

# MAXIMAL FORKLIFT



## M SERIES

1.0 / 1.5 / 2.0 / 2.5 / 3.0t

Electric Forklift (Four Wheel)

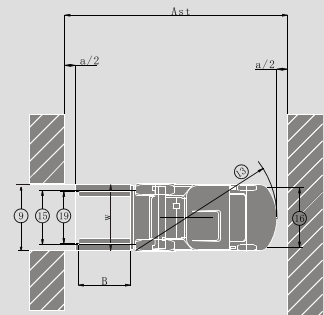
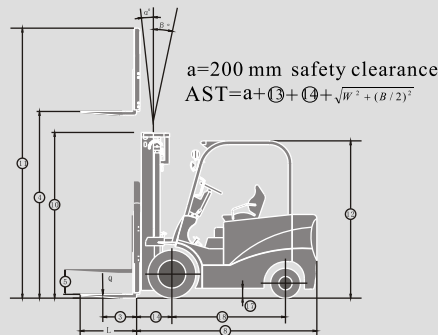
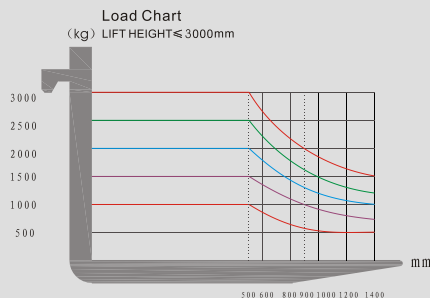
**R&R Forklift Inc** *"The Forklift Parts Specialists"*



