

METRAC H7 X and H9 X

NEW MODELS



The new powerhouses.

REFORM 

TECHNOLOGY AT ITS BEST

REFORM Metrac H7 X and H9 X

The highlights of new Metrac models.

REFORM rolls out two new Metrac models for the 2018 season.

REFORM Metrac H7 X and H9 X are equipped with a variety of innovations and set new standards again.



COMFORTABLE



Working space

The comfortable cab of the Metrac premium class is noise-optimized and has a logical grouping of switches. Arranged in logical groups, the controls are intuitive and logical.

The reduced nominal speed of 2,300 rpm contributes to a pleasant noise background and allows fatigue-free work – even during long work days.

- Logical and intuitive operation
- Pleasant noise background



ALL-TERRAIN CAPABILITY



Oscillation

To provide even better performance in difficult terrain, REFORM offers the Metrac H7 X and H9 X with two wheelbases (2,045 and 2,245 mm), which allow a front axle oscillation of up to 15 degrees. Thanks to 4 wheel steering with the same steering angle on both axles, the Metrac H7 X and H9 X are very agile.

- Up to 15 degrees oscillation
- 2 wheelbases



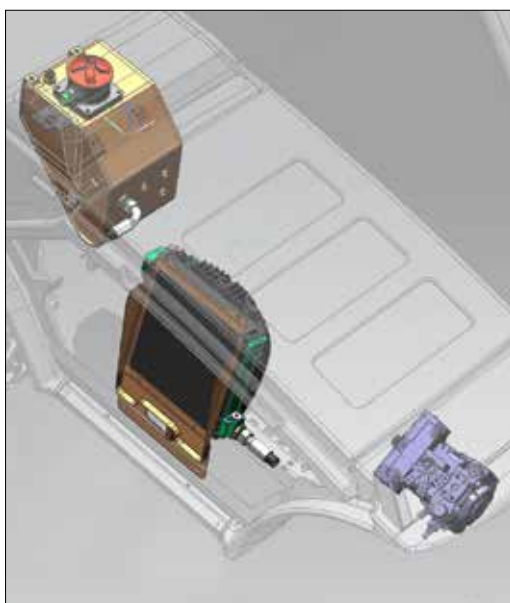
POWERFUL



New engines

With the two new Metrac H7 X and H9 X models, REFORM meets an important requirement from the field. With the new, high-torque 91 hp 4-cylinder turbo diesel engine, the new Metrac H9 X is a real powerhouse. Due to the integrated exhaust-gas treatment with a DPF and SCR catalytic converter, the Metrac H9 X meets the strict level 4 emission standards. With the reduced nominal speed of 2,300 rpm, the noise level has been reduced further. Thanks to automatic regeneration of the DPF, maintenance of the exhaust gas treatment could be reduced to a minimum.

- 74 hp / 91 hp
- 310 Nm / 380 Nm
- 2,300 rpm



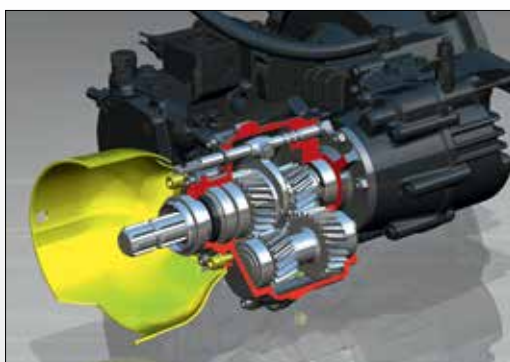
Super-strong hydrostat

With the new Bosch-Rexroth hydrostat components, the performance of the Metrac H7 X and H9 X is substantially increased. The larger hydrostat units make for 15% higher tractive power. This positively affects the driving characteristics.

New hydrostat cooling:

The new enlarged hydrostat components and temperature-controlled switching always cool the hydrostat components for best performance. Automated reversal of rotation of the fan ensures that the cooler never gets dirty, it also cleans itself automatically.

- 15% better traction performance
- Larger hydrostat cooler
- Automatic reversal of rotation provides for clean coolers



PTOs

In order to satisfy individual customer requirements, two different speeds (540 and 1,000 rpm) can be selected on the H7 X and H9 X both on the front PTO and the rear PTO. Optionally, the PTO speeds are combined in a manual gearbox. The Metrac H7 X and H9 X thus always provide the suitable PTO speed for the attachment.

REFORM Metrac H7 X

More power for diverse applications.

