全电动前移式叉车性能参数表
Technical Data For Mini Reach Truck

特性 Identification	1	产品型号	Product model		FRC15	FRC20
	2	额定载荷	Load capacity	Q kg	1500	2000
	3	载荷中心	Load center	C mm	500	
	4	前悬距	Front overhang	X mm	446	
	5	轴距	Wheelbase	Y mm	1510*	1660
重量 Weight	1	自重（不含电池）	Weight (without battery)	kg	1817*	1880
基本尺寸 Dimension	1	门架总高（货叉最低时）	Height with mast closed	h1 mm	附表1 Table 1	附表2 Table 2
	2	自由提升高度	Free lift	h2 mm		
	3	起升高度	Lifting height	h3 mm		
	4	最大高度（货叉最高时）	Height with mast extended	h4 mm		
	5	护顶架高度	Overhead guard height	h5 mm	2162	
	6	踏板离地高度	Platform height	h6 mm	站驾standing 267/座驾sitting 570	
	7	总长	Overall length	L1 mm	2340	2490
	8	总宽	Overall width	b1 mm	1090	
	9	货叉尺寸	Fork dimensions (Forging)	s/e/l mm	100/35/1070	100/40/1070
	10	货叉外宽	Fork width	b3 mm	200-730	
	11	前移距离	Reach distance	L4 mm	580	
	12	最小离地间隙	Min ground clearance	m mm	55	
	13	直角堆垛通道宽度,托盘1000X1200(1000沿货叉边) Aisle width for pallets 1000x1200 (fork along side1000)		Ast mm	2480*	2680
	14	直角堆垛通道宽度，托盘800X1200（1200沿货叉边） Aisle width for pallets 800x1200 (fork along side 1200)		Ast mm	2610*	2810
	15	转弯半径	Turning radius	Wa mm	1700*	1850
	16	货叉倾角（前/后）	Fork tilting degree (forward/backward)	a/b °	3/5	
性能 Performance	1	行驶速度 满载/空载	Travel speed loaded/unloaded	km/h	6.5/7.5	
	2	提升速度 满载/空载	Lift speed loaded/unloaded	m/s	100/135	
	3	下降速度 满载/空载	Lowering speed loaded/unloaded	m/s	283/128	
	4	最大爬坡能力 满载/空载	Max gradeability loaded/unloaded	%	5/8	
电机 Motor	1	驱动电机功率	Drive motor rating	kw	AC 2.0	
	2	提升电机功率	Lift motor rating	kw	3	
	3	蓄电池电压/容量	Battery voltage / nominal capacity	V/Ah	24/240、280	
	4	蓄电池重量	Battery weight	kg	240、260	
其他 others	1	行走控制	Type of drive control		MOSFET	
	2	转向控制	Type of steering		EPS	

备注：带*的数据指提升高度不足5米的FRC15相关数据，如FRC15提升高度大于等于5米，带*的几个参数需参照FRC20

Remark: The data with * refer to FRC15 series with lifting height under 5000mm, if the lifting height of FRC15 series is over 5000mm (including 5000mm). the relevant data refer to FRC20 series

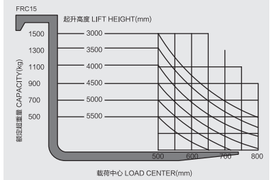
附表1 Table 1 (Height Choices for FRC15)

门架种类 Mast type	起升高度 Lifting height	总高 Height with mast closed	自由提升高度 Free Lift	最大高度 Height with mast extended
	h3 (mm)	h1 (mm)	h2 (mm)	h4 (mm)
单门架 Single	1600	2035	1059	2541
双门架 Dual	2500	1780	85	3441
	3000	2030	85	3941
	3500	2280	85	4441
	4000	2580	85	4941
三门架 Triple	4500	2066	1125	5441
	5000	2236	1285	5941
	5500	2416	1800	6441

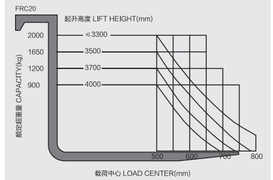
附表1 Table 2 (Height Choices for FRC20)

