







A robust forage unloading wagon with excellent weight distribution

Versatility: Transporting grass, unloading grass silage into silo or as a stationary silage cutter. Well proven by thousands of farmers.

The durability is impressive. If it can tackle tough Norwegian conditions with slopes and rough terrain it can be used anywhere! The wheel axle is mounted at the rear of the wagon, this means that up to 25% of the total weight is transferred to the tractor. UH 7028 comes as standard with adjustable track width. This ensures safety when driving on side slopes. The drawbar is also adjustable. Large wheels LP500x15.5" are standard. As an option bigger wheels than those ones standard mounted, to improve flotation and stability. Extensions to increase loading capacity as an option. This increases the load capacity by 30-50%. The discharge roller (option) spreads the gras into the silo. In many cases the discharge roller can replace the manual leveling in the silo. NEW: Declutching on the discharge roller. Thus, it's easy to switch between silo filling and feeding.

Underhaug Forage Unloading Wagon can be used together with a automatically controlled silage feeder. Options: Various wheel sizes, grass extensions, silage cutter and discharge roller etc.

	UH-7028
Total length	596 cm
Total height	237 cm
Flat bed length	370 cm
Flat bed width	170 cm
Frame height	138 cm
Payload	4000 kg
Unladet weight:	1300 kg
Track width	1,50-1,80

Wheel options: 500/50-17 Radial TL 600/50/22.5 159 D radial 650/40/22.5 150 D radial 710/35/22.5 157 D radial

Optional: Sealing screen, Discharger roller, gras catcher, Light package. Lime and fertilizer spreader. Gera motor (akW three-phase) for use as a stationary operation silage cutter. Lights: Bracket for lactic

	UH-7028	Salar Salar
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UH-8000 684/706 cm Total length 256-347 cm Flat bed length 408 cm Flat bed width Frame height Payload 2200 kg

Wheel options: 600/50/22.5 159 D radial 710/35/22.5 157 D radial

Track width

(Optional) Side walls extensions Grass catcher, Discharge roller Light package Sealing screen

Forage unloading wagon with high capacity

The scraper floor is hydraulically driven - a "must" for unloading into a tower silo.

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track width. This ensures safety when driving on side slopes. The drawbar is also adjustable. Large wheels Lp600x15,5" are standard. As an option bigger wheels than those ones standard mounted, to improve flotation and stability. Extensions increases the load capacity by 30-50%. The discharge roller (option) spreads the gras into the silo. In many cases the discharge roller can replace the manual leveling in the silo. NEW: Declutching on the discharge roller. Thus, it's easy to switch between silo filling and feeding.











Forage Unloader Wagon with hydraulic rear gate. The perfect implement for filling silos.

High capacity Forage Unloader Wagon, low unladen weight, low ground pressure. Hydraulically driven scraper belt - Perfect for silage pit.

The durability is impressive. If it can tackle tough Norwegian conditions with slopes and rough terrain it can be used anywhere! The wheel axle is mounted at the rear of the wagon, this means that up to 25% of the total weight is transferred to the tractor. UH 8001 comes as standard with adjustable track width. This ensures safety when driving on side slopes. The drawbar is also adjustable. Large wheels LP600x15,5" are standard. As an option bigger wheels than those

ones standard mounted, to improve flotation and stability. The discharge roller (option) spreads the gras into the silo. This increases the load capacity by 30-50%. The patented discharge roller (option) is a good investment. It spreads the gras gentle and accurate in the silo. In many cases the discharge roller can replace the manual leveling in the silo. NEW: Declutching on the discharge roller. Thus, it's easy







Round bale handler with roller tines

for gentle handling of wrapped round bales

With Silagrip I (UM-7705) bales can be transported and stacked without damaging the stretch film. The roller tine system consists of 1 pair rollers, bearings and Kverneland standard bale spears. The roller arms handle the bales very gently.

It's easy to convert UM - 7705 Silagrip Grapple into an ordinary bale fork, just pull the rollers off from the spears. This is done in a few minutes. An upper bale spear can be supplied as an option. The upper bale spear is needed to rotate bales. It also provides a secure transportation. Silagrip I requires one double-acting hydraulic outlet. Supplied with 1.5 m hydraulic hoses and ISO couplings. Regarding couplers (for weld-on, directly or on plates) for front loader, contact the front loader dealer. 3-Point point mounting Category II.

Weight	175 kg
Length	1500 mm
Height	700 mm
Claw length	1100 mm
Grapple width	1800 mm
Max. bale diameter	1400 mm

Order number

UM 7706 Trima/Alo/HMV-brackets UM 7707 Trianale bracket

UM 7708 Euro brackets

Combi brackets HMV/Trima/SMS/ Accord bracket/3-point

Overhead arm

UM 7711 Top link bracket for Overhead arm round bale fork (2 pcs.)

UM 7714 3-point for lower link and top link Three-point kit (7705 + 7710)





Double Hydraulic bale handler with roller tines

For gentle transport and handling of wrapped 2 round bales. Delivered with 2 double-acting cylinders and 4 hydraulic hoses.

Weight		350 kg
Length		1330 mm
Height		700 mm
Claw leng	th	1180 mm
Grapple v	vidth	2330 mm
Max. bale diameter		1200 mm
Maximum	Bale Weight	900 kg x 2
Order num	nber	
UM 7812	Trima/Alo/HM	V-bracket
	Accord bracke	t
UM 7813		
UM 7813 UM 7814	Euro brackets	
		ts HMV / Trima / SMS /
UM 7814		





Triple Hydraulic bale handler with roller tines

for gentle transport and handling of wrapped 1 - 3 round bales

To achieve high quality round bales, a good result depends on more than the baling and wrapping. It is also important to avoid damaging the stretch film when handling and transporting the bales. Sizes available Underhaug has a wide range of round bale grapples / lifters. Choose between 1, 1+1, 1+2, 1+3, 2+2, 2+3, 3+3, depending on the tractor size.

