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Enthusiastic
customers

Customer magazine of:
Reform-Werke Bauer & CO Gesellschaft m.b.H.

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reformer



The remote-controlled world first:

METRON P48 RC

The new technology by REFORM.

Two new products

In autumn 2018 we expanded our product range with two new products, the Boki H750 alpha with 7.5 t permissible gross weight and the remote-controlled hybrid tool carrier Metron P48 RC for the first time.

Innovation award

As soon as the brand new Metron P48 RC was unveiled, REFORM was awarded the innovation prize at the Galabau trade fair in Nuremberg for its completely novel tool carrier, which is like no other product.



Clemens Malina-Altzinger
CEO
Reform-Werke

Editorial

Dear Readers,
Dear Customers and Reform Partners,

the best partners, committed employees, innovative technology, and a strong market position – are what Teamwork Technology stands for. And they have been the basis for a successful year at REFORM. Thank you for your trust and great collaboration.

Teamwork Technology also stands for new products. The powerful Boki H750 alpha impresses with a particularly high payload and a new design. A world first, the remote-controlled hybrid tool carrier, Metron P48 RC, has caused excitement under “R-Evolution”. The Metron had already been awarded the Galabau Innovation Prize when it was unveiled. And the Boki 6552 excavator is out in front of the pack with a Euro 6C engine and excellent visibility.

You will have already noticed the new REFORM look. We – Agromont, Kiefer and Reform-Werke – have updated our joint appearance: the logo, website, brochures, photos and trade fair booth – everything has had a refresh.

Many new products and a new look: visit us at the upcoming trade fairs in Austria, France and Switzerland.

I hope you enjoy reading the new “reformers” and wish you every success in the 2019 season.

Your Clemens Malina-Altzinger

Investing in the future

Reform-Werke is building a new Customer & Employee Centre in Wels.

The new Customer & Employee Centre (the CEC) serves as a focal point for all plant visitors, customers, and employees. The generous exhibition area means that all our products can

be presented in an ideal setting. In addition to the exhibition hall, a new company restaurant is also being built, offering enough space for the daily lunch break, but also for various events. The CEC is expected to be finished in spring 2020.

Purchase of a commercial property in Dorfen

The purchase of an industrial site in Dorfen is the perfect first step for sustainable growth and a new factory building at Kiefer GmbH.





Teamwork across the board.

The AWEL (Office of Waste, Water, Energy and Air) uses REFORM equipment

AWEL ZURICH RELIES ON REFORM

AWEL (the Office of Waste, Water, Energy and Air) of the Canton of Zurich, Switzerland, has a huge territory to manage. Six regions rely on REFORM's technical support – including Ivo Isenring, Operations Manager at AWEL Glattbrugg.

The Glatt and Furt Valley region maintenance area extends as far as the German border and comprises a total of 65 km of rivers and streams as well as 2 retention basins. The 12-man team in Glattbrugg is supported by a Muli T10 X with an 18 m³ Reform multi-cut loading wagon, 2 Metrac H5 and H7 RX, as well as the M14 single-axle mower, all from REFORM, for care and maintenance. They have followed in the footsteps of the Reform Muli 880 and Reform Metrac H4.

Ivo Isenring is completely convinced of the REFORM products and raves about them. “The Metrac’s versatility and slope capability is enormous: whether with front mower, rear side mower, side delivery belt rake, blower, hedge trimmer, mulcher or a winch for thinning. Our drivers appreciate the versatility, ease of use and superb manoeuvrability thanks to 4-wheel steering. Changing attachments between the two Metracs is very quick and easy.”

The Muli T10 X with its powerful 109 hp Euro 6 engine in combination with the multi-cut loading wagon is also well-received. Worth mentioning here are the 440/50 R17 All-Ground tyres, which protect the soil, and the service-friendly tilting cab. The fully synchronised 32/8 speed, shift and shuttle gearbox delivers precise gear ratios in any working position.

