

MULTI T10 X

MUNICIPAL



**Efficient. Versatile.
Service-friendly.**



TECHNOLOGY AT ITS BEST

REFORM Multi T10 X

The versatile pro for winter service.

Ease of maintenance and service, clear visibility in all weather conditions and optimum cold start properties make the Multi T10 X a reliable partner for municipal applications. Its compact dimensions allow driving into narrow alleys or frequently used parking areas. Another special feature: also the clearing of snow and simultaneous spreading on roads and parking areas are possible. 109 hp provide sufficient power reserves and allow simultaneous use of spreader and plough.

The benefits at a glance:

- Up to 5,200 kg payload
- Engine power up to 109 hp
- Tipping cab for easy servicing
- Generous front and rear windows
- Ergonomic comfort seats (optionally heatable)
- Central information panel with digital and analogue displays
- Optimised interior lighting in the entry area, LED search lighting in the roof liner
- Operation hydraulics with Power Link system and load sensing
- Retarder brake system for maximum safety
- Approval as agriculture/forestry vehicle or lorry possible



The specialist in ice and snow



The benefits in winter service

- Wheel outer width below 2 m possible
- Extreme manoeuvrability in the city
- Corrosion resistance by winter service preservation
- Heated windscreen and exterior mirrors, heated driver seat
- Excellent visibility through changeable lighting
- Road safety through rotating warning lights and optical warning system
- Ground and outside temperature indicators
- Connectivity for plough outline marker lamps
- Prepared installation option for control of attachments

Greatest emphasis is placed on easy operation of attachments – both at the front and at the rear (for example, snow plough on top-mounted spreader). A centrally positioned **central information panel**, colour-coded controls, as well as a sophisticated cab lighting system ensure an optimal exchange of information between man and machine.



For maintenance in the engine compartment, the **tilting cab** can be hydraulically tilted to the side without tools. Attachments can remain mounted.

A special **maintenance opening** also offers easy access to windscreen washer fluid, coolant, dip stick, brake fluid, filters for heater and air conditioner, clutch fluid or even for the replacement of lamps. Also, the attachments remain mounted.





The all-rounder ...





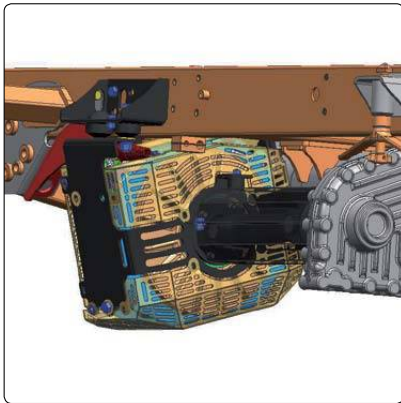
...365 days of the year



REFORM Multi T10 X

The versatile loading and transport pro.

A payload of up to 5,200 kg, greatest ground clearance, a very low dead weight and an extremely low centre of gravity make the T10 X a loading and transport pro even in the most difficult terrain. Due to its compact size, the extremely low platform bed and an unmatched agility, it is a reliable companion also in urban areas.



A **wear-free eddy current brake** ensures maximum protection of the service brake and excellent driving comfort even at high load.

Optimum crane operation



Benefits

- High lifting capacity in a compact design
- Full compliance with the EN 12999 crane standard
- Fuel savings by crane operation at the lowest speed (1,200 rpm)
- Setup and removal of the crane/tipper combination in a matter of minutes
- Transport position monitoring in the driver's cab (visual and audible)





REFORM high-quality tipper

- Up to 4,500 kg load capacity of tipper 100% matched to Muli T10 X
- No limitation of the terrain mobility
- Optimal height of the platform bed
- Assembly and disassembly in minutes thanks to REFORM quick-release system



Central locking

Easy opening of the tailboard by only a single handle. Tailboard suspended as well as folding.

Maximum efficiency



Benefits of exchange loading systems

- Economic year-round use by changing of attachments in minutes
- Tipper, spreaders, tipper-crane combinations, tank attachments, ...
- Ground-level loading
- Maximum efficiency at different job sites
- Partially usable as a crane substitute



Technical data Multi T10 X

Engine: 4-cylinder four-stroke diesel engines with turbocharger and common rail direct injection, charge air cooling, exhaust gas recirculation with cooling, self-regenerating particle filter, displacement 2,970 cc, water-cooled, electronic accelerator pedal and PTO mode.

- VM-R 754 IE4, 80 kW (109 hp) at 2,600 rpm, (emission stage 3 B)
max. torque 360 Nm at 1,400 rpm.

Optionally:

- VM R 754 EU5, 72 kW (98 hp) at 2,600 rpm, (emission stage Euro 5)
max. torque 340 Nm at 1,400 rpm.

Transmission: Direct shift shuttle gearbox with synchronisation, controlled forced feed lubrication with suction filter in the main gearbox. Terrain and road groups with preselectable splitting via rocker switch on gear lever, 16 forward gears (2.9 – 40 kph) and 8 reverse gears.

Option: Creep speed group (0.40 – 40 kph), gearbox variant 50 kph.

Clutch: Dual disc dry clutch with separate actuation; drive clutch hydraulic via pedal, electro-hydraulic power-shift PTO.

Axles/differential locks: Portal axles with rear differential lock, switch status indicator lights in central information dashboard.

Option: Front differential lock (both presettable and electro-hydraulically selectable).