With just one tractor you can transport up to 6 round bales. You'll get a high, gentle transport efficiency. Silagrip 7 requires one double-acting hydraulic outlet. Supplied with 1.5 m hydraulic hoses and ISO couplings. Available with most types of tool carriers for front loaders.

Operation

Step one: Pick up bale number 1 with the front or rear mounted bale grapple. Step two: Pick up bale number 2, drive next to number 3 and unload the rear bale. Step three: Back and lift all 3 bales with the rear mounted UM- 7810 Triple Round Bale Grapple. Step four: Pick up 1, 2, or 3 bales with the front mounted bale grapple, depending on the type of bale grapple (single, double or triple). A support bar on top of the frame prevents the ball from sliding into the tractor. With UM-7810 Silagrip 7 Triple Round Bale Grapple bales can be transported and stacked without damaging the stretch film. The roller tine system consists of 2 pair of rollers, bearings and Kverneland standard bale spears. The roller arms handle the bales very gently. It's easy to convert the bale grapple into an ordinary bale fork, just pull the rollers off the the spears. This is done in a few minutes.

Weight	260 kg
Length	1330 mm
Height w / support	1320 mm
Claw length	1180 mm
Grapple width	2330 mm
Max. bale diameter	1200 mm
Max. bale Weight	900 kg x 3

Order number

UM 7716 Combi brackets HMV/Trima/Triangle/3.-point UM 7750 welded Trima/Ålø/HMV brackets, painted

UM 7751 welded Triangle, painted

UM 7752 welded Eurocoupling, painted

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UM - 7825



Combigrip

Combigrip for handling and stacking all types of round bales

UM-7762 Combigrip is specially developed for stacking bales without damaging the stretch film. The Combigrip handles round bales from any angle and can also be used on square bales.

There are no rollers or arms that get pinched either below or on the sides of stacked bales: The grapple lifts the round bale from above. UM-7762 Combigrip is perfect for stacking as well as for picking bales from the stack. The gripper requires a double-acting hydraulic outlet and is supplied with 1.5 meter hydraulic hoses and ISO couplings.

Veight		160 kg
Length		1500-2100 mm
Height		1240 mm
Max width	n (mm)	1240 mm
Order num UM 7762 UM 7763	with 3-point li	nkage lo / HMV brackets



Round bale handler

Round bale handler with grip arms for transporting and stacking of round bales on the side or end

Round bale handler with freely oscillating, curved and rounded handler arms for gentle handling of round bales. With this model, it is possible to choose whether you want to stack the round bales on the end, side or height. The design of the handler arms means that ready-wrapped round bales are transported / stacked without damaging the plastic. UM-7825 can handle round bales from 900 - 1800mm in diameter. The UM-7825 is also equipped with an anti-sigging valve. This provides safer transport over longer distances. We supply UM-7825 for most front loaders. A doubleacting hydraulic outlet on the tractor is required. The lifting capacity is 1200kg. Supplied with 1 meter hydraulic hoses and ISO couplings.

Weight	190 kg
Length	1230 mm
Height	810 mm
Width (folded)	1350 mm
Grapple width	1975 mm

UM 7825

UM 7826 with Trima / Alo / HMV-bracket

UM 7827 with Accord bracket UM 7828 with Euro brackets



UM - 7800 SILAGR<u>I</u>P



Easy handling of round bales

A standard bale gripper (Silagrip 1 or Silagrip 2) mounted at the front loader and a Silagrip 4 round bale lifter at the rear affords double capacity.

A cost-effective implement for lifting and transporting round bales. UM-7780 has two A cost e semi-vertical arms with an outer and inner limiter. When the bale lifter is lowered to the ground to pick up the bales, the semi-vertical arms with lifting tubes spread automatically to the outer limiter. When lifting the implement, the semi-vertical arms with lifting tubes swing together and hold the bale.

UM-7780 Bale lifter is made for or mounting onto the tractor's three-point linkage. It also possible to weld on a A-frame. Can also be adapted to front loaders.

Weight		70 kg
Max bale	diameter	1200 mm
Maxs. bale weight		900 kg
Order number UM 7781 with Trima / Alo / HMV brackets UM 7782 with Accord bracket UM 7783 with Euro brackets		



Gentle transportation of 3 round bales

Today's tractors are getting more and more powerful. We have therefore launched "Triple" round bale lifter and round bale grapple. Combined with our already existing single and double round bale grippers and lifters, our concept "Silagrip" provides full coverage for transporting 1-6 bales simultaneously.

The combination of Silagrip 1, Silagrip 2 or Tripple Silagrip 7 at the front loader and a Triple Silagrip 6 at the three-point linkage gives up to five times capacity when bales are to be transported.

UM-7800 Silagrip 6 Triple Round Bale Lifter

A cost-effective mechanical implement for lifting and gentle transporting 1-3 round bales. The lifter has two sets of lifting tubes welded on separate semi-vertical arms with an outer and inner limiter. When the bale lifter is lowered to the ground to pick up the bales, the semi-vertical arms with lifting tubes spread automatically to the outer limiter. When lifting the implement the semi-vertical arms with lifting tubes swing together and hold the bales. When lifting the implement the semi-vertical arms with lifting tubes swing together and hold the bales.

Weight	200 kg
Length	1330 mm
Height w / support	1400 mm
Claw length	1180 mm
Grapple width	2200 mm
Max. bale diameter	1400 mm
Max. bale Weight	900 kg x 3

Order number

UM 7801 with Trima / Alo / HMV brackets

UM 7802 Accord bracket

UM 7803 Euro brackets

UM 7804 Combi bracket HMV/Trima/SMS/
Accord bracket, Quick bracket/3-point





UM-7790 Double Round Bale Lifter is quick and easy to operate. For mounting in the tractor's three-point linkage. It's also possible to have a double round bale lifter at the rear and a UM-7780 at the front for transporting 3 bales at the same time. With wrapped round bales and relatively short transport distances, the double round bale lifter is the perfect solution.