Thanks to the creep speed gears, even under full load, it is possible to manoeuvre quickly and easily on slopes. The hydraulic door on the self-loading trailer provides the driver with the necessary level of convenience. The hydraulic hay top makes it easier to raise and lower when trees or bridges prevent free access. ■



The Muli T10 X is gentle on the ground with a high ground clearance of 400 mm.

In use for 50 years

SOUTH TYROL'S FIRST MULI

Fifty years ago, in January 1968, a contract was signed between the Landwirtschaftliche Hauptgenossenschaft Südtirol (Agricultural Cooperative of South Tyrol) and the Austrian agricultural machinery manufacturer REFORM. Soon after, the first REFORM transporter was sold in South Tyrol. It is still in use fifty years later.



From left: Anton Mair, Josef Pfeifhofer, Christoph Ohnmacht, Franz Hofer, Reinhard Fuchs, Clemens Malina-Altzinger, Peter Steinmayr, Tomas Caracristi.

The REFORM Muli is an extremely slope-capable transporter, which was specially developed for mountain agriculture and has been in standard production since 1968. As it is perfectly designed for safe and reliable use in steep and rugged terrain, it has found widespread use in South Tyrol in recent decades and continues to shape the face of South Tyrolean mountain agriculture to this day.

The first South Tyrolean Muli was sold by the Hauptgenossenschaft in 1968 in the Puster Valley. It speaks for the quality and reliability of this agricultural machine that it is still in use after fifty years. To celebrate this extraordinary anniversary, the CEO of Reform-Werke, Clemens Malina, and L.H.G.-Director Reinhard Fuchs recently went to Sexten with employees to visit Josef Pfeifhofer from Schrafflerhof in Moos and to see for themselves that the Muli is still doing its job after fifty years.

Josef Pfeifhofer and his sister Elfriede run

the farm with their family at 1,350 m above sea level. They keep 14 cows and 3 young cattle. The total area of the farm is 25 ha, of which 12 ha is grassland including rented fields. The meadows are in St. Veit, Moos, in the Fischleintal Valley, on the Kreuzberg Pass and in the Province of Belluno. All forage is transported home with the fifty-year-old REFORM Muli 25.

Also present at this small, yet unique celebration at Schrafflerhof were Christoph Ohnmacht, REFORM Sales Manager, Tomas Caracristi, responsible for the agricultural machinery division at the LHG, Franz Hofer, REFORM Area Sales Manager for Italy, LHG Agricultural Machinery Representative Peter Steinmayr and the retired long-time Agricultural Machinery Representative Anton Mair, who had sold the transporter 50 years ago.

Over the past decades, REFORM has continuously enhanced the Muli, and

it still enjoys great popularity among South Tyrolean farmers. It is also increasingly being used in the municipal sector. The latest model, the Muli T10 X Hybridshift, has both a mechanical and a hydrostatic drive, standard HCS suspension on the front and rear axles and a 109 hp engine. A payload of up to 5,200 kg with a very low dead weight and an extremely low centre of gravity make the Muli the preferred vehicle for difficult and steep terrain. Depending on the application, the Muli can be equipped with numerous attachments. ■



The 1968 registration certificate.

The Bjarli Skisenter ski resort relies on the Metrac H7 X

THE METRAC IN THE NORWEGIAN SKI RESORT

The Norwegian Bjarli Skisenter ski resort invested in a Metrac H7 X in July 2018 to be used on the slopes of the ski resort.



The Norwegian ski resort in summer.

For the Bjarli Skisenter ski resort, the Metrac H7 X is the perfect tool for maintaining the in places very steep slopes in summer.

As the snow in the region is very reliable for an extended ski season, the customer needed a reliable vehicle to keep the 19 kilometres of slopes in good condition during the short summer period. The low centre of gravity of the Metrac H7 X in particular was an important criterion for the customer when deciding to buy.

Where it gets too steep for conventional tractors, the Metrac can still drive safely. The light but stable design also protects the subsoil. The Metrac H7 X is a successful model for the Norwegian REFORM dealer partner, Stave Maskin AS. The exceptional

versatility of the vehicle has not only convinced this customer, but customers in the agricultural and municipal sectors as well.



The Metrac H7 X easily masters difficult slopes.

