X SERIES
0522 EN



X SERIES
TOOL-CARRIER TRACTORS

TRE EMME
MERLO GROUP

New X series tool-carrier tractors

For operators who need multi-purpose and high-performance machines that are easy to use but are not afraid of demanding work, we offer the new Treemme X series range.
Machines designed primarily for use in forestry, silviculture and soil preparation, but which are also well suited to being combined with snow blowers for opening snowy passes.
The wide range of attachments available, the exclusive 360° visibility and the incredible manoeuvrability make them the ideal tools for professionals looking for specialised machines with the following features:

- **Front and rear hydraulic handler (optional)**
- **Continuous hydraulic delivery to the front attachment**
- **6-cylinder engines with power ratings up to 250 kW (340 hp) in line with Stage V emission standards**
- **Hydrostatic transmission with electronic control, maximum speed 40 km/h**
- **Permanent four-wheel drive and all wheel steering with three available modes + 1 option**
- **Cab compliant with Rops, Fops and Ops with approved anti-shattering transparent windows**
- **Service hydraulic system with Load-Sensing pump**







Hydraulic winch or lift of Cat. 2

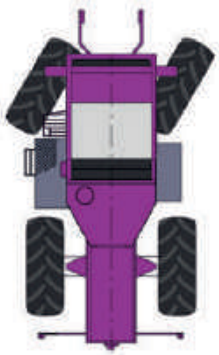
A radio-controlled hydraulic winch that can be set up at the rear of the chassis with a towing capacity of 12,5 tons, as an alternative to a lift of Cat. 2 depending on customer requirements.



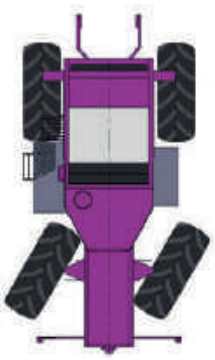


Four steering modes

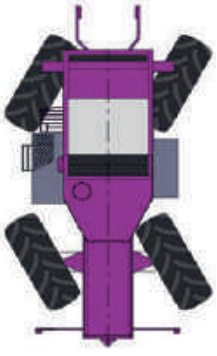
The four driving wheels are all steered with hydraulic power assistance. Four steering modes are available: (on the front wheels, pivot steering, crab steering and - optionally - on the rear wheels only).