The working principle is similar to the single bale lifter UM-7780. UM-7780 has two lifting tubes welded on separate wsemivertical arms with an outer and inner limiter. When the bale lifter is lowered to the ground the semi-vertical arms with lifting tubes spread automatically to the outer limiter. Then pick up the bale. When lifting, the semi-vertical arms with lifting tubes swing together and hold the bale. The double round bale lifter is actually a UM-7780 with a wider frame and has two pairs of semi-vertical arms with lifting tubes instead of one pair. In other words, a twin of the single Bale lifter.

How to use:

Pick up one bale and unload it close to (10 to 20 cm) another bale. Pick up both bales. To avoid damaging the stretch film you must be careful when handling the bales. This way you avoid damaging the film. To pick up the first bale it does not matter if it is picked up on the right or left side of the bale lifter, simply drive to the second ball so that it can be laid 10-20 cm from it.



UM-7790 XL Double Round Bale Lifter is easy to operate. It is made for or mounting in tractor's threepoint linkage with ball ends or Walterscheid Quick Coupler. It's also possible to have a double round bale lifter at the rear and a UM-7780 at the front for transporting 3 bales at the same time. With wrapped round bales and relatively short transport distances, the double round bale lifter is the perfect solution.

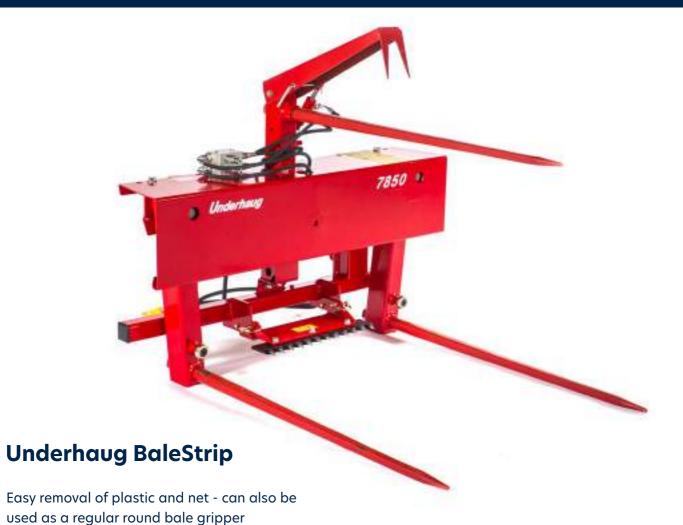
The working principle is similar to the single bale lifter UM-7780. UM-7780 has two lifting tubes welded on separate semi-vertical arms with an outer and inner limiter. When the bale lifter is lowered to the ground the semi-vertical arms with lifting tubes spread automatically to the outer limiter. Then pick up the bale. Effective and gentle transportation of round bales from 120 and up to 150 cm When lifting, the semi-vertical arms with lifting tubes swing together and hold the bale.

The double round bale lifter is actually a UM-7780 with a wider frame and has two pairs of semi-vertical arms with lifting tubes instead of one pair. In other words, a twin of the simple Bale lifter. How to use:Pick up one bale and unload it close to (10 to 20 cm) another bale. Pick up both bales. To avoid damaging the stretch film you have to be careful when handling the bales. This way you avoid damaging the film.

To pick up the first bale it does not matter if it is picked up on the right or left side of the bale lifter, simply drive to the second ball so that it can be laid 10-20 cm from it.

Weight		185 kg	
Max. bale	diameter	1500 mm	
Maxi. Bale	weight	900 kg x 2	
Order numb	oer		
UM 7795	with Trimo	a / Alo / HMV I	brackets
UM 7796	Accord br	acket	
UM 7797	Euro bracl	kets	
UM 7798	Combi bro	ckets, HMV /	Trima/SMS/
	Accord br	ackets, Quick l	brackets /
	3-point		





Weight		210 kg
Length		1500 mm
Height		700 mm
Claw lengt	:h	1200 mm
Max. bale	diameter	1400 mm
Order num	ber	
UM 7852	Stationary Co	ounter) knife
UM 7853	Knife for mou	nting on forage
	mixer wagon	

The Silastrip has as standard 3 tines. One upper and two lower. In addition, it is equipped with a hydraulic claw. The claw is normally open in the upper position. The claw is hydraulically operated.

Operation

Set the lower tines in their innermost position. Insert the upper tine as high as possible in the bale. Use the stationary knife to split the plastic at the bottom of the bale. Position the bale over the feeding location. Lower he claw towards the upper tine and squeeze plastic and net. By spreading the lower tines, the bale will open; the silage will fall out, and the plastic will remain squeezed between the upper tine and the claw. The Silastrip can also be used as a standard hydraulic round bale gripper with roller arms.

Conversion to round bale gripper is done in a few minutes by inserting rollers (tubes) on the 2 lower tines and securing with a screw. The horizontal knife between the tines must be tilted up and locked. Take off the upper tine and tilt up the claw to a vertical position and activate the lock. The Silastrip can now be used for lifting and transporting round bales.





Round bale fork

Underhaug 11500 round bale fork

Round bale fork with 3 tines that can be tilted up hydraulically for safe transport. When driving along the road, the spear can easily be tilted up into the transport position when it is not in use. The bale fork is solid and has 3 tines, one short (985mm) and two long (1240mm) which provide a good grip for the round ball. The 11500 also has a low weight and has the center of gravity close to the tractor. We supply 11,500 to most front loaders. A double-acting hydraulic outlet on the tractor is required. Supplied with 1 meter hydraulic hoses and ISO couplings.

