



BYD FORKLIFT WITH GLOBAL PRESENCE IN

6 continents

More than 30 countries

Service more than 1,000 satisfied customers

Market share of lithium forklifts exceeds 75%

GREEN LOGISTICS LEADER

STORAGE SERIES



LEADER IN NEW ENERGY FORKLIFT



WAREHOUSING AND LOGISTICS SOLUTIONS

BYD is the leader in the pure electric forklift industry, and it has been deeply involved in warehousing and logistics for many years. With its unique battery, motor, electronic control and other technical advantages and accumulated experiences, BYD has developed a number of green warehousing products. Such as tramp type / standing-driving pallet truck, tramp type / standing-driving stacker truck, standing-driving / seated reach truck. Load capacity ranges from 1.4-3.0 tons, which can meet the needs of different customers in different working conditions and provide the most professional and efficient warehousing and logistics solutions for various industries.

OUR ADVANTAGES

High efficiency

BYD forklift equipped with high capacity lithium iron-phosphate battery and high efficiency charger, which ensures the strongest endurance and adapt to the most complex working conditions. It saves 90% charging time compared with lead-acid forklift.



High safety

Compared to lead-acid battery forklift, BYD lithium iron-phosphate battery forklift produce zero emission or pollution during charging that need no special charging room. In order to ensure the safety and stability of the battery, there are a series of extreme tests including overcharge, over discharge, short circuit, oven, crush and burning to name a few. Strong scientific capability and rigorous testing processes comprehensively guarantee the safety and excellent performance of BYD lithium iron-phosphate battery.



Long life cycle

Battery life is above 4,000 cycles or over 10 years. No need for battery replacement under normal use.

Strong temperature adaptability

Applies to the working condition from minus 40 degree Celsius to 60 degree Celsius with good performance.



High performance

BYD lithium iron-phosphate battery forklift equipped with electronic power steering and ZF drive axle to ensure efficient power output.

