

HYDROMOWER

M9, M14, CUTTER 100



**Economical. Manageable. Manoeuvrable.
Powerful in extreme situations.**

REFORM 

TECHNOLOGY AT ITS BEST

Hydromower implements



		M 9	M14
		possible working widths in cm	
Mower drives	Rotoflex mower drive	x	x
	Mower drive for twin blade with lateral drive	x	x
	Mower drive for twin blade with central drive	x	x
Cutter bars	Finger bar arrow cut T61 with swathe boards	145 / 160 / 190	160 / 190
	Bush cutting bar arrow cut T61	145 / 160 / 190 / 205	160 / 190 / 205
	Mulching bar ESM (Universal bar)	117 / 148	148
	Municipal cutter bar ESM with pitman steering	122 / 142 / 162	122 / 142 / 162
	Double-knife cutter bar for lateral drive	125 / 150 / 170	125 / 150 / 170
	High clearance twin blade mower with outer shoes	165 / 205 / 238	165 / 205 / 238
Belt-type rake	Belt rake BR 3/10 / BR 3/11	180 / 200	180 / 200
Mulchers	Flail mower FMF 80 / RTK 100 / 120	80	100 / 120
	Safety mulcher SM 90 / 105 / 125	90	105 / 125
	Vertical flail mower VS 80 / 122	80	120
	Municipal rotary mulcher 80 / 100	76 / 95	95
Tillage	Levelling harrow	150	150
	Rotary harrow UK 75 / 90 / 100 / 125	75 / 90 / 100	90 / 100 / 125
	Add on seeding machine SM 75 M / 90 M / 100 M	75 / 90	90 / 100
	Reversing rotavator UF 70 / 80 / 90 / 100	70 / 80 / 90	90 / 100
Area maintenance	Path maintenance device WP 75 / 90 / 100	-	75 / 90 / 100
	Tree stump milling cutter SF 50	-	x
	Weed remover WE 90 / 100	90 / 100	90 / 100
	Combi sweeping machine 2400	90 / 110	90 / 110
	Combi sweeping machine 2350	110	110 / 130
Winter equipment	Snow plough Type S8	130 / 160	130 / 160
	Hard snow blower Zaugg SF40-32-R-80 / 100	80	100
	Snow blower B85	85	-
	Snow chains tractor track chains	x	x

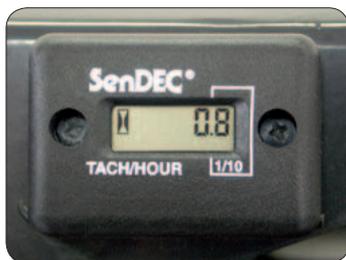
M9, M14

Optional equipment

Reform hydromowers can be equipped with various special appliances as required. Various items of equipment are available for use on steep slopes, such as a wide gauge assembly or dual tyres.



A **working headlight** is useful when working at dusk or at night



A digital **Hour Counter** enables you to record the hours worked, especially useful for recording overtime!



The **wide gauge assembly** is 280 mm wider and is excellent for slopes and cross country applications (only for M14).



Finger guards are highly desirable when operating the machine alongside shrubs or other obstructions.



The **wheel cut off** is necessary for towing and makes it easier to manoeuvre the mower when the engine is switched off.



M9 with Zaugg **two stage hard snow blower** with adjustable chute.

Luxury features as standard equipment

Independent power take off drive, especially important for applications with rotating appliances. The quick release mechanism makes it easy to mount and remove the various appliances and ensures a secure and tight connection between the base appliance and the accessory.

Easy to service – Lifting the hood reveals the clear and accessible method of construction, which makes servicing a breeze. It also reveals the tools you need for making adjustments – plus the lifting ring.



REFORM Hydromowers M9, M14 and Cutter 100

Enormous power combined with easy to use controls



These versatile professional hydromowers display all the benefits of innovative engineering, ergonomically arranged controls, reliability and convenience.

