

## MiMA Product Series 产品系列

**MiMA® 米玛®**  
MATERIAL HANDLING EQUIPMENT  
DESIGNER & MANUFACTURER  
**20年**  
2000-2019



### 标配 Standard Configuration

- |              |                                |
|--------------|--------------------------------|
| • EPS电转向     | Electric Power Steering System |
| • CURTIS 控制器 | Curtis Controller              |
| • AC驱动系统     | AC drive system                |
| • 电磁制动       | Electromagnetic brake          |
| • 实心PU轮      | Solid PU Wheel                 |
| • 护翼         | Armrest                        |
| • 安全切断阀      | Safety shut-off valve          |
| • 智能充电机      | Intelligent Charger            |
| • 弯道控制技术     | Curve control technology       |

### 选配 Options

- |         |                             |
|---------|-----------------------------|
| • 高位限速  | High position speed limited |
| • 侧拉式电池 | Side pull battery           |
| • 护顶架   | Overhead guard              |
| • 进口电池  | Imported battery            |
| • 倾斜功能  | Tilt Function               |
| • 橡胶驱动轮 | Rubber drive wheel          |
| • 倒车蜂鸣器 | Reversing buzzer            |
| • 报警灯   | Alarm light                 |
| • 侧移器   | side shifter                |
| • 货叉加长  | add fork length             |
| • 冷库型   | Cold Storage use            |
| • 无人驾驶型 | AGV Type                    |



[www.mimachina.com](http://www.mimachina.com)

### 经销商 Agent / Distributor

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MiMA官方二维码

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## 前移式叉车(舵柄式) ELECTRIC REACH TRUCK (Handle Type)

