

REFORM Multi T15 V

**REFORM** **R**

# THE NEW PREMIUM CLASS

Boundless power, unrivalled efficiency.



# MULI T15 V

143 HP . 550 Nm .

Continuously variable transmission . Up to 60 km/h

REFORM. Teamwork Technology.

# INFINITELY VARIABLE STRENGTH



- Powerful engine performance
- Great traction
- High payload

# EFFICIENT WITHOUT LIMITS

- Intuitive operation
- Best maintenance access
- Unrivalled ground clearance



## DETAILS



### Engine

DEUTZ TCD 3.6  
EU Stage 5 (cf. Euro VI)  
105 kW / 143 hp  
550 Nm torque

**compared to the Muli T10 X:**  
+ 30% more engine power  
+ 30% more torque  
- 25% lower engine speed



### Traction drive

REFORM stepless gearbox  
with additional group  
shifting  
Permanent all-wheel drive  
Longitudinal differential  
with multi-plate clutch

Hill start assist  
(Hill Holder)  
Country-specific  
up to 60 km/h



### Chassis

High ground clearance and  
manoeuvrability:  
Portal axles and all-wheel  
steering with 3 steering  
modes  
HCS independent wheel sus-  
pension with levelling control

**reinforced version:**  
10 tonnes total weight  
6 tonnes payload  
5.5 t axle load front & rear



### Device drive

Rear PTO 540  
or 1000 rpm  
Additional hydraulic  
device drive:  
138 l/min, 310 bar  
Up to 6 additional control  
valves for superstruc-  
tures and attachments



# COMFORTABLE

## Tilting comfort cab

- Compact and optimally insulated cab
- KTL-primed frame for durability
- Powerful automatic climate control
- Sliding window front and rear
- With windscreen heating as standard
- Dimmable lighting for control elements
- Multifunction joystick on the armrest
- Ergonomically arranged controls
- Practical storage options

## Intuitive operating concept

### Central 12" colour display for the best overview

- Clearly visible machine information
- Interactive screen with tooltips
- Touch operation
- Attachment management with customisable event control
- 4 camera inputs and flexible display selection

### Ergonomic operation

- Quick selection of functions thanks to R-COM
- Intuitive setting options
- HIGHLIGHT: intelligent attachment management

# ECONOMIC

## Easy maintenance

- Cabin can be tilted forwards without tools
- Optimum access to the motor from both sides
- Proven maintenance flaps
- Tool-free and simple daily inspection work

## Efficient operation

- Quickly on site with power-saving travel drive
- Country-specific travelling speed of up to 60 km/h for little loss of time during transfers
- Greatly reduced engine speed when travelling speed is reached



# 365 DAYS

in municipal technology



**Convenience and synchronised switching:** Make everyday work easier thanks to attachment management with event control.

# Municipal technology

## Green space maintenance



Front boom



Double mower



Front mower

## Area maintenance



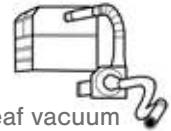
Weed removal



Pouring equipment



Alluvial bar



Leaf vacuum system

## Transport



Three-way tipper



Crane structure

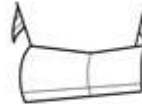


Hook lift system

## Winter service



Spreader



Snow plough



Snow blower

# Mountain technology



Double mower



Disc mower



Loader wagon



Manure spreader



Slurry technology



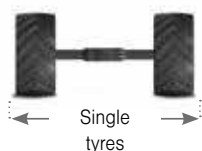
# Technical data REFORM Muli T15 V

<b>Engine</b>	
Type	DEUTZ TCD 3.6
Performance	105 kW / 143 hp
Displacement / Cylinder	3600 cm <sup>3</sup> / 4
Torque	550 Nm
at engine speed	1600 rpm
Nominal speed	2000 rpm
Emission level (cf. Euro VI)	5
Exhaust gas recirculation	yes
DPF	yes
SCR catalytic converter	yes
Fuel tank	120 l
AdBlue tank	20 l
Electrical system / AGM battery	12 V / 94 Ah
Alternator	200 A
<b>Drive / Chassis</b>	
Vibration damper between engine and gearbox	yes
Inch pedal	yes
Hydraulic-mechanical power-split gearbox with continuously variable transmission ratio	yes
2 switchable speed levels	yes
Speeds	40, 45, 50, 60 km/h
Group switching	High (0-60km/h) - Low (0-33km/h)
Portal drive axles	yes
Front steering	yes
Crab steering	optional
All-wheel steering	optional
Permanent all-wheel drive with longitudinal differential lock that can be engaged under load	yes
100% electro-hydraulic front & rear differential lock	yes
Hydropneumatic independent wheel suspension on the front and rear axle via longitudinal members	yes
Service brake: hydraulic dual-circuit four-wheel brake via internally ventilated disc brakes on front and rear axle	yes
Parking brake: spring-applied sliding caliper disc brake with electrohydraulic release	yes
Wear-free brake retarder	optional
Hill start assist (Hill Holder)	yes
Brake pedal lock	yes