The Mounty 110V impresses in the Netherlands

WITH THE MOUNTY ON A STEEP HILL FACE

The famous “TT Circuit” racetrack in Assen in the Netherlands view with the famous GP racetracks in Germany and Silverstone in England.

The green areas of this racetrack, and especially the steep slopes of the spectator seats, have been mowed and maintained for many years with a Reform

Metrac H6 X. As there are many jobs to do besides mowing the steep slopes, Assen has invested in a REFORM Mounty 110V. The Mounty is an optimal combination

of standard tractor and two-axle mower. During a practical demonstration in November, however, our demonstration team first had to prove that the Mounty is just as safe on the “steep face” as a Metrac.

The machine mowed the face with flying colours. The key factors here were the low centre of gravity, the low ground pressure and the very easy-to-operate crab steering.

In addition to the mowing work in summer, the new Mounty 110 V is now being used especially for all front-end loader work. ■



The newly purchased Mounty 110V in Assen.



Muli T10 X HybridShift with snow plough.

Strong growth in municipal services technology

BOKI AND MULI CONQUER THE MUNICIPAL MARKET

“Strong in mountain agriculture, strong growth in municipal services technology” – the Reform-Werke strategy goes from strength to strength. Joining Muli, Mounty and Metrac, the Boki has already become well established on the market.

REFORM Muli – the municipal all-rounder.

For almost 50 years, the REFORM Muli has been well-known as a versatile transporter. Thanks to its 4 fully functional attachment areas, this vehicle is a true quick-change specialist regarding 365 days-a-year operation and is therefore efficient and economical for year-round use. Depending on the application, a tipper, salt spreader, snow plough, loading crane, sweeping machine or roll-off system can be fitted and swapped around. The compact dimensions of the vehicle as well as all-wheel steering enable it to be driven along narrow streets and turn within the tightest spaces. Thanks to a special frame construction, this powerful transporter has a low tare weight and yet is still designed for an overall weight of up to



Muli T10 X Hybridshift with Trilety sweeper.

9.5 tonnes. All models are equipped with a group preselect reversing gearbox, which guarantees the best possible efficiency. The Muli T10 X HybridShift stands for an additional advancement: the REFORM-developed HybridShift transmission, which combines the best of both worlds. The mechanical gearbox ensures the highest efficiency and low fuel consumption for transport jobs above 50 kph. Hydrostatic mode is then used for working at lower speeds with the convenience of a continuously variable transmission, which reduces driver fatigue. In addition, good all-round vision and the ergonomic layout of the controls allow the driver to concentrate fully on the work at hand. Thanks to the ergonomic position of the joystick, the attachments are in clear view and the driver can operate them with ease. These advantages make the REFORM Muli a no-compromise companion for a wide range of municipal tasks and is much appreciated by numerous local councils for the various applications it can handle. If an even more compact vehicle is required for municipal work, the Muli range is complemented perfectly by the Boki range of narrow track vehicles.



Boki in winter use.

BOKI – the municipal narrow track vehicle.

The BOKI has been well established on the market for almost 40 years and can be equipped with a hydrostatic transmission or mechanical gearbox. Able to travel at speeds of up to 90 kph, these vehicles are fast and efficient on the open road. In town, this vehicle delivers impressive manoeuvrability thanks to its all-wheel steering and narrow shape. These narrow track vehicles with a cab width of between 1100 and 1700 mm are suitable for jobs within tight spaces such as cleaning and

maintenance, winter services and park maintenance within historical city centres, pedestrian precincts and on pavements. The range of applications for BOKI vehicles are as varied as they are comprehensive – and this is one of the major strengths of this vehicle. With the BOKI platform it is possible to meet virtually any customer requirement and equip the vehicle to meet individual specifications. These vehicles are in high demand where it is essential to have compact vehicle dimensions, economical running costs and flexible operation.



Boki with mow-suction-combination.

We present



Boki H750 alpha

The new REFORM Boki H750 alpha municipal vehicle has many highlights on offer. Alpha – the first in its class – perfectly combines tried and tested and new features. The Boki H750 alpha is a compact and agile vehicle for municipal use 365 days a year.