### MFA15/20

**MiMA® 米玛®**  
MATERIAL HANDLING EQUIPMENT  
DESIGNER & MANUFACTURER  
**20年**  
2000-2019

MiMA产品信息表 PRODUCT SPECIFICATION

| 标准/Standard  |                                                   |                                               |           |                                                                                             |                                                                                                             |
|--------------|---------------------------------------------------|-----------------------------------------------|-----------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1.1          | 制造厂商                                              | Manufacturer                                  | /         | MiMA                                                                                        | MiMA                                                                                                        |
| 1.2          | 型号                                                | Model                                         | /         | MFA1516(单缸单门架)<br>MFA1516(Single cylinder)<br>MFA15F01(单缸两级门架)<br>MFA15F01(Single cylinder) | MFA15F05(双缸两级门架)<br>MFA15F05(Double cylinders, duplex mast)<br>MFA15SF01(三级普通门架)<br>MFA15SF01(Triplex mast) |
| 1.3          | 动力类型                                              | Power type                                    | /         | 蓄电池 Battery                                                                                 | 蓄电池 Battery                                                                                                 |
| 1.4          | 驾驶方式                                              | Opertion type                                 | /         | 站板式 Stand-on type                                                                           | 站板式 Stand-on type                                                                                           |
| 1.5          | 额定载荷                                              | Rated capacity                                | Q(kg)     | 1500                                                                                        | 1500                                                                                                        |
| 1.6          | 载荷中心距                                             | Load center                                   | C(mm)     | 500                                                                                         | 500                                                                                                         |
| 1.7          | 前悬距                                               | Front overhang                                | x(mm)     | 120                                                                                         | 130                                                                                                         |
| 1.8          | 轴距                                                | Wheelbase                                     | y(mm)     | 1480                                                                                        | 1480                                                                                                        |
| 重量/Weight    |                                                   |                                               |           |                                                                                             |                                                                                                             |
| 2.1          | 整车重量 (含电池)                                        | Service weight(incl. battery)                 | kg        | 1850                                                                                        | 2100                                                                                                        |
| 轮胎/Tyre      |                                                   |                                               |           |                                                                                             |                                                                                                             |
| 3.1          | 轮胎类型, 驱动侧/承重侧                                     | Wheel type                                    |           | 聚氨酯 PU                                                                                      | 聚氨酯 PU                                                                                                      |
| 3.2          | 轮胎尺寸, 承重侧                                         | Loading wheel                                 | mm        | φ210×85                                                                                     | φ210×85                                                                                                     |
| 3.3          | 轮胎尺寸, 驱动侧                                         | Driving wheel                                 | mm        | φ230×75                                                                                     | φ230×75                                                                                                     |
| 3.4          | 稳定轮尺寸                                             | Steady wheel                                  | mm        | φ150×50                                                                                     | φ150×50                                                                                                     |
| 3.5          | 车轮数量, 前/后(x=驱动轮)                                  | Tyres,front/rear(X=drive wheel)               |           | 2/1x+2                                                                                      | 2/1x+2                                                                                                      |
| 3.6          | 轮距, 驱动侧                                           | Tread, driving wheel                          | b10(mm)   | 678                                                                                         | 678                                                                                                         |
| 尺寸/Dimension |                                                   |                                               |           |                                                                                             |                                                                                                             |
| 4.1          | 货叉倾斜范围, 前/后                                       | Tilt of fork, Forward/Backward                | α/β(°)    | /                                                                                           | /                                                                                                           |
| 4.2          | 门架闭合高度                                            | Height of mast closed                         | h1(mm)    | 参见门架参数according to the Mast parameters                                                      | 参见门架参数according to the Mast parameters                                                                      |
| 4.3          | 自由起升高度                                            | Free lift height                              | h2(mm)    | /                                                                                           | /                                                                                                           |
| 4.4          | 起升高度                                              | Lifting height                                | h3(mm)    | 参见门架参数according to the Mast parameters                                                      | 参见门架参数according to the Mast parameters                                                                      |
| 4.5          | 起升时门架最大高度(含挡货架)                                   | Height of mast extended (incl. Load-Backrest) | h4(mm)    | 参见门架参数according to the Mast parameters                                                      | 参见门架参数according to the Mast parameters                                                                      |
| 4.6          | 站板高度                                              | Pedal height                                  | h7(mm)    | 170                                                                                         | 170                                                                                                         |
