

REFORM

MOUNTY 100

NEW

The hydro-tool carrier, suitable for slopes

- with 95 hp power from 3 litres turbo
- hydrostatic travel drive
- four-wheel steering, switchable to front-wheel, rear-wheel and crab-steering mode by pressing a button
- strong lifting gears and power take-offs with starting resistor unit
- equally large wheels at front and rear
- comfort air-conditioned cab with best panorama view to front- and rear appliances



Technology at its best



REFORM MOUNTY 100

light, manoeuvrable, versatile

Engine: 4-cylinders-diesel engine, DaimlerChrysler-VM D 754 TE2 with turbo charge and direct injection system, 95,2 hp/70 kW at 2,600 rpm, displacement 2,970 cm³, max. torque 335 Nm at 1,320 rpm.

Gear: Hydrostatic travel drive with electronic control, with variable pump and variable motor; 3 speed ranges, electrohydraulically pre-selectable.

Speed ranges: Step 1 = 0 - 5 km/h
Step 2 = 0 - 15 km/h
Step 3 = 0 - 40 km/h

Hydrostat control optional automotive or manual electrical switchable, power limit control- constant pre-selected engine speed by electrohydraulic speed adjustment, inching pedal, F/R shuttle-operation

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- und 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

Front lifting gear: axle driven; category II; with electronical lifting gear 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 120 A; battery 100 Ah; headlight, 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 cabin roof for 2 loudspeakers, air-condition

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 |
|--------------------------|------------|------------|------------|
| Permis. axle loads f/r | 2600 kg | 2600 kg | 2600 kg |
| Permissible total weight | 5000 kg | 5000 kg | 5000 kg |

Optional extra: auxiliary wheels 7,50-16 AS to 33x15,5-15 oder 9,5-24 AS zu 405/70 R20 oder 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, hydr. top link, hydr. trailer brake, air suspension system seat.

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

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