

ROUGH TERRAIN FORKLIFTS

FL

3,5

PRELIMINARY



CONSTRUCTION



LOGISTIC

Model Identification	Model name	FL3,5
	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	6,150 kg
	Weight on front axle (laden) / rear axle (laden)	8,320/1,330 kg
	Weight on front axle (unladen) / rear axle (unladen)	2,720/3,430 kg
Wheels	Tyres type	Pneumatic
	Tyres brand	Exmile
	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 V engine	Model name ID	FL3,5-K/V
	Engine brand and model	KUBOTA V2607-CR-TE5B
	Engine cylinders/displacement	4/2615
	Rated speed	2,400 rpm
	Engine emission stage	Stage V
	Kw/(hp)	47.3 kW (63hp)
	Travel speed (laden/unladen)	23/25 km/h
	Lifting speed (laden/unladen)	0.36/0.41 m/s
	Lowering speed (laden/unladen)	0.4/0.45 m/s
	Drawbar pull (laden)	4,900 daN
	Gradeability (laden)	54 %
	Transmission model	4F355
Performances	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
Others	Working hydraulic pressure for attachments	185 bar
	Oil flow rate for attachments	80 l/min
	Noise level Lwa dB(A) guaranteed	101 dB(A)

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.

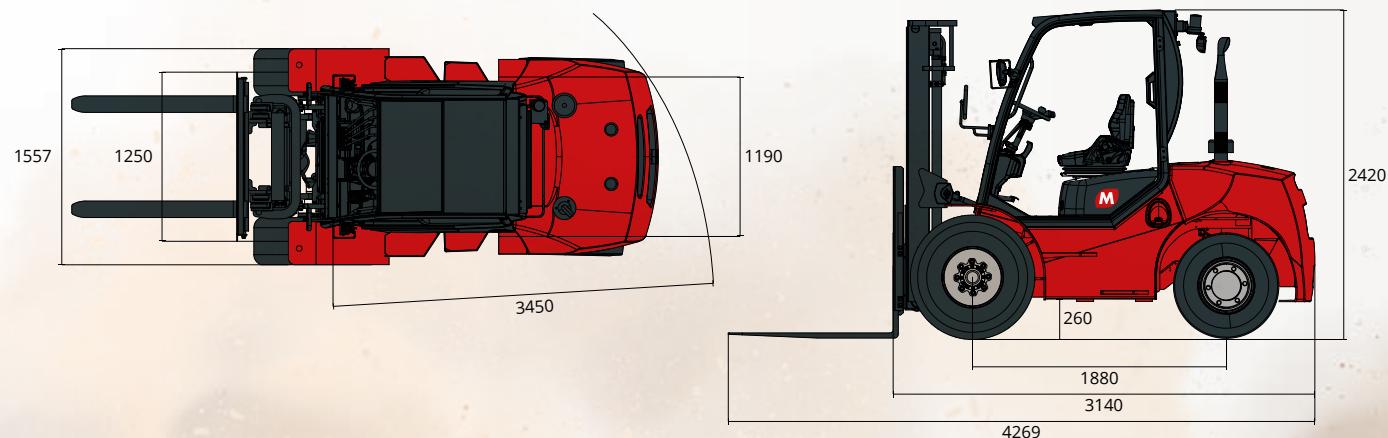
Get the best efficiency and versatility for your workday.



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				
	M-FL-1001	M-FL-1002	M-FL-1003	M-FL-1004	M-FL-1005	M-FL-1006	M-FL-1007	M-FL-1008
Model								
Configuration	std	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
	Extended height without load backrest	3,993	4,693	4,993	5,025	5,325	5,525	5,725
Free lift height (mm)	Without load backrest	150	150	150	1,031	1,131	1,181	1,281
Front overhang (mm)		600	600	600	618	618	618	618
Tilting angle	Front	10	10	10	10	10	10	6
	Rear	12	12	12	12	12	12	6
Load Capacity (kg)	ISO 22915-2	3,500	3,500	3,400	3,300	3,000	2,900	2,700
500 mm load center	ISO 22915-13	3,500	2,800	2,500	2,400	2,200	1,900	1,500

With Cascade fork positioner -300Kg on load capacity.

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

FEATURES FL 3,5

- Open cabin (front & rear windshield)
- Front & rear wipers
- Road lights front and rear
- LED front working light
- Blue light
- Flashing amber beacon light
- Right & left rear view mirrors
- Panoramic spherical mirror
- 4 valve and piping
- Tie-down rings
- Suspended seat
- Seat belt interlock system predisposition (OPS needed if required)
- Comfort armrest
- 4-inch color LCD screen
- On board diagnostic system
- Emergency stop button inside of the cabin
- Manual parking brake
- Hourmeter
- Back-up buzzer

FULL RANGE



FL 2,5



FL 3,0



FL 3,5



FL 5,0

OPTIONS FL 3,5

- Closed cabin
- Heater
- Air conditioning
- Noise insulating pad
- Super elastic tyre (replace standard tyres)
- Front solid tyres
- No marking tyres
- European standard 7-core waterproof socket
- 5th additional hose
- 5th additional valve
- Sparkle arrestor
- 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