| 4.7          | 作业时舵柄高度                                           | Handle height when working                    | h14(mm)   | /                                                                                           | /                                                                                                           |
| 4.8          | 支腿高度                                              | Support leg height                            | h8(mm)    | 245                                                                                         | 245                                                                                                         |
| 4.9          | 整车长度(踏板 收起/展开)                                    | Overall length(pedal off/on)                  | L1(mm)    | 2430/2830                                                                                   | 2480/2880                                                                                                   |
| 4.10         | 整车宽度                                              | Overall width                                 | b1/b2(mm) | 900/≤1120*                                                                                  | 900/1105                                                                                                    |
| 4.11         | 货叉尺寸                                              | Fork dimension                                | l/e/s(mm) | 1070/100/35                                                                                 | 1070/100/35                                                                                                 |
| 4.12         | 安装等级                                              | Installation class                            |           | 2A                                                                                          | 2A                                                                                                          |
| 4.13         | 货叉架宽度                                             | Fork carriage width                           | b3(mm)    | /                                                                                           | /                                                                                                           |
| 4.14         | 货叉外侧距                                             | Forks outside width                           | b5(mm)    | 220-610                                                                                     | 220-710                                                                                                     |
| 4.15         | 支腿内侧间距                                            | Fork legs inner width                         | b4(mm)    | /                                                                                           | /                                                                                                           |
| 4.16         | 前移距离                                              | Reach stroke                                  | l4(mm)    | 620                                                                                         | 620                                                                                                         |
| 4.17         | 门架离地间隙                                            | Mast ground clearance                         | m1(mm)    | 50                                                                                          | 50                                                                                                          |
| 4.18         | 直角堆垛通道宽度(托盘1000×1200)<br>1200跨货叉方向C500,(踏板 收起/展开) | Aisle width for pallet 1000*1200 crossway     | Ast(mm)   | 2800/3245                                                                                   | 2800/3245                                                                                                   |
| 4.19         | 直角堆垛通道宽度(托盘800×1200)<br>1200沿货叉方向C600,(踏板 收起/展开)  | Aisle width for pallet 800*1200 crossway      | Ast(mm)   | 2850/3295                                                                                   | 2850/3295                                                                                                   |
| 4.20         | 转弯半径(踏板 收起)                                       | Turning radius(pedal off)                     | Wa(mm)    | 1800                                                                                        | 1800                                                                                                        |
| 性能/Function  |                                                   |                                               |           |                                                                                             |                                                                                                             |
| 5.1          | 行驶速度, 满/空载                                        | Driving speed(load/unload)                    | km/h      | 4.0/5.8                                                                                     | 4.0/5.8                                                                                                     |
| 5.2          | 起升速度, 满/空载                                        | Lifting speed(load/unload)                    | mm/s      | 80/130                                                                                      | 120/150                                                                                                     |
| 5.3          | 下降速度, 满/空载                                        | Lowering speed(load/unload)                   | mm/s      | 100/130                                                                                     | 140/130                                                                                                     |
| 5.4          | 最大爬坡能力, 满/空载(S2-5min)                             | Max. climbing ability, load/unload(S2-5min)   | %(tanθ)   | 6/8                                                                                         | 6/8                                                                                                         |
| 5.5          | 制动方式                                              | Brake type                                    | —         | 电磁式 Electromagnetic                                                                         | 电磁式 Electromagnetic                                                                                         |
| 驱动/Driving   |                                                   |                                               |           |                                                                                             |                                                                                                             |
| 6.1          | 驱动电机功率, (S2-60min)                                | Driving motor, (S2-60min)                     | kw        | 1.5                                                                                         | 1.5                                                                                                         |
| 6.2          | 起升电机功率, (S3-10%)                                  | Lifting motor, (S3-10%)                       | kw        | *2/3                                                                                        | 3                                                                                                           |
| 6.3          | 蓄电池, 电压/额定容量                                      | Battery, Voltage/Capacity                     | V/Ah      | 24/210(选配270)<br>(270AH optional)                                                           | 24/210 (选配270)<br>(270AH optional)                                                                          |
| 6.4          | 电池重量                                              | Battery weight                                | kg        | 200                                                                                         | 200                                                                                                         |
| 6.5          | 转向系统                                              | Steering type                                 |           | 电转向 EPS                                                                                     | 电转向 EPS                                                                                                     |