Their most important features are:

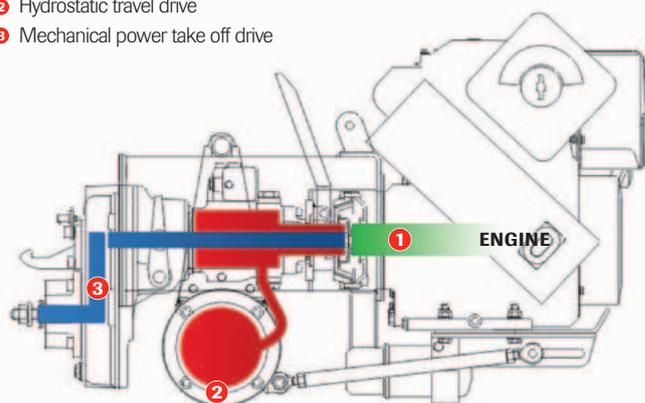
- Economic all year round availability by using a number of specially matched implements
- An outstanding ability to cope with slopes and difficult terrain
- Power and endurance from their high performance petrol engines, up to 21 hp
- Ideal working speed in every situation thanks to the continuously variable hydrostatic travel drive
- Extreme mobility and soil protection
- Convenient operation of speed control at the push of a button or by moving a smooth hand lever (finger rake)
- Quick release for implements
- The fine tuneable mechanically operated steering valves facilitate precise and effortless manoeuvring and turning
- Lifting eye for crane loading



Optimum power flow. Maximum effectiveness.

Power is transmitted straight from the engine via the clutch to the hydrostatic pump and from there on to the power take off gear. In the power take off gear the power is transmitted to the coupling by just two spur gears. This means that virtually 98% of the engine power is available to the P.T.O. drive.

- 1 Drive / Engine
- 2 Hydrostatic travel drive
- 3 Mechanical power take off drive





REFORM Hydromower M9

A reliable partner for all the year round



Its **wide wheelbase** and excellent slope angle makes the Reform M 9 a reliable partner for extreme terrain. The distinctive features of the REFORM M9 are its **continuously variable drive, hydrostatic travelling drive**, finely tuneable hydraulic steering and intuitive operation. The hydrostatic **ZERO TURN 360°** steering and its counter rotating wheels mean that you can steer it while stationary without damaging the soil.

In the course of development particular attention was paid to **safety**, day to day reliability, easy operation and low weight. The REFORM M 9 also comes with an **adjustable, anti vibration handle bar**, a lifting lug, a quick change connection for accessories and a low emission engine as standard.



A powerful four stroke Robin EH 41 engine with 9.9 kW (13.5 hp) provides the necessary power for every situation

Tyres
21x11.00-8



The **municipal cutter bar** with pit-man guide ensures a clean cut without clogging.



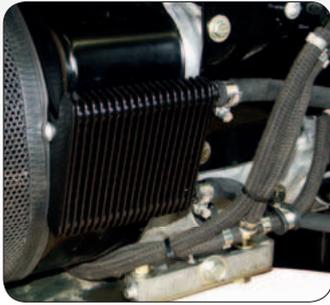
Even in extreme situations the non clogging **high clearance double knife mower** provides excellent mowing performance.



The **UF 80 reversing rotavator** with its vertically adjustable grid roller copes particularly well with stones and old turf.



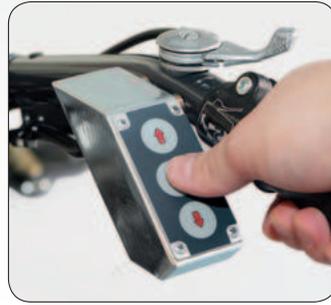
The cutting height of the **FMF 80 flail mower** with rear roller is adjustable from 45 to 110 mm.



The new, completely maintenance free **oil cooler** in the REFORM M9 lowers the operating temperatures of the hydrostatic drive by up to 20%. This will increase the operating safety and life of the whole system significantly.



Mechanical travelling drive adjustment by means of a **smooth hand lever** (finger rake).



Directional touch pad for a convenient, continuously variable electro hydraulic travel drive adjustment.

The versatile range of implements make it an indispensable tool for all-the year round operation not only by farmers, but also by local authorities, private contractors, gardeners and landscapers.