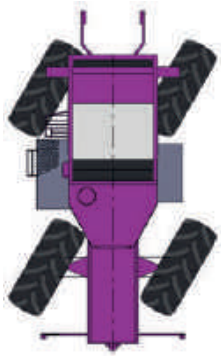
On the front wheels



On the rear wheels



Pivot steering



Crab steering

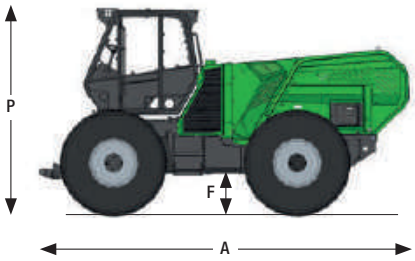
Technical data and Options

MODELS	MM 250 X	MM 350 X
Mass (kg)	8.000	9.200
Stage V Engine	Deutz 6.1 Common rail	Deutz 7.8 Common rail
Power (kW/hp) - Cylinders (n)	180/245 - 6	250/335 - 6
Maximum speed (km/h)	40	36
Reversible cooling fans	●	●
Hydrostatic transmission	●	●
Diesel tank	260 l	350 l
Coolant tank	32 l	50 l
Engine oil tank	16 l	19 l
Service hydraulic system	Load Sensing pump	Load Sensing pump
Electric system	75 Ah - 24 V	75 Ah - 24 V
Permanent four-wheel drive	●	●
All wheel steering	●	●
Service brakes with oil bath discs	●	●
Automatic parking brake	●	●
Cab compliant with ROPS/FOPS and OPS with automatic climate control	●	●
Grammer seat with pneumatic suspension	●	●
Approved anti-shattering windows	●	●
Eight cab working lights (4 front + 4 rear)	●	●
Proportional capacitive joystick	●	●
Front handler (4.500 kg)	●	●
Continuous hydraulic delivery to the front attachment	285 l/min- 420 bar	500 l/min- 420 bar
Front/rear differential lock (100%)	●	●
24 V electrical system	●	●
Tyres	TRELLEBORG 600/55-26,5 TWIN FORESTRY T440	
Two rear service lines	○	○
12,5-ton hydraulic winch with radio control	○	○
Rear axle oscillation lock	○	○
Floating position operable via joystick	○	○
Right-side wiper	○	○
Removable second beacon	○	○
VSS-compliant front toolbox plate	○	○
Rigid rear handler (3.500 kg)	○	○
Fire-fighting system	○	○
Cold weather starter device	○	○
Use of biodegradable hydraulic oil, type Panolin HP46	○	○
Hydraulic trailer braking	○	○
Air compressor for cleaning radiators	○	○
Pressurised cab	○	○
Rear video camera	○	○

● Standard. ○ On request.



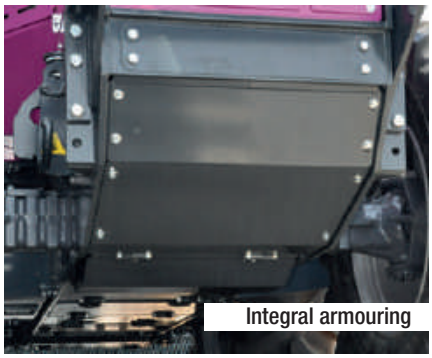
Dimensions





MEASURES	MM250X	MM350X
A (mm)	5330	5690
F (mm)	515	490
H (mm)	2470	2470
M (mm)	1200**	1200**
P (mm)	3060	3070

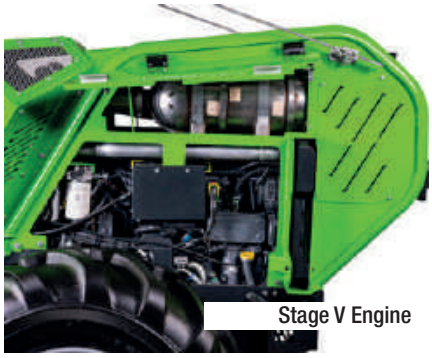
** Internal useful width


Integral armouring


Rear video camera


New display


Electro-proportional joystick


Stage V Engine


Front hydraulic delivery

Technical advantages

The steel structure of Treemme tractors is the framework on which a highly technological working system is built. The frame, reinforced with armouring in the most exposed areas, intensifies the concept of sturdiness and resistance. The result is a range of machines that are particularly efficient and robust in all applications. The equipment hydraulic activation offers countless competitive advantages over traditional systems using mechanical devices. The equipment in use can work in positions that go beyond the maximum angles allowed by the cardan shafts as there are no mechanical parts subject to breakage and, as a result, any recoil of the kinematic chain is excluded.
A further advantage: the operator can reverse the equipment's rotation direction through a simple electro-hydraulic control in the cab.

- **Frame with high efficiency armour plates**
- **High ground clearance for extreme off-road operation**
- **Low centre of gravity for best stability**
- **Wide variety of work equipment**



Treemme tractors: many machines in one

Countless hydraulically operated devices enable forest maintenance operations to be effective and profitable. Shredders for the construction and maintenance of fire breaks as well as buffer zones for high-voltage power lines and gas pipelines. Systems for the reclamation of stony areas, extractors for removing plant roots after cutting, equipment for preparing the soil, soil reconditioners, and many other attachments that are rich in advanced technology.
All attachments can be equipped with quick-coupling hydraulic connectors.









Data, characteristics and illustrations contained in this document are indicative and not binding.
Merlo Spa pursues a policy of continuous research and development, therefore, our products may have different characteristics from those described or may undergo changes without any prior notice. The products shown may include optional equipment.

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