\*MFA15整车宽度b2尺寸逐步由1005mm调整为1105mm,不影响整车性能。  
\*单缸两级门架, 起升高度H≥4000mm时,是29KW起升电机。  
\*单缸两级门架可选配货叉倾斜MFA15F16  
\*双缸两级门架可选配货叉倾斜MFA15F06  
\*三级普通门架可选配货叉倾斜MFA15S

\*The width (size of b2) of MFA15 gradually adjust from 1005mm to 1105mm. It does not affect the performance of the forklift.  
\*The forklift with Single cylinder and Duplex mast use 3kw lifting motor when lifting height H≥4000mm  
\*The duplex mast with single cylinder can be optional fork tilt MFA15F16  
\*The duplex mast with double cylinder can be optional fork tilt MFA15F06  
\*The ordinary triplex mast optional fork tilt MFA15S

| 标准/Standard  |                                                   |                                               |           |                                                                                                                       |                                                                                                            |
|--------------|---------------------------------------------------|-----------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1.1          | 制造厂商                                              | Manufacturer                                  |           | MiMA                                                                                                                  | MiMA                                                                                                       |
| 1.2          | 型号                                                | Model                                         |           | MFA2016(单缸单门架)<br>MFA2016(Single cylinder, single mast)<br>MFA20F01(单缸两级门架)<br>MFA20F01(Single cylinder, single mast) | MFA20F05(双缸两级门架)<br>MFA20F05(Double cylinders duplex mast)<br>MFA20SF01(三级普通门架)<br>MFA20SF01(Triplex mast) |
| 1.3          | 动力类型                                              | Power type                                    |           | 蓄电池 Battery                                                                                                           | 蓄电池 Battery                                                                                                |
| 1.4          | 驾驶方式                                              | Opertion type                                 |           | 站板式 Stand-on type                                                                                                     | 站板式 Stand-on type                                                                                          |
| 1.5          | 额定载荷                                              | Rated capacity                                | Q(kg)     | 2000                                                                                                                  | 2000                                                                                                       |
| 1.6          | 载荷中心距                                             | Load center                                   | C(mm)     | 500                                                                                                                   | 500                                                                                                        |
| 1.7          | 前悬距                                               | Front overhang                                | x(mm)     | 120                                                                                                                   | 130                                                                                                        |
| 1.8          | 轴距                                                | Wheelbase                                     | y(mm)     | 1680                                                                                                                  | 1680                                                                                                       |
| 重量/Weight    |                                                   |                                               |           |                                                                                                                       |                                                                                                            |
| 2.1          | 整车重量 (含电池)                                        | Service weight(incl. battery)                 | kg        | 2100                                                                                                                  | 2200                                                                                                       |
| 轮胎/Tyre      |                                                   |                                               |           |                                                                                                                       |                                                                                                            |
| 3.1          | 轮胎类型, 驱动侧/承重侧                                     | Wheel type                                    |           | 聚氨酯 PU                                                                                                                | 聚氨酯 PU                                                                                                     |
| 3.2          | 轮胎尺寸, 承重侧                                         | Loading wheel                                 | mm        | φ210×85                                                                                                               | φ210×85                                                                                                    |
| 3.3          | 轮胎尺寸, 驱动侧                                         | Driving wheel                                 | mm        | φ230×75                                                                                                               | φ230×75                                                                                                    |
| 3.4          | 稳定轮尺寸                                             | Steady wheel                                  | mm        | φ150×50                                                                                                               | φ150×50                                                                                                    |
| 3.5          | 车轮数量, 前/后(x=驱动轮)                                  | Tyres,front/rear(X=drive wheel)               |           | 2/1x+2                                                                                                                | 2/1x+2                                                                                                     |
| 3.6          | 轮距, 驱动侧                                           | Tread, driving wheel                          | b10(mm)   | 678                                                                                                                   | 678                                                                                                        |
| 3.7          | 轮距, 承重侧                                           | Tread, loading wheel                          | b11(mm)   | 1015                                                                                                                  | 1015                                                                                                       |
| 尺寸/Dimension |                                                   |                                               |           |                                                                                                                       |                                                                                                            |
| 4.1          | 货叉倾斜范围, 前/后                                       | Tilt of fork, Forward/Backward                | α/β(°)    | /                                                                                                                     | /                                                                                                          |
| 4.2          | 门架闭合高度                                            | Height of mast closed                         | h1(mm)    | 参见门架参数according to the Mast parameters                                                                                | 参见门架参数according to the Mast parameters                                                                     |
| 4.3          | 自由起升高度                                            | Free lift height                              | h2(mm)    | /                                                                                                                     | /                                                                                                          |
| 4.4          | 起升高度                                              | Lifting height                                | h3(mm)    | 参见门架参数according to the Mast parameters                                                                                | 参见门架参数according to the Mast parameters                                                                     |
| 4.5          | 起升时门架最大高度(含挡货架)                                   | Height of mast extended (incl. Load-Backrest) | h4(mm)    | 参见门架参数according to the Mast parameters                                                                                | 参见门架参数according to the Mast parameters                                                                     |