Tyres
23x5.0-10



The **safety mulcher**, with its multi tooth rotor shaft, provides a high level of safety.



Weeder WE 90 with counter rotating disk or cup brushes and support wheels for cleaning pavements and kerbs.



Levelling harrow with rotoflex drive, the indispensable tool for gardening and landscaping.



The high performance, **two stage snow blower** preparing you for a hard winter.

REFORM M14 Hydromower

The professional mower for gardening and landscaping

Thanks to the very wide range of hydromower implements you can use the machine all year long, regardless of whether the Reform M14 is used for working on a civic amenity or motorway site, or by a gardener and landscaper, farmer or private contractor.

The continuously variable longitudinal axle adjustment enables the machine's centre of gravity and bearing pressure to be perfectly matched to the accessories in use and operating conditions. Together with the fine tuneable one wheel steering, this makes work far less tiring. The speed can be changed via the integrated precision feed control, e.g. slow acceleration for snow blowing, and a quicker speed change for mowing. A directional touch pad makes it easy to adjust the speed of the **continuously variable, hydrostatic travelling drive**.



The M14 has a powerful 2-cylinder 4-stroke petrol engine which offers both power and endurance. 15.4 kW (21 hp). With optional electric starter!



You can quickly clean up even the dirtiest mess with the **road sweeping machine**.



Even large volumes of snow don't bother the two phase **snow blower** with its adjustable ejection funnel.



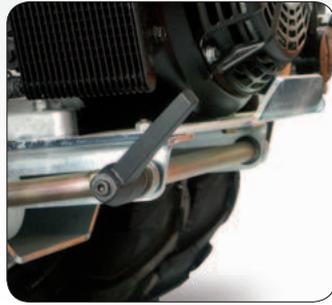
The **twin blade mower with lateral drive** is especially suited for mowing along embankments and guard rails.



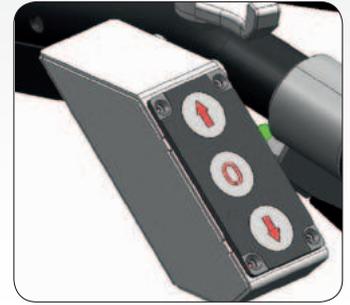
M14 with **SF 50 tree stump grinding cutter**, a powerful but manageable piece of equipment that you can continue to use even in tight spaces.



Standard M14 axle adjustment allows you set the best possible weight distribution for the various implements and working conditions.



If the application requires it, the Reform M14 can be equipped with the necessary twin or supplementary tyres.



Electro hydraulic travelling drive adjustment. You can conveniently adjust your operating speed at the push of a button by using the directional touch pad.



Tyres
23x8.50-12

One of the M14's special safety features is that the electro hydraulic travel drive can be automatically reset by operating the two steering levers simultaneously.

All M14 models can be equipped with an electric starter on request.



The SM 75/90 and 100M add on seeding machines for the rotary harrow provides even sowing. The sowing shaft is driven via the grid roller.



The vertical flail mower VS 122 with side skids can cope with large amounts of vegetation.



The FMF 100 R flail mower with rear roller and 6 mm blades is just the right appliance for professional applications.



Weeder WE 100 with counter rotating disk or cup brushes and support wheels for cleaning up and tidying pavements and kerbs.

REFORM Cutter 100

The powerful professional flail mower

Thanks to the **continuously variable hydrostatic travel drive** in the Reform Cutter 100 you can set your speed to match working conditions, without letting go of the handle bar, via the smooth finger rake on the mechanical travelling adjustment or by using the convenient directional touch pad on the electro hydraulic travel drive adjustment. This means that you can change from forward to reverse without interrupting the travel drive. This is useful, especially on rough and difficult terrain. Fine tuneable, mechanically operated hydraulic steering valves ensure perfect steering of the machine in every situation.

The flail mower with a working width of 100 cm is equipped with a hefty rotor shaft with 6 mm Y blades and a robust, spacious flail hood. This facilitates a high throughput and fine chopping. The height adjustment, which ranges from 45 to 100 cm, is operated via the front wheels.

