

ROUGH TERRAIN FORKLIFTS

FL

3,5A



CONSTRUCTION



LOGISTIC

Model Identification	Model name	FL3,5A
	Load Capacity - with STD WVM3,0	3,500 kg
	Load center	500 mm
	Power source	Diesel
	Distance from the center of the front axle to the fork deck	600 mm
Weight	Weight	5,600 kg
	Weight on front axle (laden) / rear axle (laden)	7,900/1,200 kg
	Weight on front axle (unladen) / rear axle (unladen)	2,300/3,300 kg
Wheels	Tyres type	Pneumatic
	Tyres brand	Exmille
	Dimensions of front wheels	14-17.5-14PR
	Dimensions of rear wheels	10,0/75-15,3
	Number of wheels drive	4WD - 2X /2X
Stage III engine	Model name ID	FL3,5 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)
Performances	Travel speed (laden/unladen)	24/26 km/h
	Lifting speed (laden/unladen)	0.43/0.51 m/s
	Lowering speed (laden/unladen)	0.5/0.45 m/s
	Drawbar pull (laden)	4,500 daN
	Gradeability (laden)	52 %
	Transmission model	4F35S
	Transmission type	Suspended hydraulic
	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
Others	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.

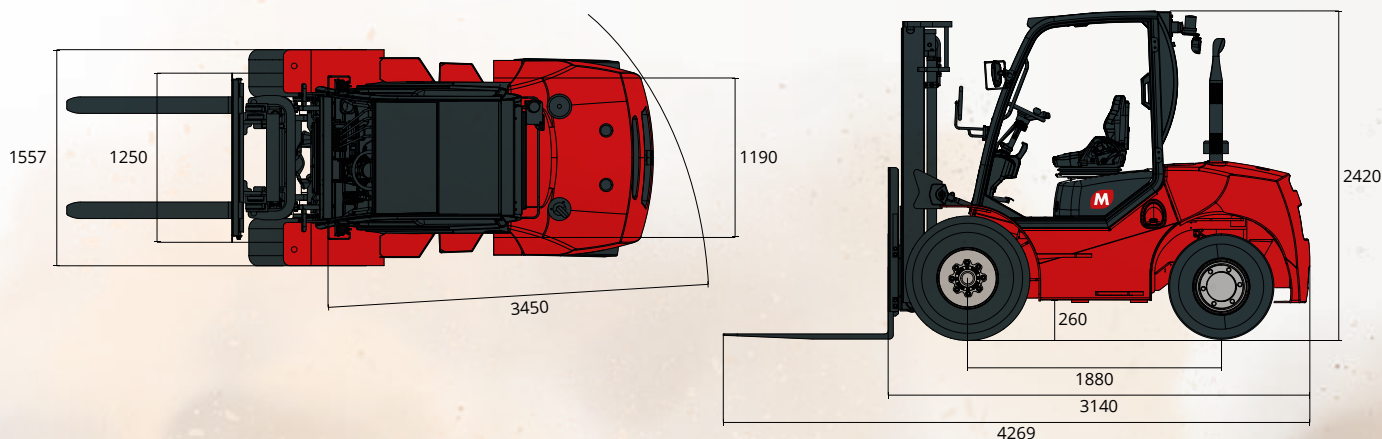
Get the best efficiency and versatility for your workday.



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

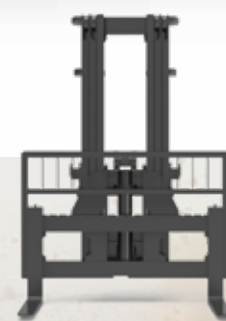
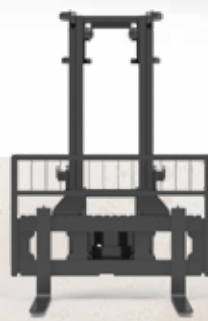


EXCEPTIONAL
OFF-ROAD TRACTION

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	2,350	2,700	2,950	2,300	2,400	2,450	2,550	2,700
	Extended height without load backrest	3,993	4,693	4,993	5,025	5,325	5,525	5,725	6,025
Free lift height (mm)	Without load backrest	150	150	150	1,031	1,131	1,181	1,281	1,431
Front overhang (mm)		600	600	600	618	618	618	618	618
Tilting angle	Front	10	10	10	10	10	10	10	6
	Rear	12	12	12	12	12	12	12	6
Load Capacity (kg) 500 mm load center	ISO 22915-2	3,500	3,500	3,400	3,300	3,000	2,900	2,700	2,500
	ISO 22915-13	3,500	2,800	2,500	2,400	2,200	1,900	1,500	1,200

With Cascade fork positioner -300Kg on load capacity.

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

FEATURES FL 3,5A

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
Seat belt interlock system predisposition (OPS needed if required)
Comfort armrest
4-inch LCD display
Emergency stop button inside of the cabin
Hourmeter
Back-up buzzer
Manual parking brake
Additional lockable main power switch inside of the cab

OPTIONS FL 3,5A

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
Non-marking tyres
2 front working lights
European standard 7-core waterproof socket
5th additional hose
5th additional valve
Sparkle arrestor
Blue signal light
Panoramic spherical mirror
Operator presence system (OPT) with alarm - CE 2023
Operator presence system with engine inhibition - mandatory for Australia
Customized painting
CCV system heater
Road homologation kit - vehicle registration included
Road use predisposition Italy - mandatory for road circulation
Fleet management - CAN-bus plug predisposition

FULL RANGE



FL 2,5A



FL 3,0A



FL 3,5A



FL 5,0A