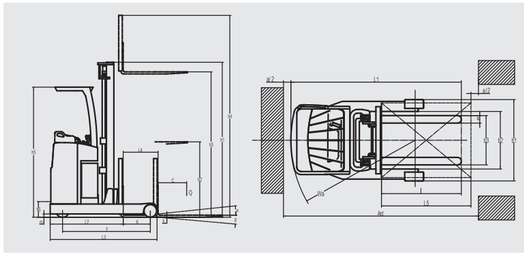
门架种类 Mast type	起升高度 Lifting height	总高 Height with mast closed	自由提升高度 Free Lift	最大高度 Height with mast extended
	h3 (mm)	h1 (mm)	h2 (mm)	h4 (mm)
单门架 Single	1600	2078	1101	2537
双门架 Dual	2500	1839	90	3437
	3000	2089	90	3937
	3500	2339	90	4537
	4000	2589	90	4937

FRC15载荷曲线图
FRC15 Load Curve Chart



FRC20载荷曲线图
FRC20 Load Curve Chart





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FORCEMAX
卓一小钢炮
电动前移式叉车
Mini Reach Truck



强劲的动力
Powerful Operation

出众的性能
Outstanding Performance



FORCEMAX
卓一小钢炮

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Powerful Operation & Outstanding Performance

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New patented design, High safety, Focus on perfect pursuit, Man-Machine perfect combination

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FRC

狭小空间作业

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操控优秀

Fantastic Outlook
Excellent Performance



工业造型设计，符合人机工程学；操控轻便自如，降低工作疲劳强度。

Industrial design meet ergonomics requirement, convenient operation lower the work fatigue.



迷你方向盘
Mini Steering Wheel

转向轻便，舒适，狭小空间内自由转向。

Soft and smooth steering, even in confined space.



摩托式加速手柄
Motorcycle Type Accelerator

无极调速，操控自如。

Stepless driving speed, free and smooth operation



多路阀杆控制
Multi-valve Operating Lever

可单指操控，精确控制。

Accurate control even with single finger



可调节辅助踏板
Adjustable Additional Platform

可按个人使用习惯调节

Additional platform can be adjusted according to personal preference



舒适的托垫
Soft Armrest

柔软托垫，有效降低操作者的疲劳。

Soft armrest efficiently lowers the operator work fatigue.



驾乘方式
Two Operating Type

自由选择适合您的乘驾方式，站驾 or 座驾。

Freely choose suitable operation type: standing-on or sitting-on



强劲动力
高效作业

Strong Engine
Efficient Operation

大功率设计，提供强劲动力源；多功能使用，保证高效循环作业。

Big power engine ensure strong power supply, multi-function ensure high efficient operation.



卓越的爬坡能力
Outstanding Gradeability

动力强劲的电机和四支点车身结构提供出色的稳定性和优异的爬坡能力。

Powerful engine and four-point design ensure excellent stability and outstanding gradeability.



门架前后移
Mast Reach Function

更便于取货，多环境使用。

Reach function for easier loading in different working environment.



货叉前后倾
Fork Tilt Forward / Backward

保证取料方便，运输稳定。

Fork can tilt forward / backward for safer load handling.



EPS电子转向
Eps Electronic Power Steering

转向轻便，准确，
行驶稳定，可靠。

EPS ensure smooth and accurate steering and stable driving.

安全可靠
维护方便

High Safety
Design-To-Service

符合国际安全标准，提供更多保护；方便维护保养，省时、省力、省钱。

Safety design meets international standards, give you more protection; Easy maintenance and service, save your time, energy and money,.



宽视野护顶架
Wide View Overhead Guard

防止异物下落，提供安全防护。

Safety device to protect operator from any drop.





舒适踏板
Comfortable Platform

驻车制动、人知感应、减震踏板、全方位保护。

Parking brake, deadman pedal, shock absorption platform, all-round protection



电池维护与更换
Battery Maintenance And Replacement

可前后移出，方便维护；可侧向拉出，方便更换。

Front extraction for regular maintenance, Side extraction for battery replacement



USB充电接口
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个性化选择，可为手机及电子产品充电。

Personalized choice, easy to charge mobile phone or electronic products