Length	w/tines	1225 mm
Height		615 mm
Width		814 mm
Order nı	umber	
11500		
11501	with Trima / Alo / HMV brackets	
11502	with Accord bracket	
4500	March 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

11504 with 3-point brackets

11400 DOUBLE ROUND BALE FORK





Weigh	.	160 kg		
vvcigii		100 kg		
Max. b	ale weight	1100 kg x 2		
Total width		2540 mm		
Order r	number			
11400	11400 Double bale fork standard with			
	3-point coupler			
11401	1 (double bale fork with Trima/Alo/			
	HMV-bracket			
	11402 Double bale fork with triangle			
	Quick bracket			
11403	Double bale fork with			
	Euro brackets			
11404	Double bale fork with Combi-brackets HMV			
/Trima / Alo / Accord bracket			et	

Underhaug double bale fork

The Bale Fork is designed to transport 2 round bales up to 1800 mm diameter

The outer dimensions of the frame are 2540 mm; in compliance with the traffic regulations in force which requires a max. speed of 30 km / h and Total width max 2550m (country specific). The frame is equipped with a standard 3-point connection and 6 pcs. Kverneland tines mounted in welded sleeves. The tines can be removed individually. The tines are positioned to fit 2 x 1200 mm round bales for safe and secure transportation.

The fork is so solid that even with heavy bales 2 tines in each bale ensures safe transportation. The bales are supported by the upper tines (if installed) If you take off the upper tines the bale fork can also work well as a double pallet fork.

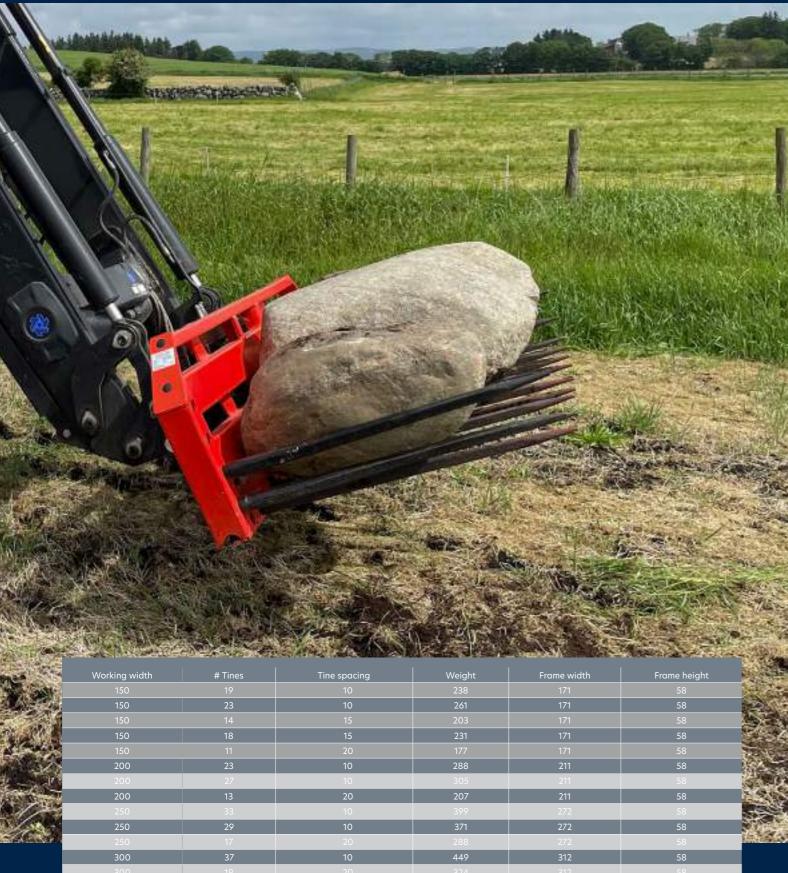






UNDERHAUG MULTI-FORK







A unique tool

The Underhaug Multisvans is a unique multi-tool for handling stone and many other loading and transportation tasks such as: silage, dry manure, firewood, straw and hay bales, pallets etc. This is a real multi-fork implement! Robust frame design The frame is made of solid square tubes. The entire structure is reinforced with Kverneland's unique steel heat treatment method. This applies also to the tines.

types of front loaders / tool carriers. Can also be delivered with standard 3-point connection.

Different widths, tine spacing and tine types

Underhaug Multisvans can be delivered in widths of 1.5 m, 2 m, 2.5 m and 3 m. Available with tine spacings 10 cm, 15 cm, 20 cm or 30 cm, with straight or curved tines. The cranked tines are especially suitable for various loading tasks and for gathering stones on top of loose soil. It's not necessary to lower the frame completely down to the ground. The result is better separation and less wear. The result is better separation and less wear on the cross beam.

Efficient

Underhaug's Multisvans with a hydraulic top linkage is an efficient multi-fork for breaking and transporting stones and roots. Mounted on a front loader it is a useful implement for handling silage, dry manure, stones etc. The four side tines provides safe handling and transportation with a full load. By dismantling some tines, Multisvans can also be used as a pallet fork.

Various couplers

As standard Multisvans is delivered without connection brackets/ couplers. Choose between: Trima, Ålø, Bergsjø, Ålø type III, Large Volvo, Small Volvo and Stoll. In addition we can deliver tilt-frame (mechanical) for three-point linkage.