The cutting height adjustment is via the amply dimensioned front wheels, with optional rigidity assembly.



Optimal cross country capability – Cutter 100 with cage wheels

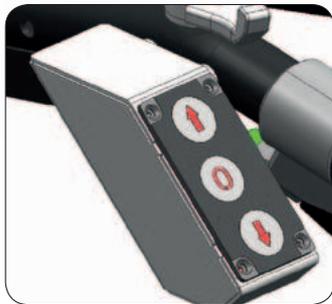
The laterally swivelling handle bar is particularly useful for working along fences.



An ergonomic and clearly laid out work station. The controls are ideally located and easy to operate. The handle bar is of course vertically and laterally adjustable without tools. This means that the controls are ergonomically adjustable, even in ditches or alongside obstacles.

Tyres
21x11.00-8

There is an **optional** rigidity assembly available, which ensures that the front wheels can only be steered straight ahead in the contour line or in the direction of slope. The Reform Cutter 100 can be equipped with the high grip 5.0-10 AS tyres or the soil friendly 21x11.00-8 Terra tyres.



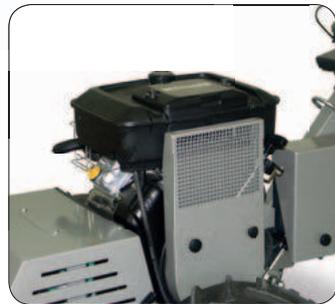
Directional touch pad for a convenient, continuously variable electro hydraulic travel drive adjustment.



Supplementary Cage wheels provide enhanced lateral support (option). In the picture with tyres 21x11.00-8.



Dual rubber wheels 5.0-10 for optimum performance on slopes (option)



The strong 2-cylinder 16 hp Briggs & Stratton engine has huge power reserves. **With electric starter** as standard!

Rotary drive and flail unit

Alongside the smooth implement clutch, the Cutter 100's drive unit is also equipped with a quick stop device, which brings the rotor shaft to an immediate standstill as soon as the drive is switched off, ensuring high operational safety.

The flail unit with 6mm Y blades has been constructed for professional use and can cope with the thickest vegetation.



REFORM

A very wide range of available implements

The large number of accessories available for the hydromowers mean that the machine can be used throughout the year, making it an economical tool. Implements can be changed conveniently and quickly, using the self centring quick release connector.



Flail mowers FMF 80 / FMF 100 R with rear roller, flail blade 6 mm, high rpm speed, fine chopping, working width 80 and 100 cm

Twin blade cutter bars with lateral drive, with two vertically adjustable slide skids, working width 125, 150 and 170 cm



Levelling harrow with rotoreflex drive, adjustable oscillation limit, working width 150 cm



Municipal rotary mulcher 80 / 100 with skids, working width 76 or 95 cm

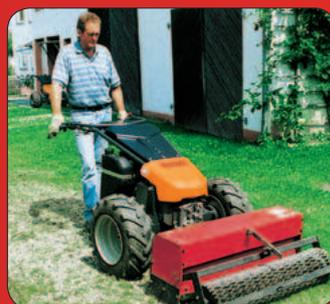
Hydromowers in use



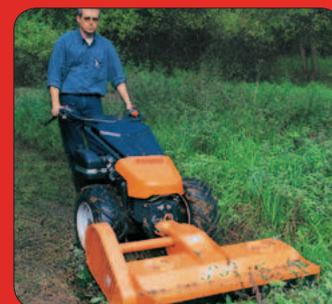
Rotary harrow UK 75 / 90 / 100 / 125 with vertically adjustable grid roller, working width 75, 90, 100 and 125 cm



Combi sweeping machine 2400 lighter construction, 90 and 100 cm, support wheels, rotatable. Optional: dirt holder, side broom



Path maintenance machine WP 75 / 90 / 100 with adjustable grid roller, working width 75, 90 and 100 cm



Safety mulcher SM 90 / 105 / 125 with rear roller and spiral shaft, working width 90, 105 and 125 cm



