

ROUGH TERRAIN FORKLIFTS

FL

5,0

PRELIMINARY



CONSTRUCTION



LOGISTIC

Model Identification	Model name	FL5,0
	Load Capacity - with STD WVM3,0	5,000 kg
	Load center	600 mm
	Power source	Diesel
	Distance from the center of the front axle to the fork deck	735 mm
Weight	Weight	9,050 kg
	Weight on front axle (laden) / rear axle (laden)	12,300/1,750 kg
	Weight on front axle (unladen) / rear axle (unladen)	4,280/4,770 kg
Wheels	Tyres type	Pneumatic
	Tyres brand	Exmille
	Dimensions of front wheels	445/65-22.5
	Dimensions of rear wheels	12.5/80-18
	Number of wheels drive	4WD - 2X /2X
Stage V engine	Model name ID	FL5,0-D/V
	Engine brand and model	DEUTZ TCD 3.6 L4
	Engine cylinders/displacement	4/3620
	Rated speed	2,300 rpm
	Engine emission stage	Stage V
	Kw/(hp)	55.4 kW (75hp)
Performances	Travel speed (laden/unladen)	25/25 km/h
	Lifting speed (laden/unladen)	0.45/0.52 m/s
	Lowering speed (laden/unladen)	0.5/0.43 m/s
	Drawbar pull (laden)	8,600 daN
	Gradeability (laden)	45 %
	Transmission model	4F50
	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	24 V
Others	Working hydraulic pressure for attachments	200 bar
	Oil flow rate for attachments	180 l/min
	Noise level Lwa dB(A) guaranteed	104 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.

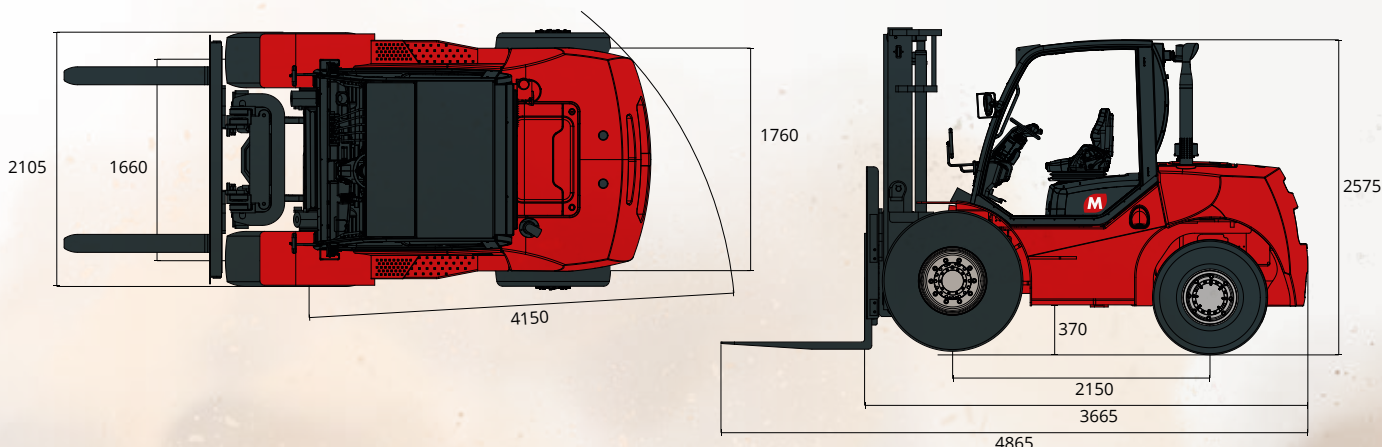
Get the best efficiency and versatility for your workday.



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

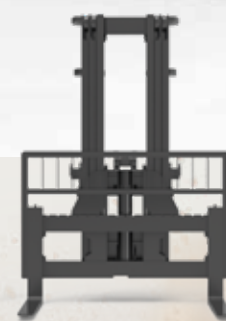
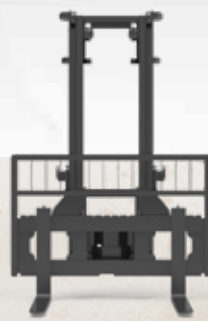


EXCEPTIONAL
OFF-ROAD TRACTION

EXCELLENT
MANEUVERABILITY

ROBUST
AND DURABLE MATERIALS

GREAT
LOAD CAPACITY
& LIFTING HEIGHT



MASTS

Type		Wide View			Triplex				
Model		M-FL-1009	M-FL-1010	M-FL-1011	M-FL-1012	M-FL-1013	M-FL-1014	M-FL-1015	M-FL-1016
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	4,800	5,000
Max. height (mm)	Lowered height	2,685	3,035	3,185	2,760	2,850	2,910	3,010	3,060
	Extended height without load backrest	4,183	4,883	5,183	5,470	5,740	5,920	6,220	6,399
Free lift height (mm)	Without load backrest	170	170	170	1,300	1,420	1,500	1,600	1,671
Front overhang (mm)		735	735	735	804	804	804	804	804
Tilting angle	Front	15	15	15	15	15	15	15	10
	Rear	15	15	15	15	15	15	15	15
Load Capacity (kg) 500 mm load center	ISO 22915-2	5,000	5,000	5,000	5,000	4,600	4,300	4,100	3,900
	ISO 22915-13	5,000	5,000	5,000	5,000	4,500	4,100	3,900	3,500

FEATURES FL 5,0

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
 On board diagnostic system
 Emergency stop button inside of the cabin
 Manual parking brake
 Hourmeter
 Back-up buzzer

OPTIONS FL 5,0

Closed cabin
 Heater
 Air conditioning
 Noise insulating pad
 Foam filled tires (replace standard tyres)
 No marking tyres (only foam filled version - replace standard tyres)
 European standard 7-core waterproof socket
 5th additional hose
 5th additional valve
 Weighing system - include print function
 Weighing system - without print function
 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 - CANBUS plug predisposition

FULL RANGE



FL 2,5



FL 3,0



FL 3,5



FL 5,0