<b>Tyre variants</b>	
425/55 R17 AS profile	yes
440/50 R17 All Ground	optional
265/70 R19.5 road tyres	optional
15.5/55 R18 road tyres	optional
285/70 R19.5 road tyres	optional
<b>Cabin</b>	
Tilting cab (to the front)	yes
Enclosed cab with tinted all-round glazing, doors with sliding front and rear windows and heating	yes
Automatic climate control	yes
Radio	optional
Comfort seats for driver and front passenger	optional
Alternating lighting	optional
Front worklights 1 pair	yes
Front worklights 2nd pair	optional
Rear LED worklights	optional
Rotating beacon LED	optional
OWS	optional
Immobiliser	optional
Preparation of toll device (Germany)	optional

<b>Interfaces for attachments</b>	
Front attachment area optionally with attachment plate size 3 or front linkage cat. 2	optional
Lifting capacity front linkage cat. 2	1250 kg
<b>Basic hydraulic equipment</b>	
Performance	39 l/min / 200 bar
Electrical / proportional controll	yes
Control valves basic equipment	3 at the back
Control valves Maximum equipment	5 at the back, 4 front
<b>Hydraulic appliance drive</b>	
Performance	138 l/min / 310 bar
Different variants per insert	Crane, hooklift, boom,..
<b>Rear PTO shafts</b>	
540 rpm	yes
1000 rpm	optional (not switchable)
External switch for rear PTO shaft	optional

<b>Weights in kg</b>	
Unladen weight with standard equipment	4050
Front axle load (*depending on tyres)	5500
Rear axle load (*depending on tyres)	5500
Gross vehicle weight rating (*dependent on tyres)	10000
<b>Dimensions in mm</b>	
Overall length	4900 / 5275
Wheelbase	2805 / 3180
Largest width with exterior mirrors	2540
Largest width without exterior mirrors	1950
Total height	2385



<b>Outer wheel widths</b>	<b>in mm</b>
<b>AS front tyres</b>	
425/55 R17	2110
425/55 R17 with additional wheel 7.50-18	2585
<b>AS rear tyres</b>	
425/55 R17 / *with all-wheel steering	2090 / 2150*
425/55 R17 with additional wheel 7.50-18 / *with all-wheel steering	2565 / 2625*
425/55 R17 with additional wheel 285 / 80 R16	2760 / —
<b>All-Ground tyres at the front</b>	
440/50 R17	2110
440/50 R17 with additional wheel 7.50-18	2585
<b>All-Ground rear tyres</b>	
440/50 R17	2090 / 2150*
440/50 R17 with additional wheel 7.50-18	2565 / 2625*
<b>Front road tyres</b>	
15.5/55 R18	2050
265/70 R19.5 (ET80)	2040
265/70 R19.5 (ET120)	1960
285/70 R19.5 (ET80)	2080
285/70 R19.5 (ET120)	2000
<b>Rear road tyres</b>	
15.5/55 R18	2035 / 2050*
265/70 R19.5 (ET80)	2025 / 2040*
265/70 R19.5 (ET120)	1945 / 1960*
285/70 R19.5 (ET80)	2060 / 2080*
285/70 R19.5 (ET120)	1980 / 2000*

\*Outer wheel widths with all-wheel steering

## NEW drive unit

**DEUTZ diesel engine ensures optimum engine performance with low fuel consumption.**

**REFORM continuously variable transmission with additional group shifting.**

- High efficiency and wearfree operation
- Sensitive and seamless speed adjustment
- Permanent traction of the wheels for optimum traction and high driving safety
- Full concentration of the operator on the actual work
- Precise manoeuvring and quick changing the direction of travel
- Integrated group switching for uniquely high tractive force
- Strong holding torque on slopes even when fully loaded

## More highlights

- Permanent all-wheel drive
- Powershift longitudinal locking differential
- Differential lock for front and rear axle
- Retarder brake system on all-wheel bases
- REFORM centre tube for protected travel and PTO drive
- Long-life and maintenance-free AGM battery
- Speed-controlled fans and fan reversal
- Full LED lighting
- Engine oil level indicator via sensor
- HCS (High Comfort Suspension) suspension
- All-wheel steering at the touch of a button on the joystick
- 3 steering modes (front / all-wheel / crab steering)
- Portal axles for high ground clearance
- Low loading sill on the tipper
- Extensive standard equipment

# REFORM SERVICE



## IN PARTNERSHIP

## CUSTOMER SERVICE

### EXCELLENT SERVICE

- Extensive dealer and workshop network
- Excellently trained partners
- Workshop training by REFORM
- Individual customer requests for special and additional equipment



## RELIABLE

## SPARE PARTS

### HIGH, RAPID AVAILABILITY

- Up-to-date, custom-fit original parts of the highest quality
- Durability thanks to special manufacturing processes
- Fast delivery: dispatch of 90% of all spare parts on the same day
- Warranty remains intact
- Expert advice and REFORM service packages

## PROGRESSIVE

## QUALITY



### DEVELOPMENT & PRODUCTION

- From development to series production
- Experienced developers set new standards
- High level of in-house production in Austria & Germany
- Precision parts from state-of-the-art CNC production
- Comprehensive functional tests
- Certified quality and environmental management in accordance with ISO9001 and ISO14001

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www.reform.at

www.reform.at/muli-t15v

# REFORM