Axle drive: Permanent 4 wheel drive via preselectable, electro-hydraulically locking centre differential. Drive torque splitting 50/50. Activation indicator light in the central information dashboard.

Suspension: HCS – High Comfort Suspension with two preselectable suspension options: single-wheel suspension with level regulation and suspension lock as standard on the front axle or alternatively on both axles single-wheel suspension on trailing links via damping cylinders with hydraulic accumulators and elastic end stops.

Steering: Hydrostatic steering with Load Sensing; hydraulic synchronizing cylinder.

Option: 4 wheel steering with electro-hydraulic steering mode switching during driving.

Service brake: Hydr. dual circuit 4 wheel brake with hydr. brake booster, internally ventilated disk brakes front and rear.

For sprung rear axle with axle load dependent tandem brake regulator.

Option: Retarder auxiliary brake system.

Parking brake: Spring brake as sliding saddle disc brake on the drive shaft, electro-hydraulic release.

Work and steering hydraulic system: Hydraulic pump 42 l/min, max. pressure 195 bar, 60-litre oil tank, equipped with hydraulic version B rear. Option: Hydraulic pump 73 l/min, proportional control up to three 4/4-control valves, extension to max. 6 control valves.

PTOs: Power-shift PTO on the rear axle gearbox, 540 rpm or 1,000 rpm, turning clockwise; optional: power-shift PTO at front, 1,000 rpm, turning anti-clockwise

Cab: Hydro-rubber mounted clear vision tipping cab (ROPS) with doors, heating and air conditioning, central information system with on-board computer, hydraulic locking and tilting, tilt- and height-adjustable steering column, tinted all-round windows, bonnet service opening, 2 side mirrors, 2 front working lights integrated in the roof, daytime running lights, windscreen wiper/washer system with intermittent operation, radio preparation, comfort seats with lap belt, sun visors, fixed-mounted shift gate of the main operations, interior lighting system, cup holders, storage compartments in the centre console, rear panel and the footwell, mounting bracket in the roof liner, fastening options for attachments displays, cigarette lighter, wheel arch lining and underide protection at front.

Option: heatable and coolable glove box, cable entry at the rear, heated or electrical power mirrors, heated windscreen, heated seats in seat design with integrated three-point belt.

Gauges: Central information panel: driving speed display, remote thermometer, fuel gauge, tachometer, on-board computer display (split level, operating hours meter, odometer, daily hours of operation, clock, various warning indicators, current fuel consumption, average fuel consumption, average speed, travel time remaining, acreage counter with adjustable working width, service indicator).

Option: Steering mode indicator, brake pad wear indicator, retarder activation, electr. weight compensation, ground, road and outside temperature indicators.

Electrical system: Decentralised electronic system with protection class IP 67, networked via high-speed CAN BUS system, battery 12V, 135 AH, 1000 AEN (cold start properties), generator 110 A, lighting fully. according to traffic regulations, battery cut-out switch.

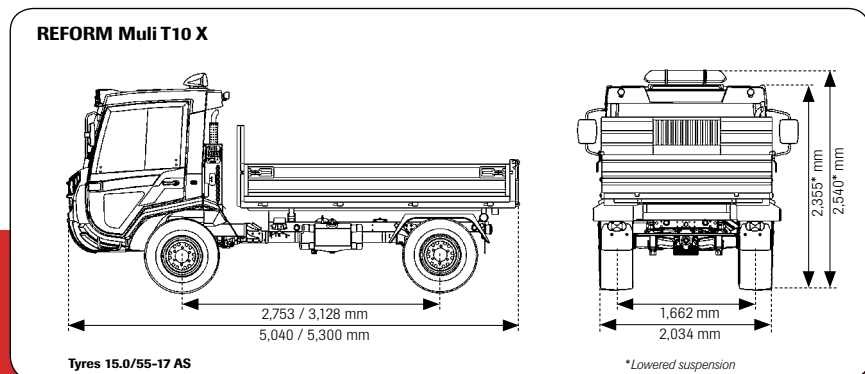
Option: Changeable lighting (high and low beam, turn signal in the roof) or additional 2 pairs of working lights (LED) in the roof, 2-, 3- or 4-pin socket in the rear panel, rear working lights, 2-piece lamp holder, rear underide protection, optical warning system (OWS), rotating warning light, rear fog light, service tool (diagnostic system via PC).

Fuel tank: PE tank, capacity 120 l, with heated fuel filter.

Miscellaneous: Quick fasteners for tools and attachments, various trailer hitches (max. towing capacity: 10,000 kg, max. nose weight: 1,250 kg), air brake system.

Weights:

Dead weight (with doors and heater): from 3,350 kg
Permissible axle load, front: 4,600 kg
Permissible axle load, rear: 4,600 kg
Permissible gross weight: 8,500 kg



Your Reform partner

REFORM-WERKE

Bauer & Co Gesellschaft m.b.H.
Haidestrasse 40, A-4600 Wels
FN 139380 x, Landesgericht Wels
Phone + 43 / 7242 / 232 - 0
Fax +43 7242 232 4
www.reform.at
E-mail: info@reform.at

AGROMONT AG

Postfach 142
Bösch 1
CH-6331 Hünenberg
Tel. +41 41 784 2020
Fax +41 41 784 2022
www.agromont.ch
E-mail: info@agromont.ch