Snow blower B85 (85 cm, see image)
or **Zaugg hard-snow blower** (80 or
100 cm), headroom 60 cm, 2-phase



Tree stump grinder SF 50
with hardened cutting wheel,
disk diameter: 50 cm

Rotoflex mower drive
with bush cutting bar arrow
cut T61 (other bars in the table)



**Vertical flail mower VS 80 /
VS 122** with skids, fine cut,
working width 80 and 120 cm



Belt rake BR 3/10 / BR 3/11 with
support wheel steering, working
width 180 and 200 cm



Reversing rotavator UF 70 / 80 / 90 / 100
with vertically adjustable mesh pattern roller
working width 70, 80, 90 and 100 cm



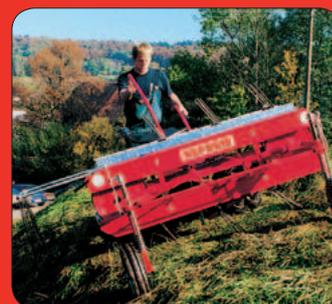
Combi sweeping machine 2350
heavyweight version, 110 and 130 cm,
2 speeds, support rollers, swivelling.
Optional: dirt holder, side broom



Tree stump grinder SF 50
with hardened cutter wheel,
disk diameter: 50 cm



Snow plough S8
Swivel adjustment from bar, steel or
plastic scraper, working width 130 and
160 cm



Belt rake BR 3/10 / BR 3/11
with support wheel steering,
working width 160 and 180 cm

Large selection of cutter bars

There is a comprehensive range of finger bars, bush cutting bars, municipal and double-knife cutter bars available in various working widths for every application and for the greatest variety of feed conditions (not for Cutter 100).



Finger cutter bar Arrow cut T61
145 | 160 | 190



Bush cutting bar Arrow cut T61
145 | 160 | 190 | 205



Municipal bar ESM with pitman steering
122 | 142 | 162



Mulching bar ESM (Universal bar)
117 | 148



High-clearance double-knife mower
165 | 205 | 238
Optional: skids, additional weight



Twin blade cutter bars with lateral drive, with 2 vertically adjustable slide skids
125 | 150 | 170

SM 220 The grinding machine
for extra-precise grinding and a "good cut"
For grinding all blade types up to a 50° cutting angle.



Double-knife cutter drive with blade protection
for double-knife cutter with central drive, 135 | 170, only for M9





