

## ROUGH TERRAIN FORKLIFTS

**FL**  
**2,5A**

PRELIMINARY



CONSTRUCTION



LOGISTIC

|                             |                                                             |                                      |
|-----------------------------|-------------------------------------------------------------|--------------------------------------|
| <b>Model Identification</b> | Model name                                                  | FL2,5A                               |
|                             | Load Capacity - with STD WVM3,0                             | 2,500 kg                             |
|                             | Load center                                                 | 500 mm                               |
|                             | Power source                                                | Diesel                               |
|                             | Distance from the center of the front axle to the fork deck | 600 mm                               |
| <b>Weight</b>               | Weight                                                      | 5,400 kg                             |
|                             | Weight on front axle (laden) / rear axle (laden)            | 6,810/1,090 kg                       |
|                             | Weight on front axle (unladen) / rear axle (unladen)        | 2,390/3,010 kg                       |
| <b>Wheels</b>               | Tyres type                                                  | Pneumatic                            |
|                             | Tyres brand                                                 | Exmle                                |
|                             | Dimensions of front wheels                                  | 12-16.5-14PR                         |
|                             | Dimensions of rear wheels                                   | 10,0/75-15,3                         |
|                             | Number of wheels drive                                      | 4WD - 2X /2X                         |
| <b>Stage III engine</b>     | Model name ID                                               | FL2,5 RT-Y/A                         |
|                             | Engine brand and model                                      | YANMAR 4TNE98                        |
|                             | Engine cylinders/displacement                               | 4/3319                               |
|                             | Rated speed                                                 | 2,300 rpm                            |
|                             | Engine emission stage                                       | Stage IIIA                           |
|                             | Kw/(hp)                                                     | 42.1 kW (56hp)                       |
| <b>Performances</b>         | Travel speed (laden/unladen)                                | 23/25 km/h                           |
|                             | Lifting speed (laden/unladen)                               | 0.50/0.51 m/s                        |
|                             | Lowering speed (laden/unladen)                              | 0.4/0.45 m/s                         |
|                             | Drawbar pull (laden)                                        | 4,200 daN                            |
|                             | Gradeability (laden)                                        | 60 %                                 |
|                             | Transmission model                                          | 4F35S                                |
|                             | Transmission type                                           | Hydraulic - 3-speed Powershift       |
|                             | Axles type                                                  | Wet braking                          |
|                             | Differential with automatic locking function                | Electric differential lock by manual |
|                             | Service brake                                               | Hydraulic                            |
|                             | Park brake                                                  | Mechanical                           |
|                             | Battery                                                     | 12 V                                 |
|                             | Working hydraulic pressure for attachments                  | 185 bar                              |
|                             | Oil flow rate for attachments                               | 80 l/min                             |
| <b>Others</b>               | Noise level Lwa dB(A) guaranteed                            | WIP                                  |

## FULL COSTUMIZATION POTENTIAL

You can get max comfort even in extreme environments! Choose from a full list of options for your forklift from the sound-absorbing panel to the closed cab.

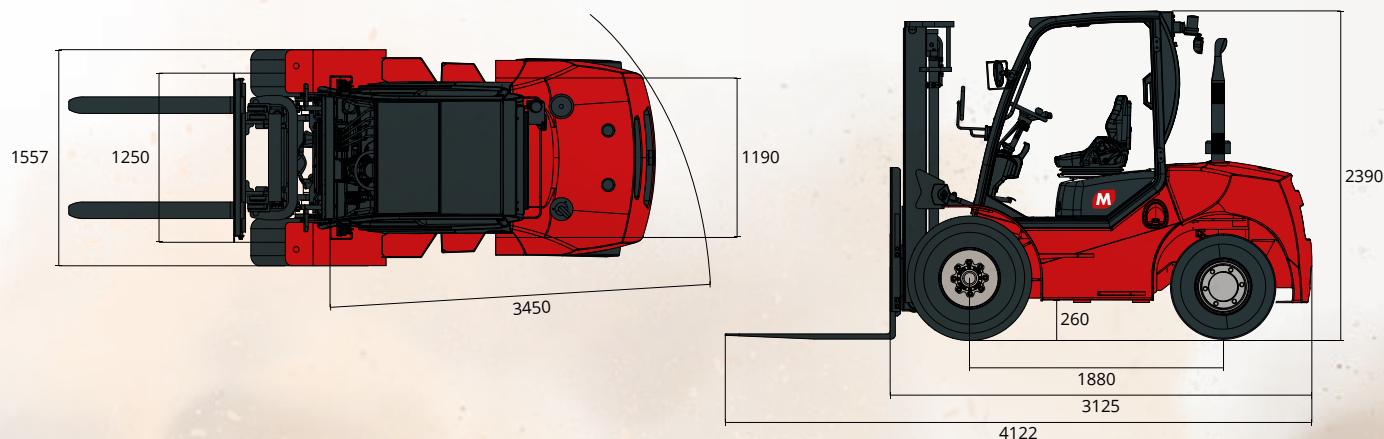
Get the best efficiency and versatility for your workday.