BYD lithium iron-phosphate battery meets the following standards



UL 1642



UL 2580

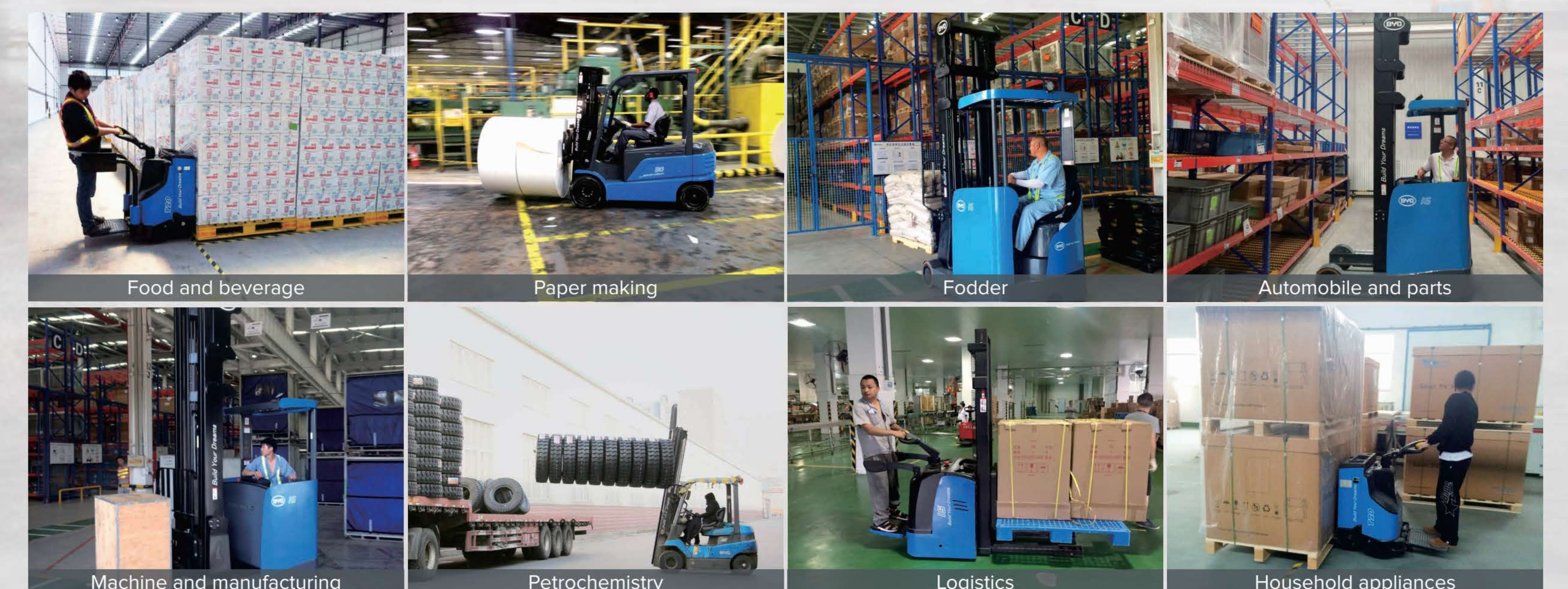


UN 38.3



QC / T 743

Professional solutions for different industries



BYD forklift truck provides professional solutions for various industries to adapt to complex working conditions.

PALLET TRUCK

P20PS

Load capacity: 2.0 ton
 Curb weight: 700 kg
 Min. turning radius: 1,750 mm
 Voltage: 24 V
 Battery capacity: 130 Ah



Highlights of BYD pallet truck

- Deceleration when turning
- Multifunction storage box
- Power-off protection
- 180° maximum rotation angle of operating handle
- Overload protection
- Speed limit when lifting
- Multifunction operating handle
- Constantly variable speed control driving system
- Low battery protection
- Braking when operating handle pushed upright or pressed down, double guarantee for safety

Standard configurations

- BYD lithium-iron-phosphate battery
- 24V 110Ah battery
- GB standard charge interface
- Three-phase AC asynchronous motor
- 1,125mm fork
- Multifunction dashboard

Optional configurations

- Electronic power steering
- 100A quick charger
- Anti-skid thickened tires
- Keyboard coded lock
- Pallet fork customization available
- Fence

Notice: Functions and configurations will change according to different models.

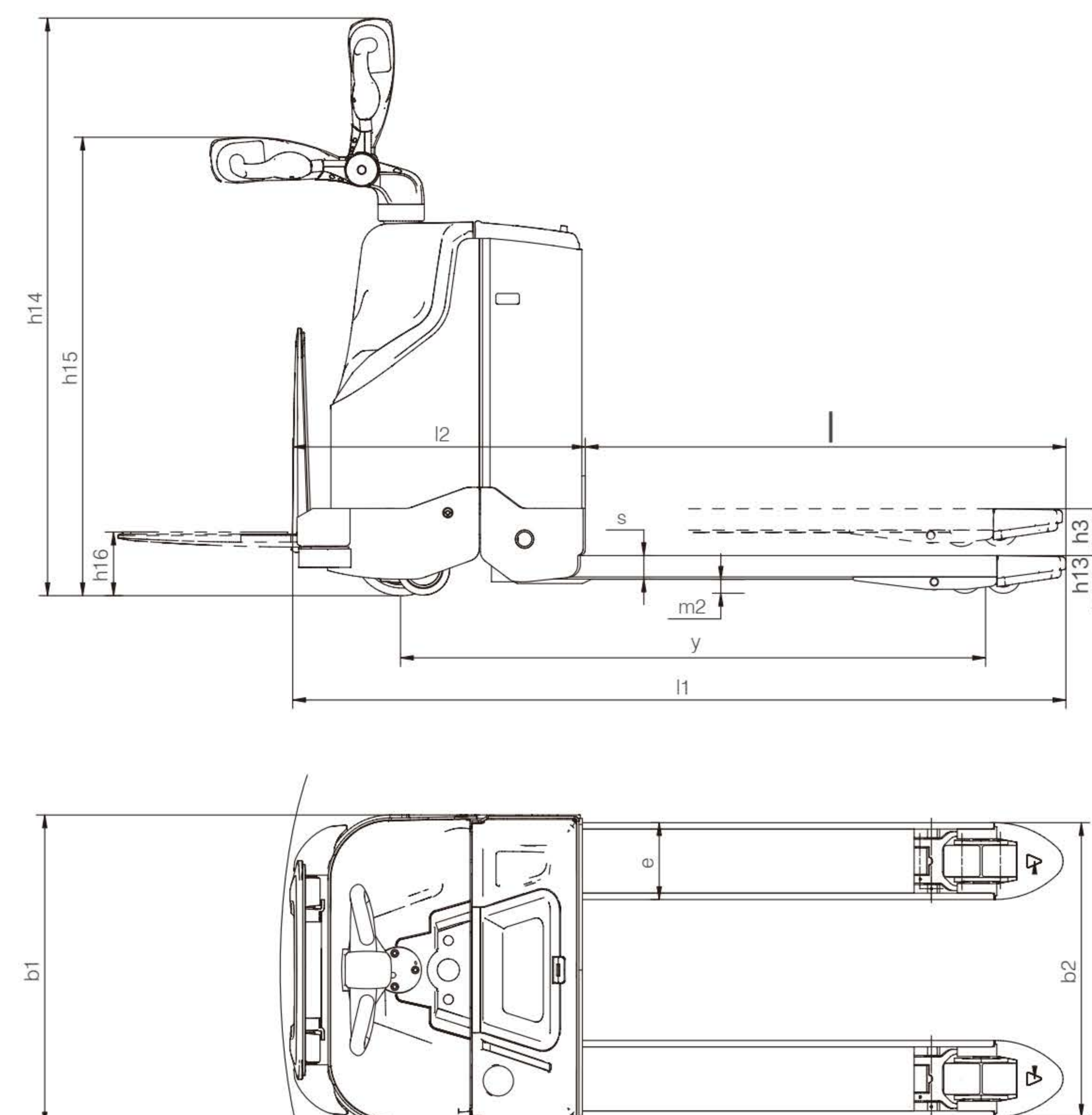
Charging time (Unit: hour)