The familiar 4-cylinder turbo diesel engine FPT F1C EU6c with 129 kW/ 175 hp output provides sufficient power. The new, electronically controlled Bosch Rexroth eDA premium hydrostat allows the driver to work comfortably and steplessly. The driving direction is easily selected at the push of a joystick button. The hydrostatic components are generously dimensioned, and in combination with the mechanical 2-gear reducer, the Boki H750 alpha has a climbing capability of more than 25 % at maximum gross weight.

The alpha was developed on the back of the tried and tested REFORM municipal vehicles. But the new Boki has undergone a complete revision. With its permissible gross weight of 7,500 kg, the Boki can carry a high payload of up to 4,000 kg and thus considerably increases the range of applications once again.

The Boki H750 alpha is equipped with full LED lighting, which provides excellent visibility and comes with a long service life. The working lights are optimally positioned on the roof of the cab for glare-free working – even when it is snowing.

Motech RM18

The Motech RM18 combines power, compactness and manoeuvrability in one unit and is very comfortable and easy to operate thanks to the DualDrive travel control. The machine features a smaller track width for working in confined spaces and a centrally positioned axle for easier lifting of heavy attachments. A soft bar bearing it possible to work with low effort and efficiently, even over long shifts. The Motech RM18 is equipped as standard with bar steering or on request with lever steering. The ZeroTurn function also makes it possible to turn quickly on the spot without damaging the soil.



REFORM built-on self-loading trailer PrimAlpin now also available for the Muli with a short wheelbase

Optimally adapted to the high-end transporter performance class, the PrimAlpin self-loading trailer has proven its worth in operation. New for the 2018/2019 season, the PrimAlpin self-loading trailer is now also available for the Muli with a short wheelbase. See page 6 f.



The revolutionary tool carrier

METRON P48 RC

On 12 September 2018, REFORM presented its new product, Metron P48 RC, for the first time at the Galabau trade fair in Nuremberg.

With the Metron P48 RC, REFORM has launched a revolutionary new product. The remote-controlled hybrid tool carrier has a multitude of features that have never been combined in this form in a vehicle before. The Metron P48 RC is the vehicle for versatile use.

The Metron P48 RC is the first remote-controlled tool carrier with a true hybrid drive. The vehicle concept is based on a 48 hp Kubota petrol engine, a generator flanged directly to the flywheel, 4 electric wheel motors and a battery pack. The Metron P48 RC has a front linkage with PTO and an optional rear linkage. There is also a mounting frame on the vehicle.



Operation

The Metron is operated with a powerful, ergonomic radio remote control with integrated colour display. The 4.3" screen is not only used to check the current status of the vehicle, it also displays the battery state of charge and other important information.

The Metron drive concept

The petrol engine drives the generator on the REFORM Metron P48 RC. This supplies the energy to the battery pack and to the 4 electric wheel motors. The generator is additionally equipped with a through-shaft, which drives the mechanical front PTO. This means that the Metron can operate all attachments mechanically. This drive delivers very efficient operation with significantly less power loss than conventional hydraulic drives.



Attachments

The hybrid drive also means that the Metron P48 RC can operate purely electrically without any emissions. If more power is required, the petrol engine can be switched on quickly and easily as required. Thanks to the standard Cat. I linkage and the mechanical hybrid PTO, the machine can operate all common attachments. A wide variety of attachments such as flail mulchers, sickle mowers, snow blowers, snow ploughs, road brushes, and much more can therefore be easily mounted. ■

For more information, visit www.reform.at/en/products/metron



Metron P48 RC with sickle mower.

Motorway Directorate in Prague is expanding its line of vehicles

8 METRACS FOR CZECH MOTORWAYS

In mid-June 2018, 8 Metrac H7 X units were delivered to the Motorway Directorate in Prague. The Metrac H7 X was particularly appealing thanks to its slope capability and versatility. The Motorway Directorate attaches particular importance to safe use on embankments, which have to be managed in the same way as flat areas and central reservations.



Delivery at the Czech motorway control centres.

The vehicles were delivered over 3 days at 8 different locations.

