (loaded/unloaded)	%	15/15	15/15	15/15	15/15
System	Power unit model	-	35M2	35M2	35M2	35M2
	Power unit cooling form	-	Air cooling	Air cooling	Air cooling	Air cooling
	Travelling motor power	KW	13.0AC	13.0AC	13.0AC	13.0AC
	Working motor power	KW	15.0AC	15.0AC	15.0AC	15.0AC
	Battery (voltage/capacity)	V/Ah	80/280	80/280	80/280	80/280
	Standard charger specifications(output)	V/A	80/150	80/150	80/150	80/150

The standard model data would vary according to the configuration.

LITHIUM BATTERY COUNTER BALANCED FORKLIFT (liquid cooling)

Content	Projects	Unit						
Character	Brand	—	Hifoune					
	Model	—	FBL20	FBL25	FBL30	FBL35	FBL40	FBL40
	Power mode	—	Lithium Iron Phosphate battery					
	Driving mode		Seat	Seat	Seat	Seat	Seat	Seat
	Load capacity	Q(Kg)	2000	2500	3000	3500	4000	4000
	Load center	C(mm)	500	500	500	500	500	500
	Max.lifting height	h4 (mm)	3000	3000	3000	3000	3000	3000
Weight	Self-weight	kg	3650	3810	4110	4410	4800	4800
	Battery weight	kg	154	154	154	154	180	305
Size	Front overhang	x (mm)	470	470	475	475	490	490
	Wheelbase	y (mm)	1550	1550	1650	1650	1750	1750
	Mast tilting angle (fwd/bwd)	α/β (°)	6/12	6/12	6/12	6/12	6/12	6/12
	Mast height(fork lowered)	mm	2080	2080	2140	2140	2180	2180
	Free lifting height	mm	140	140	145	145	150	150
	Max.lifting height	mm	4040	4040	4135	4135	4240	4240
	Overhead guard height	mm	2125	2125	2150	2150	2165	2165
	Driver's seat height	mm	1075	1075	1110	1110	1110	1110
	Overall length(without fork)	h1 (mm)	2420	2450	2540	2585	2665	2665
	Overall width	b1 (mm)	1160	1160	1220	1220	1280	1280
	Fork size:thickness*width*length	mm	1220X122X40	1220X122X40	1220X125X45	1220X125X50	1220X125X50	1220X125X50
	Min. ground clearance (mast)	m1 (mm)	130	130	140	140	145	145
	Min. ground clearance (middle of chassis)	mm	140	140	150	150	150	150
	Min. turning radius	Wa (mm)	2250	2250	2350	2395	2460	2460
Tires	Tire type	-	pneumatic tire	pneumatic tire	pneumatic tire	pneumatic tire /Solid tire	pneumatic tire /Solid tire	pneumatic tire /Solid tire
	Tire number (X=driving tire)	-	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2
	Front tire	-	7.00-12-12PR	7.00-12-12PR	28X9-15-14PR	28X9-15-14PR	250-15-16PR	250-15-16PR
	Rear tire	-	18X7-8-14PR	18X7-8-14PR	18X7-8-14PR	18X7-8	18X7-8	18X7-8
Performance	Travelling speed (loaded/unloaded)	Km/h	15/15	15/15	15/15	15/15	20/20	20/20
	Lifting speed (loaded/unloaded)	mm/s	400/440	400/440	380/460	380/460	380/460	400/460
	Max.drawbar pull(load/unloaded)	kN	19/20	19/20	18/19	18/19	26/26	26/26
	Max.gradeability (loaded/unloaded)	%	15/15	15/15	15/15	15/15	20/20	20/20
System	Power unit model	-	35ES	35ES	35ES	35ES	35ES	35S2
	Power unit cooling form	-	liquid cooling	liquid cooling	liquid cooling	liquid cooling	liquid cooling	liquid cooling
	Travelling motor power	KW	20.0AC	20.0AC	20.0AC	20.0AC	20.0AC	20.0AC
	Working motor power	KW	20.0AC	20.0AC	20.0AC	20.0AC	20.0AC	20.0AC
	Battery (voltage/capacity)	V/Ah	80/280	80/280	80/280	80/280	80/410	153/230
	Standard charger specifications(output)	V/A	80/150	80/150	80/150	80/150	80/200	150/100

The standard model data would vary according to the configuration.