Charger	Battery
	24V 110Ah
30A Standard	About 3.5
100A Option	About 1



P20JW

Load capacity: 2.0 ton
 Curb weight: 577 kg
 Min. turning radius: 1,520 mm
 Voltage: 24 V
 Battery capacity: 110 Ah



PALLET TRUCK SPECIFICATIONS

Identification	Manufacturer			BYD	BYD
	Model			P20PS	P20JW
	Power Type			Electric	Electric
	Operation Type			Rider	Walkie
	Load capacity	Q	kg	2000	2000
	Load center	c	mm	600	600
	Wheel base	x	mm	1418	1024
	Load distance	y	mm	1076	1420
Weights	Net weight incl.battery		kg	700	577
	Axle load, w.load front/rear		kg	1200/1480	1138 / 1439
	Axle load, w.o.load front/rear		kg	530/170	438 / 139
Wheels	Tires			Polyurethane	
	Tires Size, Drive Side		mm	Φ 230×75	Φ 250 × 70
	Tires Size, Load Side		mm	Φ 85×110	Φ 82 × 126
	Caster Wheels		mm	Φ 100×50	Φ 127 × 57
	Wheels, number front/rear X=Driven wheels			1×+2/2(4)	1X+2/2
	Track Width, Drive Side	b10	mm	510	510
	Track Width, Load Side	b11	mm	505	505
	Lift Height	h3	mm	120	120
Dimensions	Height of tiller in drive position min	h15	mm	970	780
	Height of tiller in drive position max	h14	mm	1300	1230
	Platform Height	h16	mm	180	-
	Fork Lowered Height	h13	mm	85	82
	Overall Length	l1	mm	1890/2360	1900
	Head Length	l2	mm	670	555
	Overall Width	b1	mm	726	775
	Outer Width	b2	mm	685	685
	Fork Dimensions	s/e/l	mm	60×180×1220	54 / 180 / 1220
	Outside Fork Spread		mm	685	685
	Floor clearance centre wheelbase	m2	mm	25	28
	Aisle width for pallets 800×1200 lengthways	Ast	mm	1750	2135
Performance	Min. Turning radius		mm	1989/2473	1520
	Travel Speed, w./w.o.load		km/h	6/6	5.5 / 5.6
	Lift Speed, w./w.o.load		mm/s	40/50	30 / 56
	Lower Speed, w./w.o.load		mm/s	50/40	64 / 50
	Max Gradeability (laden/unladen)		%	8/15	8 / 20
Electrics	Service Brake			electromagnetic braking	
	Drive Motor Rating s2 60min		kw	1.3	1.2
	Drive Motor Type			AC	AC
	Lift Motor Rating s3 10%		kw	1.2	1.2
	Lift Motor Type			DC	DC
	Steering Motor		kw	-	-
Others	Battery Capacity		V/Ah	24/130	24 / 110
	Battery Weight		kg	70	70
	Sound level at the driver's ear		dB(A)	70	70



**HIGH EFFICIENCY BRINGS
HIGH PRODUCTIVITY**