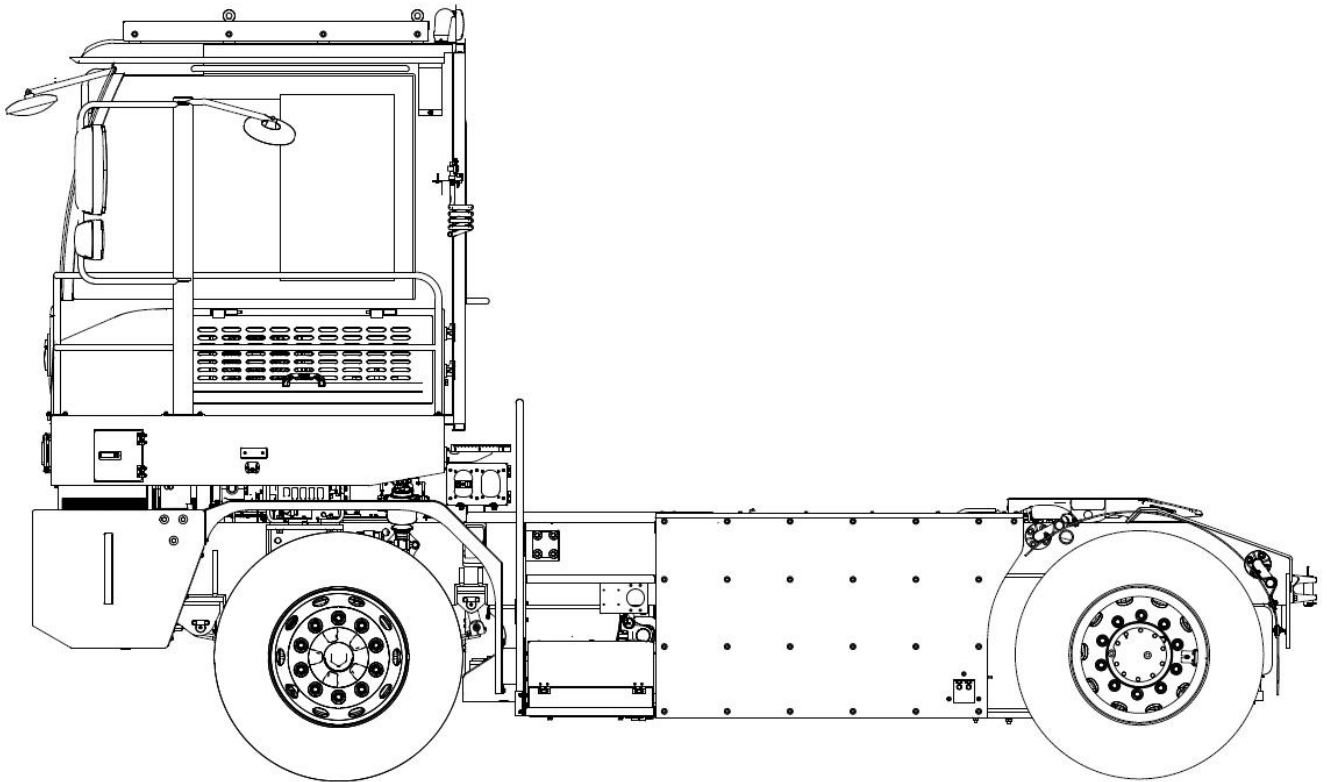




## XPT75E Terminal Tractor Technical Specification



Xuzhou XCMG Port Machinery Co.,Ltd.