| 4.6          | 站板高度                                              | Pedal height                                  | h7(mm)    | 170                                                                                                                   | 170                                                                                                        |
| 4.7          | 作业时舵柄高度                                           | Handle height                                 | h14(mm)   | /                                                                                                                     | /                                                                                                          |
| 4.8          | 支腿高度                                              | Support leg height                            | h8(mm)    | 245                                                                                                                   | 245                                                                                                        |
| 4.9          | 整车长度(踏板 收起/展开)                                    | Overall length(pedal off/on)                  | L1(mm)    | 2560/2930                                                                                                             | 2600/2970                                                                                                  |
| 4.10         | 整车宽度                                              | Overall width                                 | b1/b2(mm) | 900/1105                                                                                                              | 900/1105                                                                                                   |
| 4.11         | 货叉尺寸                                              | Fork dimension                                | l/e/s(mm) | 1070/100/40                                                                                                           | 1070/100/40                                                                                                |
| 4.12         | 安装等级                                              | Installation class                            |           | 2A                                                                                                                    | 2A                                                                                                         |
| 4.13         | 货叉架宽度                                             | Fork carriage width                           | b3(mm)    | /                                                                                                                     | /                                                                                                          |
| 4.14         | 货叉外侧距                                             | Forks outside width                           | b5(mm)    | 220-710                                                                                                               | 220-710                                                                                                    |
| 4.15         | 支腿内侧间距                                            | Fork legs inner width                         | b4(mm)    | 822                                                                                                                   | 822                                                                                                        |
| 4.16         | 前移距离                                              | Reach stroke                                  | l4(mm)    | 670                                                                                                                   | 670                                                                                                        |
| 4.17         | 门架离地间隙                                            | Mast ground clearance                         | m1(mm)    | 50                                                                                                                    | 50                                                                                                         |
| 4.18         | 直角堆垛通道宽度(托盘1000×1200)<br>1200跨货叉方向C500,(踏板 收起/展开) | Aisle width for pallet 1000*1200 crossway     | Ast(mm)   | 2900/3300                                                                                                             | 2900/3300                                                                                                  |
| 4.19         | 直角堆垛通道宽度(托盘800×1200)<br>1200沿货叉方向C600,(踏板 收起/展开)  | Aisle width for pallet 800*1200 crossway      | Ast(mm)   | 2900/3300                                                                                                             | 2900/3300                                                                                                  |
| 4.20         | 转弯半径(踏板 收起)                                       | Turning radius(pedal off)                     | Wa(mm)    | 1985/2400                                                                                                             | 1985/2400                                                                                                  |
| 性能/Funtion   |                                                   |                                               |           |                                                                                                                       |                                                                                                            |
| 5.1          | 行驶速度, 满/空载                                        | Driving speed(load/unload)                    | km/h      | 4.0/5.8                                                                                                               | 4.0/5.8                                                                                                    |
| 5.2          | 起升速度, 满/空载                                        | Lifting speed(load/unload)                    | mm/s      | 95/150                                                                                                                | 95/150                                                                                                     |
| 5.3          | 下降速度, 满/空载                                        | Lowering speed(load/unload)                   | mm/s      | 100/95                                                                                                                | 100/95                                                                                                     |
| 5.4          | 最大爬坡能力, 满/空载(S2-5min)                             | Max. climbing ability, load/unload(S2-5min)   | %(tanθ)   | 6/8                                                                                                                   | 6/8                                                                                                        |
| 5.5          | 制动方式                                              | Brake type                                    |           | 电磁式 Electromagnetic                                                                                                   | 电磁式 Electromagnetic                                                                                        |
| 驱动/Driving   |                                                   |                                               |           |                                                                                                                       |                                                                                                            |
| 6.1          | 驱动电机功率(S2-60min)                                  | Driving motor, (S2-60min)                     | kw        | 1.5                                                                                                                   | 1.5                                                                                                        |
| 6.2          | 起升电机功率, (S3-10%)                                  | Lifting motor, (S3-10%)                       | kw        | 3                                                                                                                     | 3                                                                                                          |
| 6.3          | 蓄电池, 电压/额定容量                                      | Battery, Voltage/Capacity                     | V/Ah      | 24/210(选配270)<br>(270AH optional)                                                                                     | 24/210 (选配270)<br>(270AH optional)                                                                         |
| 6.4          | 电池重量                                              | Battery weight                                | kg        | 200                                                                                                                   | 200                                                                                                        |
| 6.5          | 转向系统                                              | Steering type                                 |           | 电转向 EPS                                                                                                               | 电转向 EPS                                                                                                    |

