

REFORM Metrac H4

Efficient, flexible
46 hp strong



T e c h n o l o g y a t i t s b e s t

With its compact, low-slung design and low dead weight the new Metrac H4 with hydrostatic drive presents future-oriented technology for green area maintenance, municipal services and mountain farming.

The new H4 series impresses because of its efficiency, superb hill climbing ability and swiftness, all-wheel steering, as well as unmatched operational and driving comfort.



Everything under control

REFORM Metrac H4

Efficient and flexible, 46 hp strong with hydrostat

Independently of engine speed and even under load you can select the optimal travelling speed and direction.

Push-buttons on the multi-function lever permit you to control other functions with unequalled ease:

- Lifting and lowering of the front power lift
- Recharging the hydraulic attachment weight transfer device
- Controlling the lateral shift (optional)
- Controlling the hydraulic top link or other dual functions (optional)
- Controlling the steering mode

Performance and endurance – the 46 hp Diesel

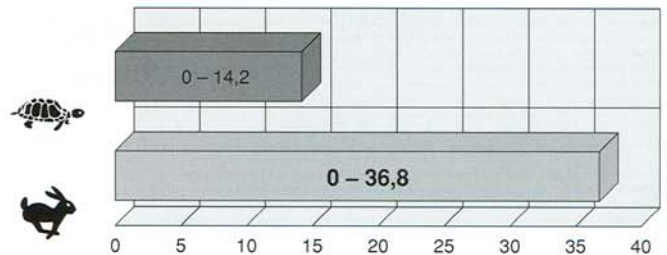
The environmentally friendly 46 hp Kubota Diesel engine combines power and endurance. Mounted on elastic supports the 4-cylinder engine convinces by smooth running and great pulling power.

Hydrostatic drive with two speed ranges

The hydrostatic drive with its two speed ranges allows continuous, smooth adjustment of driving speed to the current operating conditions.

The high engine output can be optimally exploited in any application when operating or travelling.

The driving speed can be regulated either through the multifunction lever or as for an automobile by means of the gas pedal.



Advantages

Soft, smooth starting, even uphill, transmits power through the large-volume low-pressure tyres in a particularly groundfriendly way.

The smart steering system

Optimal swiftness is ensured by the unique Reform all-wheel steering switchable to either front, rear or crab steering mode.

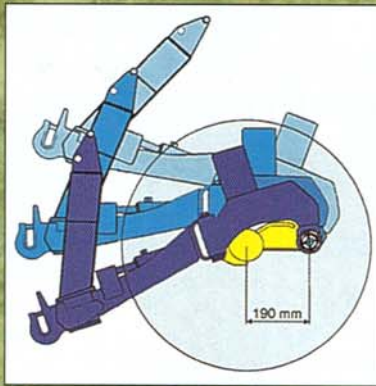
You can select the desired steering mode quickly and conveniently by just pushing a button, even while travelling.

The "smart steering system": Sensors in the stub axle register the wheel alignment and transfer data to the automatic control box. You change automatically from front- to all-wheel-steering and vice versa.



Front power lift with optimal ground adaptation:

- The new front power lift grants for optimal ground adaptation with pivoting points positioned far behind the front axle.
- Important feature when hitching up: Quick-hitch system with guide catches and stops – for even more convenient coupling-up.



- The standard hydraulic attachment relief brings more traction, better hill-climbing ability with optimal ground adaptation and soil conservation.
- External electrohydraulic control for front and rear 3 point lifting device.

63-litre fuel tank

The generous 63-litre fuel tank ensures a wide range of action and uninterrupted operation for many hours.

Optional: strong rear power lift

1100 kg lifting force for the use of efficient attachments.



Always the right tyres

The wide low-pressure tyres with special tread pattern provide good traction even on slippery or loose-packed ground and on slopes. For intensive lawn care we recommend the special "turf" tread pattern.



Optional:

Integrated lateral shift

with 400 mm adjustment range for operation in areas with obstacles; other features include improved hill-climbing ability by shifting the centre of gravity uphill and easier hitching-up.





Take a seat and enjoy your work

The wide door and the spacious cab make the Metrac H6 a comfortable workplace – even for the demanding:

- Tinted windows reduce heat build-up and give you perfect all-round view.
- The frame and driving position are vibration-damped by means of special cab mounts.
- All controls are ergonomically and clearly arranged and lie within the driver's reach – so you always have everything under control.
- The comfortable seat is adjustable longitudinally and for height to give you hours of relaxed operation.
- On request, the driving position can be converted to a comfortable cab with a heating and defrosting system, full-view door and sliding rear window.



New: Hydraulic control panel

This optional equipment enables you to control by toggle switch the rear 3 point lift. A new feature permits you to switch the push-button controls on the multifunction lever from the front to the rear power lift and vice versa, including the hydraulic weight transfer device.

Height-adjustable headlamps

The headlamps can be retracted or detached without the use of tools – useful in brush or other obstacles. Fenders give protection against branches and twigs.



For added comfort – the air conditioning

A comfortable workplace improves efficiency. The air conditioning system equipped with dust filter or filter against harmful substances creates optimal conditions for a relaxed workday.



Disc mower

The new light-weight disc mower with 1.90 m and 2.40 m cutting width features best ground adaptation and high cutting performance. Both the disc and the double knife mowers are protected against damages by an anti-ram device.