## Version Description

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## 1. Technical Parameters of XPT75E Terminal Tractor

### 1.1 Main data

Technical indicators		Unit	Parameter	Remarks
Terminal tractor type			Right rudder offset cab	
Power type			Electric	
Max. traveling speed	Unloaded	km/h	45	Allowable speed limit 30
	Full loaded	km/h	25	
Turning radius	R1	mm	6860	±5%
Ground clearance	H2	mm	220	±5%
Maximum climbing ability	Unloaded	%	35	
	Full loaded	%	8	
Wheelbase	L3	mm	3400	±2%
Theoretical endurance		h	12	Port conditions
Dual gun charging time (20%-80%)		min	45	
Vehicle power		kWh	289	

### 1.2 Weight

Technical indicators		Unit	Parameter	Remarks
Total Weight		kg	11000	±3%
Gross weight		kg	75000	
Maximum load capacity of the fifth wheel		kg	36000	

### 1.3 Tire



Technical indicators		Unit	Parameter	Remarks
Tire/Tread Type			Radial tubeless tires/R99	
Tire specifications (front/rear)		in	11R22.5_18PR/11R22.5_18PR	
Rim specification (front/rear)		in	22.5×8.25/22.5×8.25	
Number of front/rear wheel (drive wheel) tires			2/4	
Inflation pressure		kPa	1150	

## 1.4 Dimension

Technical indicators		Unit	Parameter	Remarks
Overall width	L1	mm	5350	±2%
Overall width	H1	mm	3140	±2%
Overall width	W1	mm	2540	±2%
Front suspension length	L2	mm	1300	±2%
Minimum ground clearance height of fifth wheel	H3	mm	1160	±1%
Maximum ground clearance height of fifth wheel	H4	mm	1610	±1%
Specification of mating traction pins with fifth wheel		mm	#50	
Leading distance of fifth wheel	L4	mm	218	±2%

## 1.5 Power train system

Technical indicators		Unit	Parameter	Remarks
Drive motor type			Permanent magnet synchronous motor	
Drive axle type			Drum brake drive axle	
Power battery type			Lithium iron phosphate	



Starting battery (voltage -capacity)		V-Ah	2×12-120	
Steering system			Fully hydraulic power steering	
Service brake system (type - brake wheel)			Dual circuit pneumatic braking - Steering wheel, driving wheel	
Parking brake system (type - brake wheel)			Spring energy storage pneumatic brake - drive wheel	

## 1.6 Other

Technical indicators		Unit	Parameter	Remarks
Hydraulic oil tank volume		L	60	
Fifth wheel brand/Series			HOLLAND FW35TT	