\*单缸两级门架可选配货叉倾斜MFA20F16  
\*双缸两级门架可选配货叉倾斜MFA20F06  
\*三级普通门架可选配货叉倾斜MFA20S

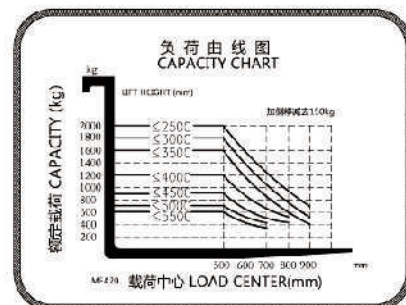
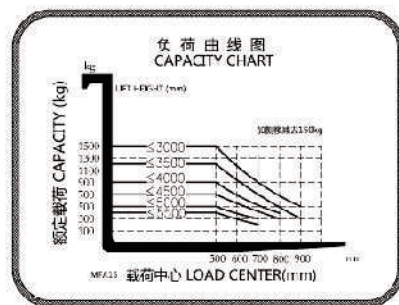
\*The duplex mast with single cylinder can be optional fork tilt MFA20F16  
\*The duplex mast with double cylinder can be optional fork tilt MFA20F06  
\*The ordinary triplex mast optional fork tilt MFA20S

门架资料 MAST SPECIFICATION

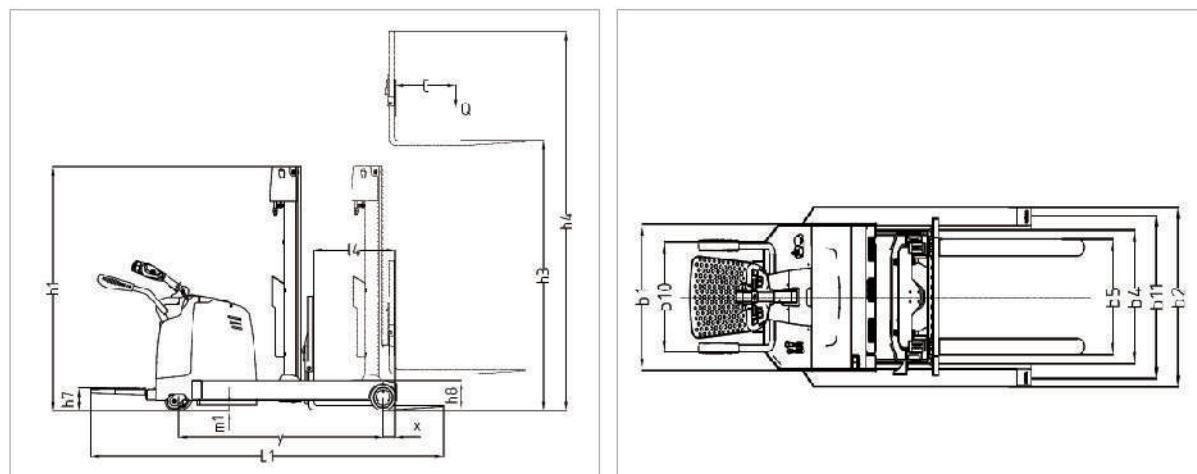
| MFA15系列前移式叉车 / Reach Truck MFA15 Series                       |                                                                                                                                                                                                    |                                |                          |                          |                          |                          |                          |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                                               | 两级门架(标准车 MFA15F01: 单缸 两级门架 不带倾斜)<br>(选配车 MFA15F16: 单缸 两级门架 带货叉倾斜 前3°后5°)<br>Duplex mast(MFA15F01:single cyliner duplex without fork tilt)<br>(MFA15F16:single cylinder duplex mast with fork tilt) |                                |                          |                          |                          |                          |                          |
| 型号 Model                                                      | MFA                                                                                                                                                                                                | MFA1516<br>MFA1516F06<br>(单门架) | MFA1525F01<br>MFA1525F16 | MFA1530F01<br>MFA1530F16 | MFA1535F01<br>MFA1535F16 | MFA1540F01<br>MFA1540F16 | MFA1545F01<br>MFA1545F16 |
| 起升高度 Lifting height                                           | h3(mm)                                                                                                                                                                                             | 1600                           | 2500                     | 3000                     | 3500                     | 4000                     | 4500                     |
| 起升时门架最大高度(含挡货架)<br>Height-Mast Extended<br>with load-backrest | h4(mm)                                                                                                                                                                                             | 2500                           | 3400                     | 3900                     | 4400                     | 4900                     | 5400                     |
| 闭合门架高度 Height-Mast Lowered                                    | h1(mm)                                                                                                                                                                                             | 2090                           | 1760                     | 2010                     | 2260                     | 2560                     | 2810                     |
|                                                               | 两级门架 (选配车 MFA15F05 双缸 两级门架 不带倾斜)<br>(选配车 MFA15F06 双缸 两级门架 带货叉倾斜 前3°后5°)<br>Duplex mast(MFA15F05:double cyliners duplex without fork tilt)<br>(MFA15F06:single cylinder duplex mast with fork tilt) |                                |                          |                          |                          |                          |                          |
| 型号 Model                                                      | MFA                                                                                                                                                                                                | MFA1525F05<br>MFA1525F06       | MFA1530F05<br>MFA1530F06 | MFA1535F05<br>MFA1535F06 | MFA1540F05<br>MFA1540F06 | MFA1545F05<br>MFA1545F06 |                          |
| 起升高度 Lifting height                                           | h3(mm)                                                                                                                                                                                             | 2500                           | 3000                     | 3500                     | 4000                     | 4500                     |                          |
| 起升时门架最大高度(含挡货架)<br>Height-Mast Extended<br>with load-backrest | h4(mm)                                                                                                                                                                                             | 3460                           | 3960                     | 4460                     | 4960                     | 5460                     |                          |
| 闭合门架高度 Height-Mast Lowered                                    | h1(mm)                                                                                                                                                                                             | 1830                           | 2080                     | 2330                     | 2630                     | 2880                     |                          |
|                                                               | 三级普通门架 (标准车 MFA15SF01 三级普通门架 不带倾斜)<br>(选配车 MFA15S 三级普通门架 带货叉倾斜 前3°后5°)<br>Triplex mast(MFA15SF01:triplex mast without fork tilt)<br>(MFA15S:triplex mast with fork tilt)                           |                                |                          |                          |                          |                          |                          |
| 型号 Model                                                      | MFA                                                                                                                                                                                                | MFA1540SF01<br>MFA1540S        | MFA1545SF01<br>MFA1545S  | MFA1550SF01<br>MFA1550S  | MFA1555SF01<br>MFA1555S  |                          |                          |
| 起升高度 Lifting height                                           | h3(mm)                                                                                                                                                                                             | 4000                           | 4500                     | 5000                     | 5500                     |                          |                          |
| 起升时门架最大高度(含挡货架)<br>Height-Mast Extended<br>with load-backrest | h4(mm)                                                                                                                                                                                             | 4950                           | 5450                     | 5950                     | 6450                     |                          |                          |
| 闭合门架高度 Height-Mast Lowered                                    | h1(mm)                                                                                                                                                                                             | 1914                           | 2080                     | 2246                     | 2413                     |                          |                          |