The 74 hp 4-cylinder turbo diesel engine in the Metrac H7 X excels in high efficiency and performance. The comfortable cab with intuitive operation ensures highest work comfort. High axle loads of 2,100 kg at the front and 2,600 kg make the Metrac H7 X a true workhorse. With a permissible gross weight of 4,000 kg, the Metrac H7 X guarantees a high payload.

The benefits at a glance:

- 74 hp
- 310 Nm
- 2,300 rpm nominal speed
- Dead weight from 2,275 kg
- Wheelbase 2,045 and 2,245 mm
- Up to 15 degrees oscillation
- New Bosch Rexroth hydrostat components
- Diesel particulate filter (DPF)



REFORM Metrac H9 X

Excellence in the comfortable premium class.

The H9 X extends the high end of the Metrac X-series with a powerful 91 hp turbo engine. Excellent lifting forces and axle loads as well as different PTO speeds allow demanding applications, 365 days a year. With a dead weight from 2,345 kg, the Metrac H9 X is a true lightweight in its class. Equipped with a diesel particulate filter (DPF) and an SCR catalytic converter with AdBlue injection, it meets the strict requirements of the level 4 emission standard.

The benefits at a glance:

- 91 hp
- 380 Nm
- 2,300 rpm nominal speed
- Dead weight from 2,345 kg
- Wheelbase 2,045 and 2,245 mm
- Up to 15 degrees oscillation
- New Bosch Rexroth hydrostat components
- Diesel particulate filter (DPF)
- SCR catalytic converter
- AdBlue





REFORM Metrac - with full power at work.