The first deliveries took place on the D1 motorway at the Mirošovice and Velký Beranov motorway control centres near Jihlava. The next delivery was on the D11 motorway at the Poříčany motorway control centre near Sadská. Further deliveries were made on the D8 to

Nová Ves near Mělník and on the D5 to Svojkovice near Rokycany in the Pilsen region. The last stop was the D2 motorway in Podivín near Břeclav.

The Czech motorway control centres already have various REFORM machines at their disposal. The employees of the Motorway Directorate were particularly enthusiastic about the

improved performance of the new Metracs. The hydrostatic gearbox and the continuously variable speed were also well received and praised.

Pavel Lipenský, Managing Director of TopKarMoto, is very pleased with the purchase of the eight Metrac H7 X units. "We are immensely proud of the new purchases. And extremely pleased too." ■



The 8 Metracs are waiting to be deployed.

Metrac demonstration in Holland

METRAC H9 X THRILLS ONLOOKERS

You could hardly see the Metrac H9 X on its first deployment on the motorway near Amsterdam at the beginning of July.



In many regions of the Netherlands, you are not allowed to start the first cutting until 1 June. Hence, the amount of

vegetation on motorways and main roads is very high.

In order to demonstrate the performance of the Metrac H9 X, we equipped the machine with a Mühling flail mower combination for front and rear attachment. The working width is therefore an impressive 3.8 m.

The private contractor, who had been using a Reform H6 X, was thrilled by the power of the H9 X.

Instead of driving at 2 to 3 kph, they could now drive through the fields at 5 to 6 kph without any problems.

The responsiveness of the new hydrostat and the pleasant background noise from the reduced engine speed were particularly appreciated.

On deep trenches and passages, where the old H6 X sometimes “lifted a leg”, the H9 X always stayed on the ground with all four wheels thanks to its long wheelbase and the maximum possible oscillation.

The demonstration showed once again that the H9 X is a real powerhouse with a very favourable power-to-weight ratio for high acreage performance in steep terrain. ■



Metrac H9 X mowing in Amsterdam.



TRADE FAIR OVERVIEW 2019

SIMA, Paris (FR)
24/02 - 28/02/2019

Interalpin, Innsbruck (AT)
08/05 - 10/05/2019

Demopark, Eisenach (DE)
23/06 - 25/06/2019



The new products at a glance

Boki 6552

The Boki 6552 cemetery excavator and the new, environmentally friendly EU6c engine comply with the strictest emission regulations. With its 114 hp, it is the most powerful Boki cemetery excavator. The diesel particulate filter (DPF) and the SCR catalytic converter with AdBlue injection have been cleverly integrated into the existing vehicle concept.

Motech RM18.16 and RM18.14

The two models are equipped with the DualDrive control system, which was awarded a prize at last year's Demopark, and which has already proven itself in many applications. Now the options of both machines have been extended with an accessory hydraulic system.

Metron P48 RC

The Metron P48 RC is the first remote-controlled tool carrier with a true hybrid drive. The vehicle concept is based on a 48 hp Kubota petrol engine, a generator flanged directly to the flywheel, 4 electric wheel motors and a battery pack.

Metrac H9 X

REFORM brings important new features to its flagship Metrac H9 X for the 2019 season. Thanks to the newly developed cooling system, a reversing fan is now available as an option. Environmental protection also plays an important role, as it already complies with the strict standards of emission level 5.

Muli T10 X HybridShift

With the Muli T10 X and T10 X HybridShift models, REFORM complies with the latest and most stringent regulations of emission level EU6c.

PrimAlpin with short wheelbase

Optimally adapted to the high-end transporter performance class, the PrimAlpin self-loading trailer has proven its worth in operation. New for the 2018/2019 season, the PrimAlpin self-loading trailer is now also available for the Muli with a short wheelbase.

Boki H750 alpha

The new REFORM Boki H750 alpha municipal vehicle has many highlights on offer. Alpha – the first in its class – perfectly combines tried and tested and new features. The Boki H750 alpha is a compact and agile vehicle for municipal use 365 days a year.

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