## 2. Power Battery, Drive Motor, Drive Motor Controller, Axle

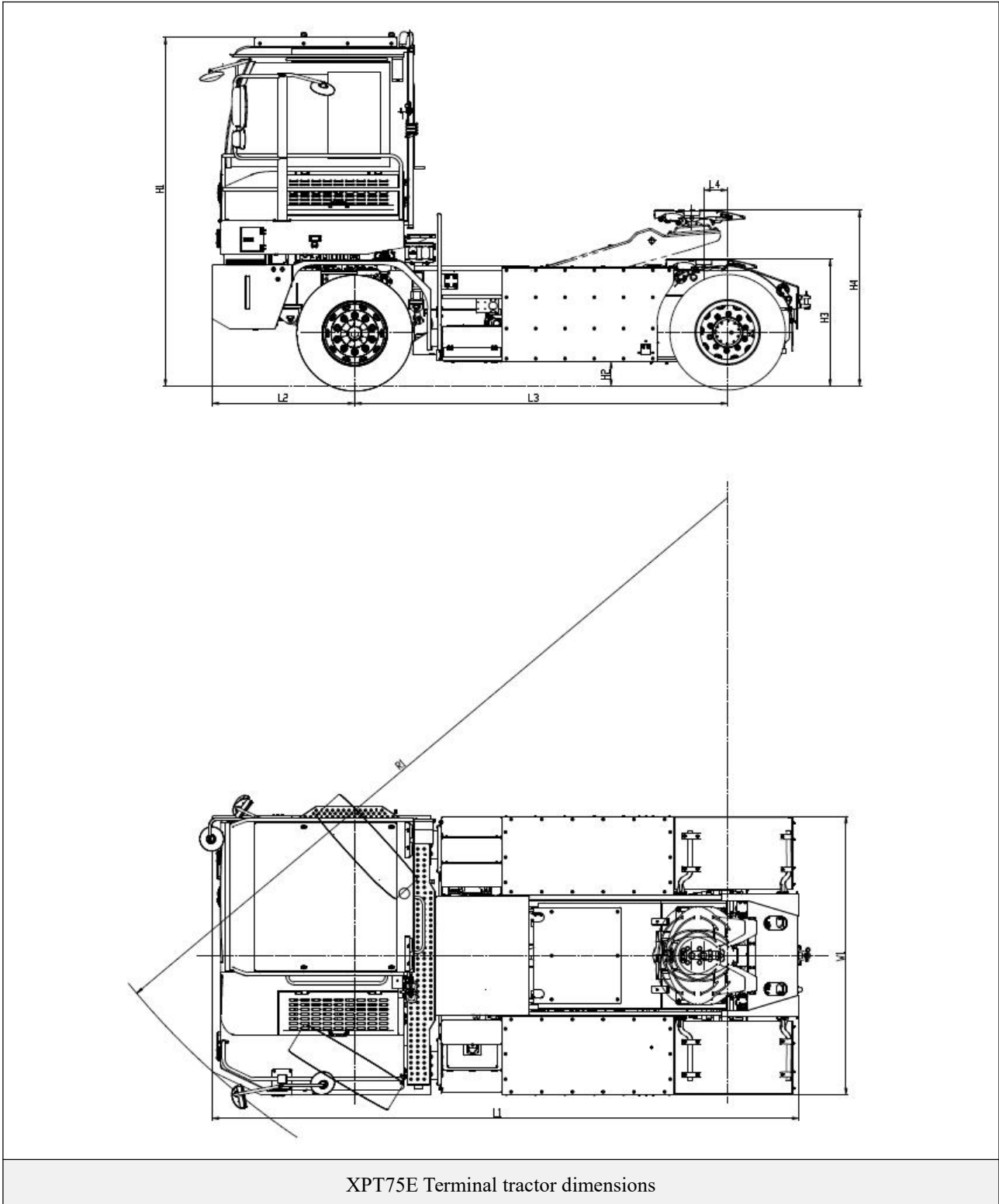
### 2.1 Power battery, drive motor, drive motor controller, axle

Technical indicators	Unit	Parameter	Remarks
Power battery brand/series		BYD	
Power battery capacity	Ah	491	
Voltage platform (DC)	V	588.8	
Rated charge/discharge rate	C	1/1	
Drive motor brand/series		CRRC TZ400	
Maximum/rated speed of drive motor	r/min	2800/1061	
Peak/rated torque of drive motor	N.m	3800/1800	
Peak/rated power of drive motor	kW	310/200	
Protection level of drive motor		IP67	
Brand/series of drive motor controller		CRRC KTZ54	
Control mode of drive motor controller		Torque and speed control	
Protection level of drive motor controller		IP68	
Drive axle brand/series		Hande HDZ31	
Service brake /cooling		Drum brake/oil cooling	
Steering axle brand		Hande HDZ11	



### 3.XPT75E Terminal Tractor Dimensions

#### 3.1 Dimensions parameters





## 4. XPT75E Terminal Tractor Standard Configurations

### 4.1 Standard configurations

- Electric horn
- Air horn
- LCD Display
- USB interface
- 24V standby power supply
- Steering assistance
- Differential wheel locking function
- Cab overhead light
- Emergency stop function
- Cab lifting
- Loudspeaker
- Roof warning light
- Integrated rocker switch (incl. Reserved)
- ABS
- Neutral detection
- Sunshade
- Safety hammer
- Cup holder



## 5.XPT75E Terminal Tractor Optional Configurations

### 5.1 Optional configurations

- Perfluorohexanone automatic fire extinguishing
- Fifth wheel weight sensor
- Dispatch system terminal GPS
- Reversing video
- Centralized lubrication



生产单位：徐州徐工港口机械有限公司

地址：江苏省徐州市经济技术开发区诚意路99号

全国统一客服热线：400 - 110 - 9999

销售信息热线：0516-87888825

备件信息热线：0516-87888846

质量监督电话：0516-82808227

邮编：221004

官方网址：[www.xcmg.com/xggj](http://www.xcmg.com/xggj)

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