

# REFORM

## MOUNTY 70/80

Versatile, strong and  
manoeuvrable



*Technology at its best*

# REFORM

# MOUNTY 70/80



## Mechanics in best configuration

The low vehicle weight and deep centre of gravity provide extreme path ability and best slope travelling ability.

The synchronized speed change and reverse gearset with 12 F-/12 R-gears is fine graduated for optimal speed matching.

Agility, ground preservation and high tractive power are given to the MOUNTY by four equally large wheels and a sensor-controlled four-wheel steering system. The particularly solid chassis construction guarantees high service load at low vehicle weight.

## Conveniences with best view

The control panel with clearly arranged control-, warning- and operating elements offers conveniences at working place.

The downwards slim engine hood serves for best view to the front-tools and the front wheels.





## Strong like a meadowland tractor, suitable for slopes like a two-axle mower

**These advantages make the Mouny unbeatable.** Reform sets new standards in the mechanization of the mountain- and meadowland farming with that. But also in the agriculture, as a farm tractor, in the forestry, in the fruit- and wine growing and as a municipal tractor the Mouny guarantees high performance and power.

### Powerful engines

Mouny 70 and 80 are equipped with the strong 3 litres 4-cylinders direct injector, which convinces by tractive power, elasticity and low fuel consumption. In the Mouny 70 the suction engine performs 68 HP, in the Mouny 80 the turbo engine 80 hp continuous rating.

The sound-suppressed exhaust pipe goes lateral upwards and serves for best visibility

### Axle guided front lifting gear for optimal ground adaption

The tools fitted near the axle adjust optimal to the terrain, like for example the powerful Reform-rotary disc mower or the approved Reform belt rake.

The **standard hydraulical implement weight compensation** serves for higher traction and hill climbing ability at simultaneously best ground adaption and -care. The strong front lifting gear with 1300 kg lifting power manages even heavy load.



### Robust rear lifting gear with 2000 kg lifting power

The easy operation of the regulating hydraulics with top link control convinces. With one lever you control the height or working depth, with a second you select the desired working mode (position-, tractive power- or mixed regulation).



# Versatile, strong and manoeuvrable



Careful windrowing with Reform side delivery rake



rotary tedding



mowing and processing



liquid manure distribution



front- and

# MOUNTY

70/80



The Mounty is the economical municipal tool carrier for summer- and winter service.



Powerful with the mower from Reform



sowing



flailmowing



rear combinations



winter service

# The intelligent four-wheel steering system which follows the train of thought:

Best manoeuvrability is guaranteed by the unique Reform four-wheel steering, switchable to front-wheel, rear-wheel and crab-steering mode.



Not only at the slope the Reform four-wheel steering system has unsurpassed advantages, also in the fruit- and wine growing, at the forest work or as a farm tractor the special manoeuvrability is very estimated.

## The special at the REFORM-four-wheel steering is:

- Front and rear wheels are engraved equally far and run exactly in the same track
- Maximum ground preservation by even, absolute free of constraints traction of all 4 wheels
- By pressing the button you can change fast and comfortably from front- to four-wheel steering and reversed, also during driving



## Enjoy conveniences at the working place

Take a seat and feel well at work. The body adjustedly placed handle grip makes getting in easier for you. The cabin is spacious with deluxe seat complete with pelvic supports, best over-view and ergonomics when switching and driving. Particularly good noise- and vibration attenuation is achieved by independent rubber bearing of motor with gear and cabin.

## Multi-function-gear-change lever everything under control

With the ergonomically formed multi-function lever you control centrally essential functions:

- Speed change gear 1. to 4. gear
- Lift and lower front lifting gear
- Reload the hydraulic equipment weight compensation
- Switching the steering mode
- Operation of additional control valves single- and double-acting



## Electro hydraulical power take-off clutch at front and rear by pressing a button

By pressing the button you operate the electro hydraulical power take-off for the rear power take-off and select simultaneously the desired 540 or 750 power take-off with the lever. The front power take-off is operated by a toggle switch. Both power take-offs dispose of a soft start for preservation of drive train and tool.



## Hydraulic panel

The Moutny offers intelligent engineering for high operation conveniences. By pressing the button you operate comfortably electro hydraulically the front power take-off, the four-wheel drive, the differential lock at front and rear, the switching of the control valves from single- to double-acting and the oil engine operation (optional).





# REFORM MOUNTY 70/80

## Technical data

### Engine:

**MOUNTY 70:** DaimlerChrysler-VM D 754 E2, 4-cylinders diesel, direct injection; displacement 2970 cm<sup>3</sup>; power 50 kW/68 hp at 2600 rpm, max. torque 210 Nm at 1400 rpm.