## FULLY CLOSED CAB AVAILABLE AS AN OPTION

Customize your machine with a fully enclosed cabin, full-height doors, and an optional air conditioning and heating system for ultimate operator comfort and flexibility.

# DIMENSIONS

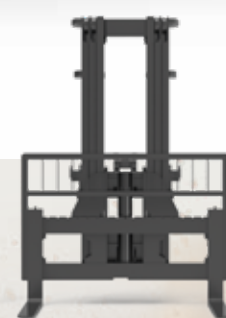
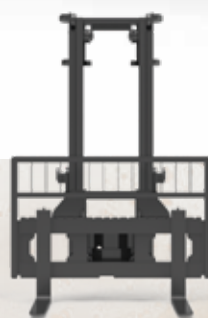


**EXCEPTIONAL**  
**OFF-ROAD TRACTION**

**EXCELLENT**  
**MANEUVERABILITY**

**ROBUST**  
**AND DURABLE MATERIALS**

**GREAT**  
**LOAD CAPACITY**  
**& LIFTING HEIGHT**



## MASTS

| Type                                     |                                       | Wide View |           |           | Triplex   |           |           |           |           |
|------------------------------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Model                                    |                                       | M-FL-1001 | M-FL-1002 | M-FL-1003 | M-FL-1004 | M-FL-1005 | M-FL-1006 | M-FL-1007 | M-FL-1008 |
| Configuration                            |                                       | std       | opt       | opt       | opt       | opt       | opt       | opt       | opt       |
| Max. lifting height (mm)                 |                                       | 3,000     | 3,700     | 4,000     | 4,000     | 4,300     | 4,500     | 4,700     | 5,000     |
| Max. height (mm)                         | Lowered height                        | 2,215     | 2,615     | 2,815     | 2,115     | 2,215     | 2,265     | 2,365     | 2,515     |
|                                          | Extended height without load backrest | 3,782     | 4,482     | 4,782     | 4,860     | 5,160     | 5,360     | 5,560     | 5,860     |
| Free lift height (mm)                    | Without load backrest                 | 140       | 140       | 140       | 1,255     | 1,355     | 1,405     | 1,505     | 1,655     |
| Front overhang (mm)                      |                                       | 585       | 585       | 585       | 603       | 603       | 603       | 603       | 603       |
| Tilting angle                            | Front                                 | 10        | 10        | 10        | 10        | 10        | 10        | 10        | 6         |
|                                          | Rear                                  | 12        | 12        | 12        | 12        | 12        | 12        | 12        | 6         |
| Load Capacity (kg)<br>500 mm load center | ISO 22915-2                           | 2,500     | 2,500     | 2,500     | 2,500     | 2,400     | 2,200     | 2,000     | 1,900     |
|                                          | ISO 22915-13                          | 2,500     | 2,500     | 2,100     | 2,000     | 1,900     | 1,700     | 1,400     | 1,100     |

With Cascade fork positioner -300Kg on load capacity.

With Cascade sideshifter and fork positioner -500Kg on load capacity

## FEATURES FL 2,5A

- OHG cabin
- Road lights front and rear
- Flashing amber beacon light
- Right & left rear view mirrors
- 4 valve and piping
- Tie-down rings
- Suspended seat
- Comfort armrest
- 4-inch LCD display
- Emergency stop button inside of the cabin
- Hourmeter
- Back-up buzzer
- Manual parking brake
- Seat belt interlock system predisposition (OPS needed if required)

## OPTIONS FL 2,5A

- Front window with wiper
- Rear window with wiper
- Closed cabin
- Heater
- Air conditioning
- Noise insulating pad
- Super elastic tyre (replace standard tyres)
- Front solid tyres
- No marking tyres
- Front working light
- European standard 7-core waterproof socket
- Sparkle arrestor
- Blue signal light
- Panoramic spherical mirror
- Additional lockable main power switch inside of the cab
- Operator presence system (OPT) with alarm - CE 2023
- Operator presence system with engine inhibition - mandatory for Australia
- Customized painting
- Predisposition for road registration
- Fleet management - CAN-bus plug predisposition

## FULL RANGE



FL 2,5A



FL 3,0A



FL 3,5A



FL 5,0A