Hydromower M9



Hydromower M14



Single-purpose flail mower Cutter 100

Engine	4-stroke petrol engine: Robin EH 41 D, OHV , 9,9 kW / 13,5 PS, 404 cc, diaphragm petrol pump, tank capacity 70 litres, recoil starter and demountable fine dust grid	4-stroke petrol engine: Briggs & Stratton 20 HP Vanguard, 2-cylinder, 15,4 HP / 21 HP, 570 cc, diaphragm petrol pump, 11 litre tank capacity for both types, recoil starter, electric starter on request	4-stroke petrol engine: Briggs & Stratton 16 HP Vanguard, 2-cylinder, 11,9 kW / 16 HP 480 cc, diaphragm petrol pump, with electric starter
Travelling drive	Hydrostatic, infinitely variable drive unit, direction and speed mechanically adjustable, by means of a smoothly operating hand lever (finger rake) or electro hydraulically by means of a directional touch pad on the steering bar with integrated, continuously variable precision advance control, quick change of direction achieved by activating the steering bars simultaneously.	Hydrostatic, infinitely variable drive unit, direction and speed infinitely adjustable, mechanically by means of a smoothly operating hand lever or electro hydraulically by means of a directional touch pad on the steering bar with integrated, continuously variable precision advance control.	
Speed	Forward 0 - 8.0 km/h, Reverse 0 - 3.6 km/h	Forward 0 - 9.0 km/h, Reverse 0 - 4.0 km/h	Forward 0 - 8.0 km/h, Reverse 0 - 3.6 km/h
Steering	Fine tuneable hydraulic steering valves with zero turn function. Operated by 2 smooth steering levers on the left and right of the handle bar. Hydraulic differential lock effect when travelling straight ahead. Avoids damage to the soil when turning and 360° turn radius when stationary by zero turn (one wheel rotates forwards, while the other rotates backwards). Quick switch from forward to reverse drive.	Fine tuneable hydraulic steering, operation via 2 levers on the left and right of the handle bar, hydraulic differential lock effect when travelling straight ahead.	
Axle	fixed axle	Adjustable axle – continuously variable, longitudinally adjustable (120 mm) for adjusting centre of gravity or for load reduction	fixed axle
Headstock (implement coupler)	Self-centring quick hitch		Flail mower firm-coupled!
Power take-off	Front power take-off shaft (independent of travelling drive) 874 rpm at 3,400 rpm engine speed, anti-clockwise rotation (in driving direction)		Flail mower drive: independent of travelling drive via drive belt
Handle bar	Elastically supported, vibration cushioned handle bar; vertically and laterally adjustable; emergency stop lever on the left of the handle bar, optionally on both sides for use with belt type rake, toolbox		Vibration absorbing, vertically- and laterally adjustable handle bar, emergency stop lever on the left side of the handle bar
Weight (basic appliance)	185 kg with mechanical travelling drive adjustment, 187 kg with electro-hydraulically travelling drive adjustment	234 kg with 21 hp engine	315 kg complete with flail mower
Tyres	5.0-10 AS tyres (Standard), 23x8.50-12 Terra tyres, 21x11.00-8 Terra tyres, 6.00-12 AS tyres	23x8.50-12 Terra tyres (Standard), 21x11.00-8 Terra tyres, 6.00-12 AS tyres, spike-tooth rollers	5.0-10 AS tyres (Standard) 21x11.00-8 Terra tyres, spike-tooth rollers
Dual/auxiliary wheels with quick release	Cage wheels alongside rubber wheels, dual rubber wheels alongside rubber wheels, dual rubber wheels with spacing flange.		
Track widths (mm)	Width outside (single tyres)	Width outside (single tyres) Normal gauge Wide gauge	Width outside (single tyres)
5.0-10 AS	773	- -	760
6.00-12 AS	827	909 1189	-
21x11.00-8	1048	1202 1482	1032
23x8.50-12	956	908 / 1098* 1188 / 1378*	
		* from laterally transposed wheel assembly!	
Additional equipment	Wheel cut off, operating hours counter, finger guards, working head lights, parking brake, double emergency stop,	Wide track set, free wheeling, elapsed time meter, finger guards, working headlights, parking brake, double emergency stop, wide track set with elevation, electric starter set with battery	Elapsed time meter, finger guards, working head lights, rigidity assembly for front rollers
Equipment	Finger cutter bars, bush cutting bars, municipal and double-knife cutter bars in various working widths with rotiflex or double knife mower drive, high clearance double knife mower drive, belt rakes, various mulchers, municipal rotary mulchers, safety mulchers, levelling harrow, rotary harrow, reversing rotavator, add-on seeding machine, sweeping machine, weeder, path cleaning machine, tree stump milling cutter, snow plough, snow blower (see table in inner section), belt type crop mowing device (only with M 14), further equipment on request		permanently mounted flail mower: robust flail box with a hefty rotor shaft and 6 mm Y-blades, height set via front sensing wheels, from 45 mm to 100 mm, working width: 100 cm
Dimensions			 Breite 1160 mm width 1160 mm



Fine flail mower T1281
Flail blade 2 mm, working width 128 cm

REFORM – your top supplier.

Recognised specialist in local authority equipment since 1910, intensive lawn maintenance, gardening and landscaping and seeding machines. Innovative, high-quality solutions help maintain an attractive environment. We maintain a long term trusting partnership with our customers. REFORM is the specialist for steep slopes, which means that you can

enjoy the maximum confidence in extreme conditions. REFORM implements are well known for their compact construction, low weight and excellent soil protection. The tried and tested REFORM all wheel drive provides outstanding manoeuvrability in very tight spaces. REFORM is your supplier for all year round use and has tailor made solutions to meet your needs.



Your Reform Partner

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