**MOUNTY 80:** DaimlerChrysler-VM D 704 TE 2 turbo, 4-cylinders diesel, direct injection; displacement: 2776 cm<sup>3</sup>; power: 59 kW/80 hp at 2600 rpm, max. torque 255 Nm at 1400-2000 min<sup>-1</sup>.

**Clutch:** Twin clutch with independent operation: Driving clutch with pedal, power take-off clutch for rear power take-off with electro hydraulic operation

**Gear:** Range change and reverse gearbox with 12 forward and 12 reverse gears. Speed change and reverse gearsets synchronized.  
Type speed: with tyres 33x15.5-15: 0.6 -30 km/h  
with tyres 405/70 R20: 0.8 -40 km/h  
with tyres 425/55 R17: 0.6 -30 km/h

**Axles:** Steering-drive axles with final drive at front and rear, front-wheel drive also switchable under power, front axle oscillating supported

**Differential locks:** differential locks which are switchable under power and electro hydraulically operated at front and rear with lamp indicators of current switching status on control panel

**Steering:** Hydrostatic steering with "Load-Sensing" four-wheel steering electro hydraulically switchable to front-, rear- and so-called crab-steering

**Service Brake:** Hydraulically 2-circle-4-wheel brake; hydraulic brake energiser

**Parking brake:** Cardan brake acting on rear wheels or at a standstill of the engine on all 4 wheels

**Tyres:** Low pressure tyre 33x15.5-15 with special tread, 405/70 R20 AS radial tyre or 425/55 R17 AS radial tyre

**Hydraulics:** Hydraulic pump 35 l/min, 180 bar, oil tank: 15l

**Front lifting gear:** Axle guided; category II; with hydraulic implement weight compensation; quick coupling system using seating locators; electrical external control; lifting power 1300 kg continuously

**Front power take-off:** Power take-off switchable under power 1000 rpm at nominal engine speed, rotating counter-clockwise, electro hydraulically switchable with automatic starting control

**Rear lifting gear:** category I and II lower links with retaining balls or quick coupling category II; mechanically external control; lifting power 2000 kg continuously; mechanical regulating hydraulics through top link regulation with position- tractive power- and mixed regulation; lowering speed control

**Rear Power Take-off:** Power take-off switchable under power 540 and 750 rpm at nominal engine speed (switchable), turning clockwise; switchable electro hydraulically with automatic starting control

**Electrical System:** 12 V; dynamo 65 ATS ; battery 88 Ah; head-light, indicator, position lights and roof-mounted headlight at front, brake-, tail-/ indicator lights and working head lights at rear

**Fuel tank:** Polyethylene tank with 85 l content

**Cabin:** vibration-cushioned deluxe cab with exhaust pipe which goes lateral upwards, tinted, hingable panoramic windscreen, windscreen wiper, screen washing system, sun shade, hingable rear window, heater and windscreen, full glass doors, noise-abating interior cladding, 2 external mirrors, interior lighting, tool box, rack, coat hook, bottle holder, lengthways-, angle- and vertically adjustable deluxe seat with lap support, antenna, radio preparation in the cabine roof for 2 loudspeakers

**Control panel:** Tachometer with integrated hour counter, fuel gauge, engine temperature gauge, signal lights with symbols, engine-start- and stop-function by ignition key, signal lights for respective steering mode, four-wheel steering, differential locks and parking brake, cigarette lighter

### Dimensions:

with tyres:	33x15,5-15	425/55 R17	405/70 R20
Wheel base	2195 mm	2195 mm	2195 mm
Track front/rear	1580 mm	1560 mm	1620 mm
External width	1970 mm	1985 mm	2025 mm
Length with front-/rear lifting gear	3615 mm	3615 mm	3615 mm
Heights	2135 mm	2150 mm	2245 mm
Turning radius ø	6720 mm	6720 mm	6720 mm

### Weights:

with tyres:	33x15,5-15	425/55 R17	405/70 R20
vehicle weight			
Mounty 70/80	2674 kg	2804 kg	2880 kg
Permissible axle loads f/r	2300 kg	2300 kg	2300 kg
Permissible total weight	4400 kg	4400 kg	4400 kg

**Optional extra:** Auxiliary wheels 7.50-16 AS to 33x15.5-15 or 9.5-24 AS to 405/70 R20 or 7.50-18 to 425/55 R17, front/rear with quick release, trailer coupling screwed or vertically adjustable, rotating warning light, 2 additional working head lights at front, working head lights rear on the left side, stereo cassette radio, 2 loudspeakers, hingable roof or air conditioning system, hydr. top link, hydr. trailer brake, air suspension system seat, Reform rotary disc mower 2.40 m, front end loader (optional with single-lever control), Reform belt rake 2.40 m, flail mower 2.07 m, etc.

Technical Data subject to alteration without notice. Pictures may show non standard equipment.

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