



Multifunctional truck MFT MX[®]

The complete power on the p.t.o. shaft

traction engine/ tractor up to 540 PS / 400 KW

specifications / description

„continuously simple“



Innovative technology sets the standards
fast, manoeuvrable, flexible



The multifunctional truck MFT MX[®] for:

the builder

as traction engine for soil stabilisation,
tipping trough, trailer spreader,
trailer milling machine.

the contractor

as traction engine for straw baler,
woodcutter, forest milling machine,
trailer milling machine.

the farmer

as universal machine for ploughing,
harvesting and transporting

Specifications



	MFT MX®
Motor	MAN D26 Motor
Driving power up to	400 KW / 540 PS
Emission standard	Euro 5
Fuel consumption full load	235 g/kwh
Fuel consumption ¾-load	225 g/kwh
velocities	
1. gear – four-wheel-drive	0-8 km/h
2. gear – four-wheel-drive	0-20 km/h
Fast reversing	20 km/h
MOT approval (Optional)	88 km/h
tire	
Tire size front wheel (H x W)	1200 x 420 mm
Tire size back wheel (H x W)	1200 x 700 mm
Mixer – trailer (optional)	
Mixing depth * ¹	max. 50 cm
Mixing wide	2,50 m
Mixing - Rotor 1, speed	0 bis 260 min ⁻¹
Fuel injection with fluid-pump	40 m ³ /h
Dimensions, weight	
Overall dimension drive-wheel-tire, rear	2,65 m
Overall width, milling machine	2,98 m
Machine width	2,50 m
Ground clearance	0,48 m
Operating weight with milling machine * ²	17,5 t
Dimensions machine (L x W x H)	7,85 x 2,65 x 3,55 m
Filling quantities	
Fuel tank, Diesel	400 l
Hydraulic oil tank	200 l
Electrical system	24 V

*¹ = because of tolerances and wear the maximum cutting depth can deviate from the indicated values

*² = all indications of weight refer to the basis machine without optional equipment

Well developed technology
offers the best results



high-tech-result from more than 45 years practical experience

The **multifunctional truck MFT MX[®]** is the new draught horse of the a-mag group. The MFT MX[®] is particularly suitable for difficult and very difficult work. The traction as well as the operational comfort of this new concept are convincing. The high axle loads allow high semi-mounted weights as aufsachs Die hohen Achslasten erlauben hohe Aufsattelgewichte als Geräteträger.

Basic vehicle: cheap all-terrain-vehicle from the serial production.



Important construction characteristics and equipment:

4 commensurate tires, 4-wheel-drive 4x4.

Frame construction, main emphasis on the front axle.

Differential lock on both axles, lengthways lock (optional).

3 possibilities to arrange devices.

height-adjustable trailer coupling.

Rear power lift cat. 3 or cat. 4.

The complete power on the p.t.o. shaft

The p. t. o. shaft reaches 1.000 min^{-1} with thrifty 1.800 min^{-1} engine speed which decreases the fuel consumption and the noise level.

Patented power take-off direct from the diesel engine enables the full engine power at the p. t. o. shaft.

Standardized 3 point hydraulic rear power lift with cat. 3 or cat. 4 connections.

p. t. o. shaft changeable.

Maximum lifting force up to 10.000 daN.

3 pilot valves under pressure engageable.



Continuous hydrostatic motor drive – „continuously simple!“



With a joystick you can continuously control the generous hydraulic pump for powerful propulsion, which was especially created for difficult ground.

Rear compressed air supplies for the trailer brake →2-circle-braking system.

Absolute productivity and profitability.

Traction-ball-clutch up to 4 to tongue load.

Rear axle 13 to axle total burden.

Optional: MOT approval up to 88 km/h.

High ground clearance.

The extremely steady characteristics make the **a-mag MFT MX®** in a particular way suitable for special superstructures like dumpers, container tanks, water tanks, binder tanks.

The extension of machines and devices could be interesting for the local effort too.



Vehicle conversion and modification.



superstructures after customer requirements.



sealable fuel injection with flow-meter and exact dosage.