Double-knife mowing unit

The light-weight double-knife mowing unit with an operational width of 2.00 and 2.30 m, respectively, works without clogging and ensures clean and smooth cutting even in very rough terrain.

Rotary mower deck with collecting container

Performance and swiftness are outstanding features of the Metrac H4 with mower deck and collecting container, which are particularly useful on sports grounds, golf courses and in parks. Gentle and trackless due to wide-tread low-pressure tyres and a low dead weight.



For green area maintenance, municipal services and mountain farming

Flail mower

The flail mower with an operational width of 2.07 m is used predominantly in waste-land care. High throughput, finest flail quality and uniform mow distribution are ensured by Y-shaped implements and (optional) reversible rotation.



Powerful in winter service too

In winter service, with snowplough, snow blower and self-loading grit spreader the Metrac H4 is a high-performance, powerful multi-function working machine.

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Metrac H4

Technical Data

ENGINE: KUBOTA V 2203, 4 cylinder Diesel, capacity 2197 cm³, output 33.7 kW/46 hp at 2800 rpm, max. torque 141,2 Nm at 1600 rpm, torque increase 23 %

CLUTCH: Single dry plate clutch for live p.t.o. shafts front and rear, switchable under load

TRANSMISSION: Hydrostatic drive with mechanical two-stage gear and inch pedal; speed range: 0 - 14,2 km/h (terrain), 0 - 36,8 km/h (road)

P.t.o. SHAFTS: Live front and rear engine p.t.o. shafts 600 rpm switchable under load, counter-clockwise at front, clockwise at rear. Both p.t.o. shafts are controlled by one clutch lever.

TRAVELLING DRIVE: All-wheel drive, disengageable front drive.

AXLES: Driving-Steering axles front and rear, floating front axle.

DIFFERENTIAL LOCKS: Preselectable, hand-operated front and rear differential locks with control lights on the dashboard indicating switch position.

STEERING: Hydrostatic steering with „Load-Sensing“; all-wheel drive electrohydraulically switchable to front-, rear- and crab-steering.

DRIVING BRAKE: Hydraulic 2-circuit 4-wheel servo brake.

PARKING BRAKE: Mechanical parking brake and steering brake acting on rear wheels.

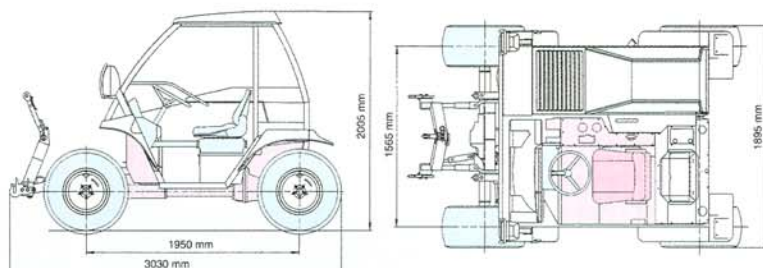
TYRES: Low-pressure 29x13.5-15 tyres.

Optional: turf tyres, AS tyres

HYDRAULIC SYSTEM: Hydraulic pump 31l/min., 180 bar, oil tank capacity: 13 l, max. 11 couplings at front, 8 at rear.

FRONT POWER LIFT: With hydraulic attachment relief; quick-hitch system with guide catches; external electrical control; lifting force max. 900 kg.

Optional: integrated lateral shift with 400 mm (± 200 mm) adjustment range; electrohydraulic operation; additional attachment relief (for front swather)



Dimensions Metrac H4

ELECTRICAL SYSTEM: 12 V alternator, 45 A; battery 88 Ah, 2 direction indicators at front, brake, tail/indicator lights at the rear

FUEL TANK: Polyethylene tank with 63 l capacity

DRIVING POSITION: Driver's roll-over frame, damped against vibration, roof and tinted panoramic windscreen and right-hand sliding side window, parallelogram windscreen wiper, screen washer, sun visor, 2 exterior mirrors, bottle holder, comfortable seat with thigh supports, adjustable longitudinally, for tilt and for height

Optional: Conversion to comfortable closed cab with heating- and defrosting system (controlled from driving position), sliding rear window, frame door lockable in two positions

DIMENSIONS: Wheel base: 1950 mm, track width: 1565 mm, overall width 1895 mm, length with front/rear power lift: 3520 mm, height: 2005 mm, turning radius: 6300 mm (with all-wheel steering)

WEIGHTS: Dead weight: 1620 kg (full fuel tank), permissible front and rear axle load: 1400 kg; permissible total weight: 2400 kg

DASHBOARD: Indicator lights with symbols, indicator lights for differential locks, all-wheel-steering mode, fast/slow, parking brake, steering mode; remote thermometer, engine start and stop control by key, hour-metre, fuel gauge, revmeter. Digital display for travelling speed

Optional: indicator for oil temperature of hydrostat

OPTIONAL EQUIPMENT: Additional 5.00-16 wheel with quick-hitch, 3-point rear hydraulics with combination ball-joints cat. I and II, lifting force 1100 kg, external electrohydraulic control, multifunction-lever-control of lifting device switch front rear, trailer coupling, all-round marker light, stereo cassette radio, search-light, snow chains, opening roof, cab with heating system, hydraulic top link, swivelling seat, air-sprung seat, cab with air-conditioning

ATTACHMENTS: Flail mower, double knife mowing unit, disc mower, belt-type side rake, front fork, tipping bucket, snowplough, snow blower

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

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