Length: curved= 960mm (241181), straight= 980 mm (241161), straight=1240 mm (241162)

Order number UM 7716 Combi brackets HMV/Trima/Triangle UM 7750 welded Trima / Alo / HMV brackets, painted UM 7751 welded Triangle, painted

UM 7752 welded Euro brackets, painted 241454 3-point w / tip Multisvans 241455 3-point Multisvans

360130 SMS / Trima / HMV Bale Fork (w / 2 pcs. M24x120)





UM - 8003



50 YEARS OF QUALITY

Hay barrow for transport and distribution of hay and silage

It is primarily intended for the transportation and distribution of silage grass, wet grass, lye straw and other green fodder inside the barn. Simplifies manual handling. Work studies show that you can do far more with this tool than with a hay fork.

Other transport equipment

The Hay barrow is also a handy little cart that can be used for other various light transports on the farm. A sack of turnips, a couple of small square straw or hay bales to be moved a short distance etc. It's a handy tool!

Light and robust.

It is designed as a hay fork for tractors, with 5 steel tines that carry the load and an overhead double claw. The load is released by pressing a pedal. It rolls easily on large rubber wheels and handles loads of 75-100 kg.



Approximate 75 kg wet grass

Order numbe

UM 8028 Standard UM 8029

Application

The metering system is simple- precise and safe. The discharge rate is adjusted with a screw at the bottom of the trolley.

The discharge rate is indicated on a scale
The well-laid out and easy-to-read scale shows concentrate amount from 0-10 kg. The scale can be set steplessly (calibrated) in relation to the speed of the discharge screw. The scale therefore displays the discharge rate accurately (kg) regardless of the type of concentrate used.

Flexible

The discharge spout can be adjusted to suit different heights of trough. The track is adjustable.

Brake disc 241295

The brake disc is designed to reduce spills of pellets at the discharge spout. It transmits the pressure away from the discharge spout. Also recommended on old trolleys. Rubber tire set 8012. Rubber tires can be fitted to an old trolley without any modifications. These wheels have larger diameters.





Tot. length (incl. handle)	128 cm
Max. Width (mm)	78 cm
Wheelbase (ext.)	62 cm
Overall height	93 - 143 cm
Height of discharge spout	15 - 65 cm
Volume	200 l
Unladen weight	70 kg





An efficient seed drill for renewing existing grassland without prior tillage.

Availability in working widths from 1.5 to 3 meter. UM - 7926 Direct seed drill 1.5 m, 6 cm row spacing UM - 7942 Direct seed drill 2.5 m, 6 cm row spacing UM - 7950 Direct seed drill 3 m, 6 cm row spacing

Working width	1,5, 2,5, 3,0 m
Application	0-50 kg/ha
Seed box	(160, 270 eller 320 litres)
Row spacing	6 cm
# rows	26, 42 eller 50
# seed coulters	13, 21 eller 25
Pressure per coulter	10-100 kg
Unladen weight	400 kg (1,5 m)-800 kg (3,0 m)

machine can sow all kinds of grass seeds and most herb seeds. It is the seed size that limits its use. Ordinary grain seed is too large for the feed rollers.

Practical use in agriculture

On surface-cultivated grassland it's difficult to perform tillage. A direct seed drill is the answer. Stones just below the turf? No problem! The spring-loaded seed coulters oscillate freely and slide easily over such obstacles. The seed drill is also well suited for sowing special seed varieties in existing crops, such as clover in clover-poor meadows. And it's also well suited for sowing herbs and other vegetable varieties (organic farming.)

Golf courses, sports fields, and other green areas.

epth wheels. 6 cm row

depth Easy filling - low

The direct seed drill has proven to be an excellent seed drill for renewing sports

What types of seeds can be sown? The For maintenance and rejuvenating of sports fields and golf courses it may be necessary to cross-sow. For maintenance and rejuvenating of sports fields and golf courses we can deliver a special skid for the seeding units. This is based on our long experience sowing on golf courses

Unique seed coulters

Our unique seed coulters consist of "skids" with two slots with sharp adjustable coulters with adjustable ground pressure. The coulter pressure is adjustable from 10 kg and upwards by means of a spring on each coulter arm and hydraulic depth wheels (standard equipment on all machines). Each skid has two longitudinal slots. A hardened steel knife in front of each slot can be adjusted up or down to achieve desired sowing depth. The seed is dropped straight into the rows created by the sharp coulters. This system has proven to be better than both ordinary coulters and disc coulters. The seeding units consist of "skids" with two slots with sharp adjustable coulters. This avoids ripping up loose soil, stones, and plant residues. The seed drill is available in 4 working widths from 1.5 m to 3.0 m. UM7900 has 21 seeding units with a total of 42 coulters, 42 rows and a row spacing at 6 cm. Working width 2.5 m. UM7950 has 25 seeding units

with a total of 50 coulters, 50 rows and a working width of 2.5 m. Otherwise the 4 machines are exactly the same.

Seed coulters

The seed drill has a seed hopper with feed rollers. Each seed hoper has 26, 34, 42 or 50 outlets (1.5, 2.0, 2.5 or 3.0 m machine), respectively.

The seed rate is set centrally and steplessly from 0 to 50 kg / ha (5 kg / decare). (As the thousand grain mass varies quite a lot, it is recommended to calibrate the seed rate setting before starting seeding operation)

Speed - capacity

For metering system with displaceable feed roller, the amount of seed discharged depends on both how long the feed roller is pushed into the housing and on how fast the roller rotates. If the feed roller rotates too fast, the roller starts to "cheat" because it rotates so fast that the seed does not fill the grooves in the rollers completely. The seed rollers are driven via a chain by a land wheel. It is not recommended to drive faster than 6-7 km / h, which corresponds to 15 -17.5 da / h for a 2.5 m machine and 18 -21 decare / h for 3.0 m machine.

fields, golf courses and parks. The unique
seeding units consist of "skids" with tv
slots with sharp adjustable coulter
This avoids ripping up loose soil, stone
and plant residues. Fairways on sever
golf courses have been reseeded wi
great success, golf was played with r
alian nation