**installation of the pump with digital flow-meters
for a precise injection into the mixing room.**

Equipment



○ Serie ● Option

	a-mag MFT MX®
Cabin inclusive. heating with filter	○
Cabin inclusive air-conditioning system	●
Excess pressure blower with filter for the cabin	○
Joystick – control over all functions	○
Driver information system on the industry-display	○
4 strong working lights	○
Permanent 4- wheel-drive	○
8.000 Litre superstructure tank	●
Fluid – Pump 40 m³ / min	●
Terra set of rear tires 710 mm wide	●
Terra set of front tires vorne 420 mm wide	●
Cleaning product container 45 l	●
loading and lashing eyelets, rear and front	○
Tow-away gadget (front)	○
Emergency actuations for all functions	○
Premium paint	●
noise-reduction	○
Warning lights	○
Admission from our trained staff for 1 day	○
Extensive tool set	○
Extensive security package with emergency stop switch	○
Traction-ball-clutch up to 4 to tongue load	●
MP approval up to 88 km/h	●





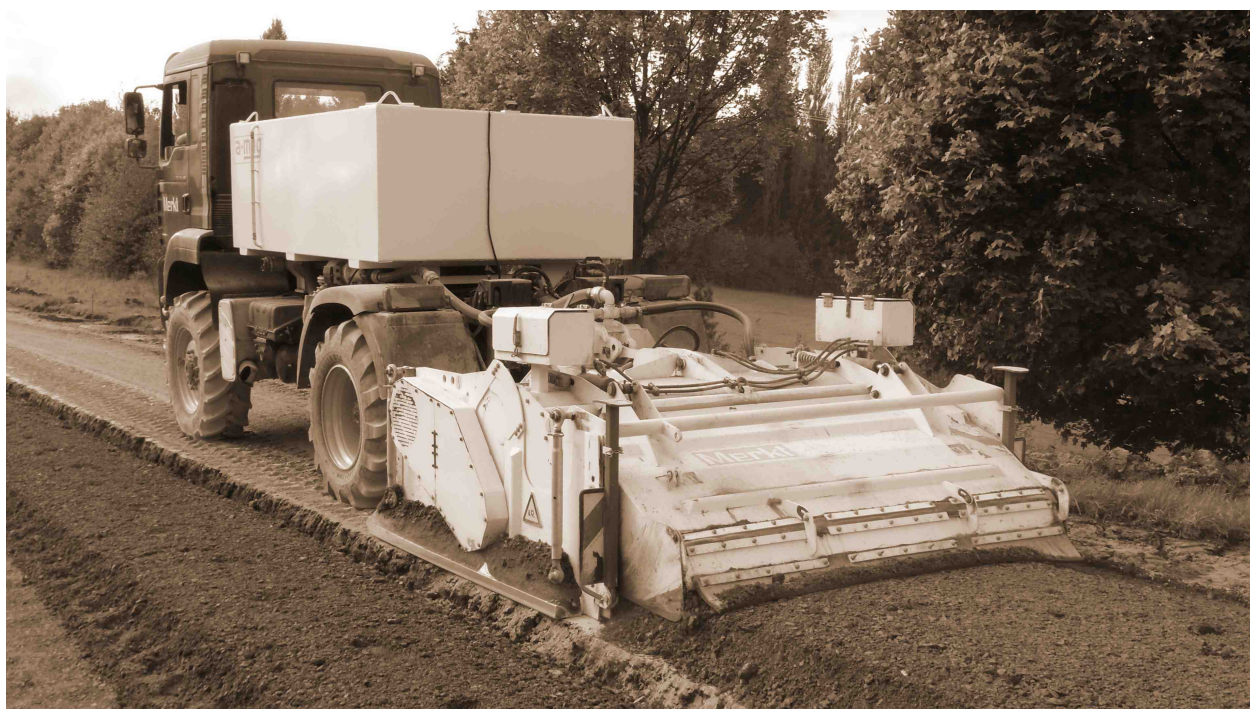
a-mag roll off-tank AT 23 with a capacity of 23 m³ fills the 8 m³ tank of the MFT MX®.



The transport on a 3-axle low-loading vehicle is possible without special license.



Application as soil improvement.



Application in cement consolidation with an exact injection of water in the mixing room.



Extremely expanded tires (up to 710 mm) and 4-wheel-drive / differential lock provide for best traction on difficult grounds.