# MAXIMAL FORKLIFT SPECIFICATION

## M series 1.0-3.0t Electric Four Wheel Forklift Specification

| Specification | Model                                  |                                   |                          | FB 10-MQJ Z2 | FB 10-MQJ D2         | FB 15-MQJ Z2 | FB 15-MQJ D2 | FB 20-MQJ Z2 | FB 20-MQJ D2 | FB 25-MQJ Z2 | FB 25-MQJ D2 | FB 30-MQJ Z2 | FB 30-MQJ D2 |      |
|---------------|----------------------------------------|-----------------------------------|--------------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|
|               | Rated capacity                         |                                   |                          | kg           | 1000                 |              | 1500         |              | 2000         |              | 2500         |              | 3000         |      |
|               | Load centre                            |                                   |                          | mm           | 500                  |              |              |              |              |              |              |              |              |      |
|               | Lifting height                         |                                   |                          | mm           | 3000                 |              |              |              |              |              |              |              |              |      |
|               | Free lifting height                    |                                   |                          | mm           | 120                  |              | 120          |              | 120          |              | 120          |              | 145          |      |
|               | Fork size                              |                                   | T x W x L                | mm           | 35x120x920           |              | 35x120x920   |              | 40x122x1070  |              | 40x122x1070  |              | 45x130x1070  |      |
|               | Tilting angle                          |                                   | F/R                      | Deg          | 6°/12°               |              |              |              |              |              |              |              |              |      |
| Dimensions    | 8                                      | Overall Dimension                 | Length (to forkface)     | mm           | 2140                 |              | 2160         |              | 2320         |              | 2340         |              | 2525         |      |
|               | 9                                      |                                   | Width                    | mm           | 1080                 |              | 1080         |              | 1150         |              | 1150         |              | 1225         |      |
|               | 10                                     |                                   | Height when mast lowered | mm           | 1995                 |              | 1995         |              | 2045         |              | 2045         |              | 2090         |      |
|               | 11                                     |                                   | Height when mast lifting | mm           | 3935                 |              | 3935         |              | 4000         |              | 4000         |              | 4160         |      |
|               | 12                                     |                                   | Height to safeguard      | mm           | 2130                 |              | 2130         |              | 2110         |              | 2110         |              | 2110         |      |
|               | 13                                     | Turning radius                    | Min.                     | mm           | 1950                 |              | 1980         |              | 2030         |              | 2060         |              | 2250         |      |
|               | 14                                     | Overhang                          | mm                       | 420          |                      | 420          |              | 460          |              | 460          |              | 475          |              |      |
|               | 15/16                                  | Tread(Front/Rear)                 | mm                       | 890/920      |                      | 890/920      |              | 970/950      |              | 970/950      |              | 1000/970     |              |      |
|               | 17                                     | Ground clearance                  | Min.                     | mm           | 110                  |              | 110          |              | 120          |              | 120          |              | 130          |      |
|               | 18                                     | Wheelbase                         | mm                       | 1380         |                      | 1380         |              | 1500         |              | 1500         |              | 1600         |              |      |
|               | 19                                     | Fork spread                       | Min./Max.                | mm           | 240/1000             |              | 240/1000     |              | 244/1100     |              | 244/1100     |              | 260/1100     |      |
| 20            | Working aisle width with pallet (Ast)* | 1000x1200 crossways               | mm                       | 3556         |                      | 3556         |              | 3910         |              | 3910         |              | 4070         |              |      |
| 21            |                                        | 800x1200 lengthways               | mm                       | 3655         |                      | 3655         |              | 4010         |              | 4010         |              | 4170         |              |      |
| Performance   | 22                                     | Speed                             | Travel (Laden)           | km/h         | 14                   |              |              |              |              |              |              |              |              |      |
|               | 23                                     |                                   | Travel (Unladen)         | km/h         | 15                   |              | 15           |              | 15           |              | 15           |              | 14.5         |      |
|               | 24                                     |                                   | Lifting (Laden)          | mm/s         | 280                  |              | 280          |              | 280          |              | 270          |              | 280          |      |
|               | 25                                     |                                   | Lifting (Unladen)        | mm/s         | 380                  |              | 440          |              | 480          |              | 440          |              | 440          |      |
|               | 26                                     | Gradeability                      | Laden                    | %            | 15                   |              | 15           |              | 15           |              | 15           |              | 13           |      |
|               | 27                                     |                                   | Unladen                  | %            | 15                   |              | 15           |              | 15           |              | 15           |              | 14           |      |
|               | 28                                     | Service weight                    | Include battery box      | kg           | 2890                 |              | 3050         |              | 4100         |              | 4300         |              | 5150         |      |
| Driven        | 29                                     | Tyre                              | FrontX2                  |              | 6.50-10-10PR         |              | 6.50-10-10PR |              | 7.00-12-12PR |              | 7.00-12-12PR |              | 28x8-15-12PR |      |
|               | 30                                     |                                   | RearX2                   |              | 5.00-8-8PR           |              | 5.00-8-8PR   |              | 18x7-8-14PR  |              | 18x7-8-14PR  |              | 18x7-8-14PR  |      |
|               | 31                                     | Motor                             | Driven motor             | kw           | 7.5                  |              | 7.5          |              | 11           |              | 11           |              | 12           |      |
|               | 32                                     |                                   | Pump motor               | kw           | 9.2                  |              | 9.2          |              | 11           |              | 11           |              | 12           |      |
|               | 33                                     | Battery                           | Standard                 | V/Ah         | 48/450               |              | 48/450       |              | 48/600       |              | 48/600       |              | 80/500       |      |
|               | 34                                     | Controller                        | Type                     |              | AC                   |              |              |              |              |              |              |              |              |      |
|               | 35                                     |                                   | Manufacturer             |              | ZAPI / DanaherMotion |              |              |              |              |              |              |              |              |      |
|               | 36                                     | Operating pressure for attachment |                          |              | Mpa                  | 14.5         |              | 14.5         |              | 17.5         |              | 17.5         |              | 17.5 |



**R&R Forklift Inc**  
 63 McIntyre Place  
 Unit #7 & 14  
 Kitchener, Ontario  
 N2R 1J5



Phone: +1 (519) 748-2287  
 Fax: +1 (519) 748-2297  
 Email: [parts@rrforklift.com](mailto:parts@rrforklift.com)  
 Online: [www.rrforklift.com](http://www.rrforklift.com)