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UM 7977 Knife set, 2 mm steel w / 1 m shims for 3 m machine Order number UM 7955 Triangle Quick brackets, complete UM 7978 Knife set, 3 mm steel 2 m (34 knives) UM 7966 Lighting equipment complete 2.5 and 3 m UM 7979 Knife set. 2 mm steel w / shims for 2 m (34 knifes) UM 7968 Extra ballast weights 2.5 m (130 kg) UM 7980 Knife kit, 3 mm steel 1.5 m (26 knives) UM 7969 Extra ballast weights 3.0 m (150 kg) UM 7981 Knife kit, 2 mm steel w/ shims 1.5 m (26 knives) UM 7972 Area counter (digital) for 2.5 and 3 m UM 7986 Farm Flex rolls 3.0 m UM 7987 Farm Flex rolls 2.5 m UM 7974 Knife set, 3 mm steel (std) for 2.5 m machine UM 7975 Knife set, 2 mm steel w / 1 mm shims for 2.5 m machine UM 7988 Farm Flex rolls 2.0 m UM 7976 Knife set, 3 mm steel (std) for 3 m machine UM 7989 Farm Flex rolls 1.5 m





Underhaug grass seed drill is suitable for seeding or reseeding meadows, pastures, lawns etc.

The machines are delivered as standard with three point linkage connection and adjustable rear harrow. The hopper has an effective agitator shaft for precise seeding even on hilly fields. The seed drill has tractor pattern tires. The drive is transferred via chains to the feed rollers. Feeding amount is set with a wheel with different positions and the choice of two speeds. The rear harrow is easily adjusted with pins.

Grass seed drill	UM 6025	UM 6030
Weight	165 kg	185 kg
Working width	2,5 meter	3 meter
Total width	2750 mm	3230 mm
Height	1050 mm	1050 mm
Seed box capacity	99 L	120 L
Tyre size	4.00 x 8	4.00 x 8
# Seed rollers	21	25





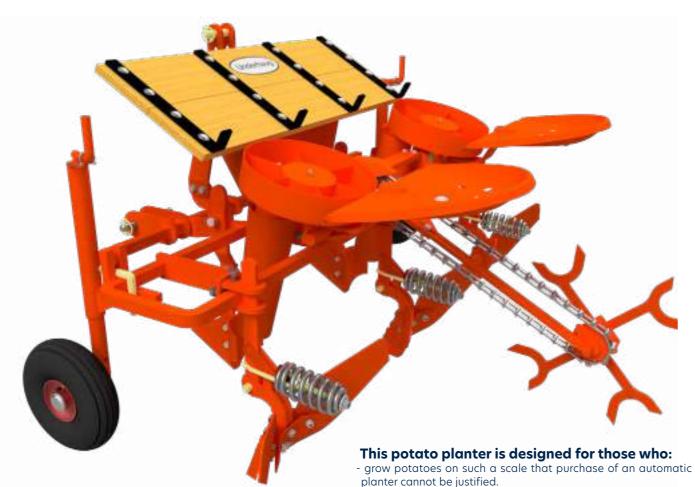












UM-5150 2 - ROW POTATO PLANTER

This is the semi-automatic potato planter from UM which in few minutes can be converted into a ridger. Thus - here are two quality implements in one

Versatile

- · The planter is well-suited for chitted seed.
- Capacity up to 3,3 acres (1,5 ha) a day at 70-80 cm. row width.
- Row width adjustable from 65 to 85 cm. in steps of 5 cm.
- Spacing stepless adjustable from 25 to 40 cm.
- · Applicable for planting og all shapes and sizes of seed.
- Equipped with platform for boxes.

- have specialized in eraly production and use chitted seed only.
- are responsible for the potato development on test farms and in agricultural institutes.

Ridger

In standard execution the planter includes ridger with 450 mm shares. The shares are individually adjustable and they are equipped with an automatic stone release system.

The planting aggregate

For each row the is a feeding rotor. This has got 6 cells into which the potatoes are placed manually. The rotors are worked by a chain connected to a stepwheel following behind the machine. By means of this stepwheel it is possible to adjust the planting distance from 25 to 40 cm. The planting aggregate is also available as a separate unit. Ordering number UM1550 Planting Aggregate.



Simple and robust construction

UM2000 elevator digger is a robust built potato digger that can be used under nearly all har- vesting conditions. It is 3-point mounted and P.T.O. driven. The elevator chain is a hooked steel chain that can also be delivered with rubber covered rods.

Gentle handling

With correct adjustment the elevator digger will give you gentle handling of your potato crop. Important points to be conside- red for minimum damage are P.T.O. speed, forward speed and the angle of the lift elevator. Adjustment of the elevator is controlled by the length of your tractor top link.

Easy maintenance

Typical wear parts on the machine are the shares, belt sprockets, rollers and the elevator chain. All these parts are easy to replace.

Capacity

For the lifting of food potatoes and other potatoes where it is important to keep low damage, a forward speed of 2-3.5 km/h (1.25-2.2mph) is recommended. This is corresponding to 0.3-0.6 acre/hour. For factory potatoes where the damage factor is less important, the speed can be increased considerably.

Lifts ahead of pickers

At the rear of the digger, behind the elevator chain, a side grate delivers the potatoes to the side of the machine placing them far enough from the next ridge to prevent the tractor wheels rolling over them when the next ridge is lifted. With this machine it is possible to lift as much of the field as one wishes- independant of the pickers. Under wet soil conditions it is often desirable to let the potatoes rest on the ground for some while in order to dry up a little. Ouicker picking is facilitated by digging in advance of the pickers.

