

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	Exmille
	Dimensions of front wheels	14-17.5-14PR
	Dimensions of rear wheels	10,0/75-15,3
	Number of wheels drive	4 WD - 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)
Performances	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	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
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.

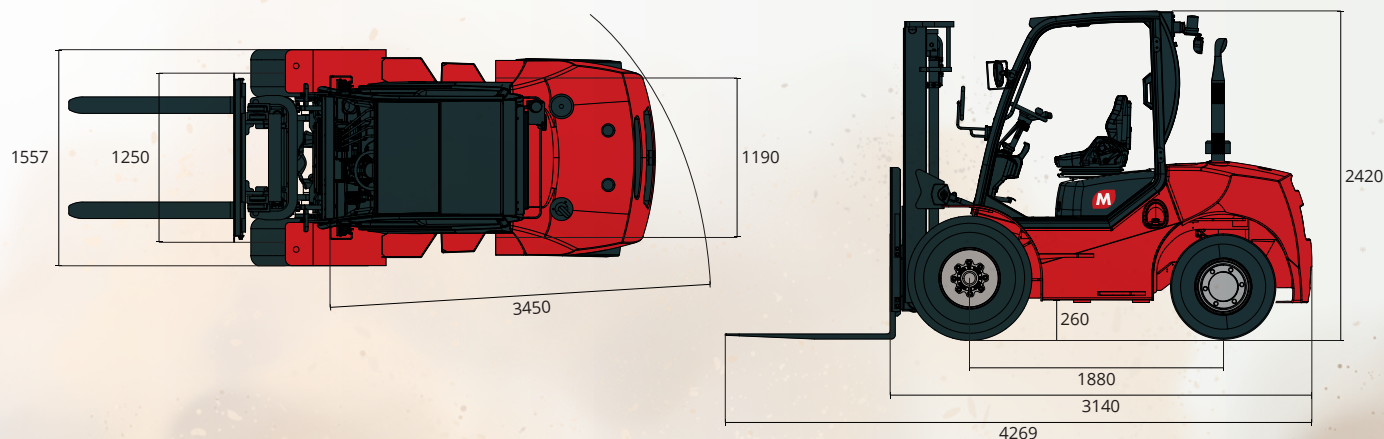
Get the best efficiency and versatility for your workday.



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

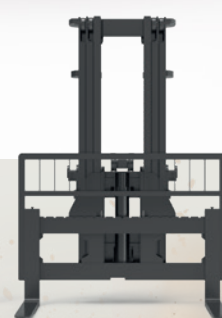
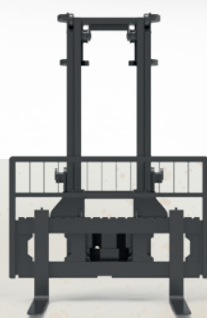
EXCELLENT
MANEUVERABILITY

ROBUST
AND DURABLE MATERIALS

GREAT
LOAD CAPACITY
& LIFTING HEIGHT



MASTS



Type		Wide View			Triplex				
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

Note: ISO 22915-2 for industrial use; ISO 22915-13 for rough terrain use.
With sideshift -300kg.

FEATURES

- Open cabin (front & rear windshield)
- Front & rear wipers
- Road lights front and rear
- LED front working lights
- Blue light
- Flashing amber beacon light
- Right & left rear view mirrors
- Panoramic spherical mirror
- 4 valve and piping
- D shape tie down
- Full suspension seat with switch
- Operator presence system-CE 2023
- Seatbelt with sequential interlock system
- Comfort armrest
- LCD display
- On-board diagnostic system
- Emergency stop button inside of the cabin
- Hourmeter
- Back-up buzzer

OPTIONS

- Cabin doors
- Noise insulating pad
- Air conditioning
- Heating
- European standard 7-core waterproof socket
- Panoramic spherical mirror
- 5 valve and piping
- Grey no marking tyre
- Front solid tyres and rear pneumatic tyres
- Super elastic tyre
- Spark arrester
- Locable main power switch
- Custom painting
- Kit for road registration

FULL RANGE



FL 2,5



FL 3,0



FL 3,5



FL 5,0