| MFA20系列前移式叉车 / Reach Truck MFA20 Series                       |                                                                                                                                                                                                      |                                |                          |                          |                          |                          |                          |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                                               | 两级门架(标准车 MFA20F01: 单缸 两级门架 不带倾斜)<br>(选配车 MFA20F16: 单缸 两级门架 带货叉倾斜 前3°后5°)<br>Duplex mast(MFA20F01:single cylinder duplex without fork tilt)<br>(MFA20F16:single cylinder duplex mast with fork tilt)  |                                |                          |                          |                          |                          |                          |
| 型号 Model                                                      | MFA                                                                                                                                                                                                  | MFA2016<br>MFA2016F06<br>(单门架) | MFA2025F01<br>MFA2025F16 | MFA2030F01<br>MFA2030F16 | MFA2035F01<br>MFA2035F16 | MFA2040F01<br>MFA2040F16 | MFA2045F01<br>MFA2045F16 |
| 起升高度 Lifting height                                           | h3(mm)                                                                                                                                                                                               | 1600                           | 2500                     | 3000                     | 3500                     | 4000                     | 4500                     |
| 起升时门架最大高度(含挡货架)<br>Height-Mast Extended<br>with load-backrest | h4(mm)                                                                                                                                                                                               | 2500                           | 3400                     | 3900                     | 4400                     | 4900                     | 5400                     |
| 闭合门架高度 Height-Mast Lowered                                    | h1(mm)                                                                                                                                                                                               | 2090                           | 1760                     | 2010                     | 2260                     | 2560                     | 2810                     |
|                                                               | 两级门架 (选配车 MFA20F05 双缸 两级门架 不带倾斜)<br>(选配车 MFA20F06 双缸 两级门架 带货叉倾斜 前3°后5°)<br>Duplex mast(MFA20F05:double cylinders duplex without fork tilt)<br>(MFA20F06:double cylinders duplex mast with fork tilt) |                                |                          |                          |                          |                          |                          |
| 型号 Model                                                      | MFA                                                                                                                                                                                                  | MFA2025F05<br>MFA2025F06       | MFA2030F05<br>MFA2030F06 | MFA2035F05<br>MFA2035F06 | MFA2040F05<br>MFA2040F06 | MFA2045F05<br>MFA2045F06 |                          |
| 起升高度 Lifting height                                           | h3(mm)                                                                                                                                                                                               | 2500                           | 3000                     | 3500                     | 4000                     | 4500                     |                          |
| 起升时门架最大高度(含挡货架)<br>Height-Mast Extended<br>with load-backrest | h4(mm)                                                                                                                                                                                               | 3460                           | 3960                     | 4460                     | 4960                     | 5460                     |                          |
| 闭合门架高度 Height-Mast Lowered                                    | h1(mm)                                                                                                                                                                                               | 1830                           | 2080                     | 2330                     | 2630                     | 2880                     |                          |
|                                                               | 三级普通门架 (标准车 MFA20SF01 三级普通门架 不带倾斜)<br>(选配车 MFA20S 三级普通门架 带货叉倾斜 前3°后5°)<br>Triplex mast(MFA20SF01:triplex mast without fork tilt)<br>(MFA20S:triplex mast with fork tilt)                             |                                |                          |                          |                          |                          |                          |
| 型号 Model                                                      | MFA                                                                                                                                                                                                  | MFA2040SF01<br>MFA2040S        | MFA2045SF01<br>MFA2045S  | MFA2050SF01<br>MFA2050S  | MFA2055SF01<br>MFA2055S  |                          |                          |
| 起升高度 Lifting height                                           | h3(mm)                                                                                                                                                                                               | 4000                           | 4500                     | 5000                     | 5500                     |                          |                          |
| 起升时门架最大高度(含挡货架)<br>Height-Mast Extended<br>with load-backrest | h4(mm)                                                                                                                                                                                               | 4950                           | 5450                     | 5950                     | 6450                     |                          |                          |
| 闭合门架高度 Height-Mast Lowered                                    | h1(mm)                                                                                                                                                                                               | 1914                           | 2080                     | 2246                     | 2413                     |                          |                          |