Number og rows:	2
Row width:	65-85 cm
Spacings:	25-40 cm
Width (70 cm row width):	205 cm
Weight:	250 kg





Туре:	One-row,3-point mounted evatordigger
Lifting parts:	Share, elevator chain and swinging side grate
Capacity:	0.25-1.0 acre/hour
Row width:	Max. 30" (75 cm)
Chain width:	20" (49.5 cm) rubber
Working length of chain:	180 cm
Max. wheel track:	167 cm
Min. wheel track:	121 cm
Weight:	210 kg





Globus triple CrossKill roller

With high operational reliability and stable construction, the roller is easy to maneuver in a working position as well as during transportation. All unctions for adjustment are hydraulically operated. In transport position the side wings rest in cradles which provides good weight distribution and stability. Globus CrossKill rollers are available in 4.5 - 6.1 meters. All functions for changing from transport to working position are hydraulically operated. In transport position the side wings rest in cradles, which provides good weight distribution and stability. The parking jack ensures safe parking and a separate holder for the hydraulic hoses is standard.

The roller requires two double and one single acting rear remote control valves



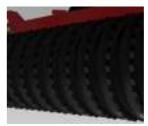
Thanks to the parallel linkage on the CrossBoard the working angle is the same regardless of the working depth



Crosskill ring Ø450 mm and Ø490 mm crushes clump.



Integrated stone box on the center section. Conveniently unloading by lifting the side sections



Solid 50 cm Cambridge-rings for effective packing

Globus triple Cambridge roller

With high operational reliability and stable construction, the roller is easy to maneuver in a working position as well as during transportation. All functions for adjustment are hydraulically operated. In transport position the side wings rest in cradles which provides good weight distribution and stability. The Globus Cambridge rollers are available in 4.5 - 7.0 meters.

The ground pressure is nearly the same over the entire working width. You benefit from an even surface, where all plants get the same growing environment.

GLOBUS CROSSKILL ROLLER	GRS 450CR	GRS 540CR	GRS 610CR
Working width, cm	450	540	610
Transport width, cm	245	245	245
Ring diameter, cm	50	50	50
Weight, kg	2020	2340	2520

GLOBUS CAMBRIGDE ROLLER	GRS 450	GRS 540	GRS 610	GRS 700
Working width, cm	450	540	610	700
Transport width, cm	245	245	245	245
Ring diameter, cm	50	50	50	50
Weight, kg	2020	2340	2520	2900

COMBI GRAS ROLLER









Sow in black soil

The sowing drum has many advantages. You can use it to sow directly in the meadow, or in black mold. If it's a bit uneven when you go out and sow in black mold, then the brake tines comes into its own and smoothes it out before you spread the seed right behind and then with the post-harrow, which rotates the seed down a bit.
The drum comes last and gets the seeds and
The fan is electric, which means that you only need 3 hydraulic outlets on the tractor. The brake stone packed down well. All this in one go.

Direct sowing

If you are going to sow directly in the meadow, first take the brake tines and turn the ground a little so that a little mold comes up and the harrow has something to root the seeds in. Again, you get to drum it in the same stroke so you don't

have to run over the piece a second time. When you put the machine in working position, you get the tank at a good height to fill seeds, while the fan is not above the spreading plates so that the seeds have an easy way out, and which means that there is less chance of it clogging.

tines also has easily replaceable hardened wear steels. It comes with a screen with GPS on the speed that outputs the right amount regardless of whether you drive at 3 km/h or 9 km/h.

Delivered in good working widths of 4.5 meters and 5.4 meters at 3 km/h or 9 km/h.

BENEFITS:

- Direct/ new meadow
- Saw and drum at the same time
- Brake tines
- Advantage of sowing in well-drained soil
- 4.5 meters and 5.4 meters
 - Light filling
- Easy way for seeds Good capacity
- Electric fan
- GPS

SIMPLE ROLLER GRS 300	
Work width, cm	300
Transportation width, cm	300
Ring diameter, cm	50
Weight, kg	1017

GLOBUS COMBI SOW ROLLER		
Work width, cm	450	540
Transportation width, cm	245	245
Ring diameter, cm	50	50
Weight, kg	3300	3740





Globus GSR stone rake

GLOBUS GSR mechanizes the task of one picking and removal.

The working depth is down to 10 cm, leaving a well-prepared field cleared of stones. Large clods are crushed, and the surface is leveled. Afterwards, the rows of stones can easily be collected by one of our stone pickers.

The tines are made of hardened boron steel with high quality and durability. The stone rakes are delivered with standard or double number of tines. Double number of tines is suitable on smaller stones.









GLOBUS STONE RAKE	GSR 32300	GSR 63300	GSR 44400	GSR 87400
Working width, cm	300	300	400	400
Standard / double, number of tines	Standard	Double	Standard	Double
Transport width, cm	345 (130*)	345 (130*)	130	130
Number of tines	32	63	44	87
Weight, kg	700	815	885	1040
Power requirement, hp	45	45	60	60

^{*} Travelling bar as an option. PTO-shaft included on all models



Globus knows all about snow



2-stage snow blower GTF 235 and GTF 250

GT F 235 and GT F 250 is one of the best-in-class 2-stage snow blowers. Extended use of high quality Hardox and Strenx steel in the chassis, as well as Hardox 450 in the impeller, impeller housing and intake auger.

The wear blades are made of Hardox 500. Powerful driveline with duplex chain, large solid gearbox and high-quality bearings. Parts susceptible to wear have a long service life and low operating costs. The drive transmission is provided with a shear bolt torque limiter against overloads and foreign bodies.

Surface treatment!

Sandblasted - degreased and primed, before painting with 2 component varnish. The snow chute is designed to give the user full control of the direction of the snow. You can also direct the snow into the space between the tractor and the machine to avoid leaving snow in driveways. The chute can be folded down for easy maintenance and is also fitted with grease nipples for all joints to expand the chute's lifetime.