Technical data



Metrac H7 X



Metrac H9 X

Engine	4-cylinder diesel engine VM R754ISE5, 54.5 kW (74 hp) at 2,300 rpm, (emission level 3B) with turbocharger and common rail direct injection, intercooling, diesel particulate filter DPF, externally cooled exhaust gas recirculation, displacement 2,970 cc, water-cooled	4-cylinder diesel engine VM R754EU6, 67 kW (91 hp) at 2,300 rpm, (emission level 4) with turbocharger and common rail direct injection, intercooling, diesel particulate filter DPF, SCR technology and AdBlue, externally cooled exhaust gas recirculation, displacement 2,970 cc, water-cooled
Gearbox	Hydrostatic drive with mechanic 2-stage gear and electro-hydraulic 2-level switching, inching system, hydrostatic control selectable between automotive or manual, electrically switchable. 4 speed ranges: with 33" tyres: Terrain: 0 – 7.6 kph / 0 – 14.6 kph; Road: 0 – 19.7 km/h / 0 – 38.0 km/h with 425-tyres: Terrain: 0 – 8.0 kph / 0 – 15.4 kph; Road: 0 – 20.7 kph / 0 – 40.0 kph	
Clutch	Single-disc dry clutch with hydraulic central disengagement for PTO drive (electro-hydraulically switchable).	
Axles	Driving/steering axles with final drives front and rear, front axle $\pm 9^\circ$ oscillating, optionally $\pm 16^\circ$.	
Axle drive	4 wheel drive, front-wheel drive electro-hydraulic connect and disconnect.	
Differential locks	Pre-selectable, electro-hydraulically operated differential locks front and rear, with gear status indicator lights on dashboard.	
Steering	Hydrostatic steering with "Load Sensing", electro-hydraulic steering switch during driving, preselectable with switch logic for 4 wheel, front, rear and continuously adjustable crab steering; automatic synchronisation of the wheel position.	
Service brake	Hydr. dual circuit 4 wheel power brake	
Parking brake	Mech. parking brake, acting on rear axle service brake	
Engine hydraulics	Hydraulic pump 28.7 l/min, 195 bar, oil tank 13 l, standard equipment var. C4, operation via multi-function control lever, option: Var. D4: 1 additional control valve d.a.f. with parallel lines front and rear (max. 10 trailer couplings front and 8 rear)	
Front linkage	Angle swing lift with electro-hydraulic weight compensation and vibration damping, quick release system via seating locators, cat. 1, mech. top link, lowering speed control, electric external control, integrated, hydraulic lateral displacement with 400 mm adjustment range (± 200 mm), lifting force 1,500 kg.	
Rear linkage (option)	Rear 3-point linkage with movable lower links, retaining balls cat. 1 + 2, double acting cylinders (lift/pressure), switchable to single action, lowering speed control, electric external control, vibration damping, lifting force 1,500 kg. Option: Lower links with hook ends cat. 2, electro-hydraulic weight compensation, drawbar.	
PTOs	Power-shift PTO front and rear 1000 rpm, optionally 540 rpm, front anti-clockwise, rear clockwise, electro-hydraulically switchable with automatic soft start feature, (direction of rotation: Looking at PTO shaft end).	
Cab	Vibration damped deluxe cab with heater and air conditioning (ROPS-tested), panoramic windscreen, right side window, tinted window, comfort seats in various versions, tilt-adjustable steering column, parallelogram wipers, windscreen washer, sun visor, 2 exterior mirrors, interior mirror, cable pass-through (rear), bottle holder, radio preparation in the roof (2 speakers and aerial), cigarette lighter	
Gauges	Signal lights with symbols, e.g. for differential locks, four-wheel drive, hand brake, steering modes; analogue displays: Fuel gauge, tachometer, speedometer, remote thermometer. Digital displays: Operating hours meter, daily hours counter, clock, PTO speed front and rear, straight wheel alignment, various warning indicators, temperature display for hydrostatic drive	
Multi-function control lever	For continuous travelling speed control, central control of all essential functions of hoist and working hydraulics including EHR and changeover of 4 wheel steering	
Electric system	Battery 12 V, 105 Ah, alternator 140 A, lighting complete with removable headlight, option: Auxiliary lights front at roof, 1 or 2 work lights at rear, rotating warning light	
Fuel tank	Plastic fuel tank with 80 litres capacity and large filler.	
AdBlue tank	-	20 litres
Seat designs	Longitudinally and height adjustable comfort seats with pelvic support and tilt adjustable backrest in 3 designs: Comfort seat with leatherette cover (standard) or cloth cover, air cushioned seat with cloth cover, seat belt; Option: Side swivel unit, high backrest for comfort seat, protective cloth cover, arm rests	
Accessories	Weight compensation front/rear switchover, mechanical or automatic trailer hitches (fixed or height adjustable), supplementary components for the cab, stereo radio with CD and USB port, hydraulic top link, auxiliary weight compensation for front linkage, reverse buzzer, custom paint, snow chains; further options on request.	
Attachments	Flail mower, extension arm boom flail mower, sickle mower (with side or rear ejection), suction container with and without high discharge, road sweeper, self-loading sand and salt spreader, snow plough, snow blower, twin-blade mower, rotary disc mower, belt rake, front collecting fork, dump bucket, further tools on request.	
Tyres	Basic tyres: 31x15.50-15 Terra, 33x15.50-15 Terra, 440/50 R17 All Ground, 31x15.50-15 AG profile, 31x15.50-15 turf tread, 425/55 R17 AG profile; Auxiliary tyres: 31x15.50-15 with 6.50-16 AG, 33x15.50-15 with 7.50-16 AG, 425/55 R17 with 7.50-18 AG - steering angle is not limited!	
Weights	Dead weight: from 2,275 kg Perm. axle load front: 2,100 kg, perm. axle load rear: 2,600 kg; Perm. gross weight: 4,000 kg	Dead weight: from 2,345 kg Perm. axle load front: 2,100 kg, perm. axle load rear: 2,600 kg; Perm. gross weight: 4,000 kg
Wheel outer width	31" tyres: 2,020 mm, auxiliary tyres: 2,410 mm 33" tyres: 2,020 mm, auxiliary tyres: 2,440 mm R17 tyres: 2,160 mm, auxiliary tyres: 2,630 mm	
Turning radius	with 4 wheel steering: Short wheelbase: 3.55 m / long wheelbase: 3.74 m	
Dimensions with tyres 33x15.50-15	  <ul style="list-style-type: none"> A Short wheelbase: 2,045 Long wheelbase: 2,245 B Height incl. roof: 2,165 C Height with rotating warning light: 2,365 D Width: 2,020 E Track front and rear: 1,630 F Length without rear linkage: 3,210 / 3,410 G Length with rear linkage: 3,630 / 3,830 	



REFORM – your strong partner.

The acknowledged expert in municipal technology, intensive lawn care, mountain agriculture, horticulture and landscaping since 1910. Innovative quality solutions help to preserve a livable environment. We maintain a long-term, reliable partnership with our customers. REFORM is your expert for steep slopes, so you experience best

possible safety on extreme terrain. REFORM machines are distinguished by compact design, low dead weight and excellent soil protection. The tried and tested REFORM 4 wheel steering allows formidable agility with the smallest footprint. REFORM is your partner for all year round operation, offering solutions tailored to your requirements.



Your Reform Partner

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