## 载荷曲线图 LOAD CHART



## 产品尺寸 Product size



## 产品简述 PRODUCT DESCRIPTION

- MFA 系列前移式叉车超大前移行程，带来更小的通道体验，蓄电池电力驱动，最大承载能力2.0T。  
The MFA series reach truck has a large forward travel which brings a smaller channel experience. It is powered by battery. The MAX load capacity is 2.0T.
- 中载货物水平搬运及堆垛；  
Horizontal handling and stacking of medium cargo;
- 中长距离搬运及堆垛；  
Handling and stacking for medium and long distances;
- 可以在封闭式托盘、托盘离地高度很小以及货架底部无伸腿空间等场合发挥作用。  
It can be used in the place where need to use closed trays, the height of the trays is small, and the absence of legroom at the bottom of the shelves.



单面托盘  
Single-deck Pallet



双面托盘  
Double-deck Pallet

- 适用于单/双面托盘作业，配备锻造货叉。
- For single-deck/double-deck pallet with forging fork.

前移式叉车(舵柄式)  
ELECTRIC REACH TRUCK  
(Handle Type)



## 产品特点 PRODUCT FEATURES

- 01 免维护大功率交流驱动系统，提供可靠驱动力；  
Maintenance-free and high power AC drive system provide reliable driving power;
- 02 标配CURTIS系列控制器，可靠、耐用；AMP防水防尘插件，给予线路可靠保护，大大降低了电器故障；  
CURTIS controller is reliable and durable; AMP waterproof and dustproof plug which gives reliable protection to the line and greatly reduces electrical faults;
- 03 站板式，纯电子转向，集成式操纵手柄，安全、省力、操作灵活；  
Stand on type, EPS steering and integrated Handle make work safe, labor-saving, flexible operation
- 04 全新设计的浮动式悬挂系统，使得转向操作更加灵活方便；  
The newly designed floating suspension system makes the steering operation more flexible and convenient
- 05 采用5支点低重心设计，车架为高强度钢板框架结构，具备较大的剩余承载能力，使用寿命长。  
It adopts 5 points and low gravity center design and the frame is high-strength steel structure. It has residual load capacity and long service life.

## 产品亮点 PRODUCT ADVANTAGES

### 性能/Performance

- 站驾式标配电转向，使得操控更轻便灵活；  
The stand-on type standard use EPS steering which makes the control lighter and more flexible;
- 最新的CURTIS交流控制系统，控制精确平稳，效率更高；  
The latest CURTIS AC control system which provides precise and stable control.

### 舒适性/Comfort

- 站驾踏板采用减震设计，使站乘舒适性大大提高，减轻长时间驾驶疲劳；  
The stand-on type standard use EPS steering which makes the control lighter and more flexible;
- 采用集成式操纵手柄，简洁美观，所有操作功能均可单手轻松完成；  
The latest CURTIS AC control system which provides precise and stable control.

### 可靠性/Reliability

- 采用5支点低重心设计，车架为高强度钢板框架结构，具备较大的富余承载能力，使用寿命长；  
It adopts 5-point and low gravity center design and the frame is a high-strength steel structure. It has residual load capacity and long service life.
- 全系采用进口防水接插件，所有电线电缆均有可靠的保护，大大提高了电气系统的可靠性；  
The whole system adopts imported waterproof plugs which provide reliable protection of all wires. It improves the reliability of the electric system.

### 安全性/Safety

- 具有释放制动、反向制动以及紧急制动三种制动功能，确保行车的安全；  
It has three kinds of braking functions: release brake, reverse brake and emergency brake to ensure the safety of driving;
- 站驾式护栏一体成型，能更好的保护操作者；  
The stand-on guardrail is integrally formed which can better protect the operator;
- 站驾式标配车速随转向角度增加自动降低的功能；  
The stand-on forklift is equipped with the function that the speed is automatically reduced with the increase of the steering angle;
- 具有下降缓冲功能，有效保护货物安全。  
It has a descending buffer function to protect cargo safety.

## 定制解决方案 CUSTOMIZED SOLUTIONS