Easy access to shear pin on intake auger



Solid Duplex 1" chain.



Greasing points on all spout link



Chute rotation: New larger 50cc

GLOBUS 2-STAGE SNOW	GTF 235	GTF 250
Working width	235 cm	250 cm
Impeller diameter	70 cm	80 cm
Intake auger diameter, cm	45 cm	45 cm
Weight	800 kg	900 kg
Douger requirement by	70	90

OPTIONAL:

Wheel kit complete
Side wing, left side
Side wing, right side
Hydraulic side wing
Loading tip (picture of
the right)







GSF 245-18 - The All-rounder

V-snow blower GSF 245 is the smallest of our V-models. 245 cm working width and 85 cm impeller provides high capacity and long throwing range. The rear wear skid next to the impeller house: providing excellent float and perfect adaptation to the ground.

GSF 255-18 - For the toughest tasks

V-snow blower GSF 255 is a high capacity, thoroughly tested V-type snow blower for professionals. 255 cm working width and 90 cm impeller provides very good capacity and long throwing range.



adjustable to minimize the clearance between the lades and the V-shaped intake housing.



Chute rotation: New larger 50cc hydraulic motor.



Grease Fittings on all links of the Chute deflector.



Two skid shoes at rear, next to the impeller house: providing excellent float and perfect adaptation to the ground.



GLOBUS V-TYPE SNOW BLOWER	GSF 245-18	GSF 255-18
Working width	245 cm	255 cm
Working width with 1 side wing	265 cm	275 cm
Working width with 2 side wings	285 cm	295 cm
Impeller diameter	85 cm	90 cm
Weight	920 kg	1180 kg
Power requirement, hp	fra 100 hp	fra 130 hp

OPTIONAL: Wheel kit complete Side wing, left side Side wing, right side Tool Box



GTF 255-18 and GTF 275-18

GLOBUS

The number one snow blower for huge amounts of snow!

GT F 255 and GT F 275 is one of the best-in-class 2-stage Can be pulled or pushed as standard. Option: Heavy duty snow blowers. Extended use of high quality Hardox and gearbox for front- and rear mounting,1000 rpm. Optional Strenx steel in the chassis, as well as Hardox 450 in the impeller, impeller housing and intake auger.

Large intake auger and 85 cm impeller- exceptional work output! The snow blower is equipped with a large protection on each side towards the intake augers.

kit for front mounting. Fast and easy changing between rear pull and rear push mode.

Reversible Hardox 500 scraper blade. Parts susceptible The snow chute is designed to give the user full control to wear have a long service life and low operating costs. of the direction of the snow. You can also direct the snow into the space between the tractor and the machine to avoid leaving snow in driveways. The chute can be folded center-mounted gearbox fitted with automatic overload down for easy maintenance and is also fitted with grease nipples for all joints to expand the chute's lifetime.





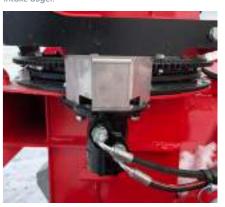




Can be pulled or pushed as standard. By using a gear box- kit it can also be mounted in front of the tractor



Large solid gearbox and automatic overload device on intake auger.



Chute rotation: New larger 50cc hydraulic motor

GLOBUS TWO-STAGE BLOWERS	GTF 255-18	GTF 275-18
Working width	255 cm	275 cm
Working width without side wings	235 cm	255 cm
Working width with 1 side wing	275 cm	295 cm
Working width with 2 side wings	295 cm	315 cm
Impeller diameter	85 cm	85 cm
Intake auger diameter, cm	85 cm	85 cm
Weight	1200 kg	1400 kg
Power requirement, hp	130 hp	130 hp

OPTIONAL: Wheel kit complete

Side wing, left/right Hydraulic side wing Side knife, left/right







Supplied with 3-point linkage or SMS brackets (Trima/Ålø/HMV)

Simple and reliable construction for spreading salt and sand.

delivered in galvanized steel

Supplied with individual blade springs in Hardox which are placed on the back towards the carrying machine and therefore minimize the risk of bent springs when filling. Large stirrer at the bottom of the box minimizes the risk of clumping and packing in the box.

The output roller is equipped with Hardox knobs.

The output quantity is easily adjusted by adjusting the rubber flap towards the outlet with an adjustment spring on the side of the box.
The spreading bucket can also be supplied with hydraulic output regulation (Optional equipment)

Tarpaulin protection kit and support legs can also be supplied as optional extras. Sizes from 900-1600 litres.

GLOBUS SELF-LOADING SPREADING BUCKET

Working width 240 cm 265 cm 600 kg

Order number:

G-GSK1601-23

G-GSK1600-23 Globus 1600L spreading bucket w/3-point linkage Globus 1600L spreading bucket w/SMS brackets

Optional:

G-130163 G-500540

Flow regulation valve Support legs set





Excavator buckets



Produced in sizes from 28 liters to 400 liters. Width from 360 mm to 800 mm. Can be delivered for most types of Quick Couplers or directly attached to the machine. Teeth or blade as desired. All Excavator buckets are made of high-quality steel, designed to last a long time and withstand a tough working environment.

Buckets can be delivered for most types of Quick Couplers or directly attached to the machine. All buckets listed below are equipped with the Kvernex reversible tooth system. If you prefer another system, most models can be delivered with teeth from well-known suppliers such as Cat, Volvo, MTG , Kingmet etc. As an option for buckets with the Kvernex front we also deliver Cutting edge for all models.

Model GVG 28-S30 FF GVG 28-S30 M16 KVX GVG 60-S30 FF GVG 60-S30 M16 KVX GVG 90-S30 FF GVG 90-S30 M16 KVX GVG 120-S40 FF GVG 120-S40 M20 KVX GVG 160-S40 FF GVG 160-S40 M20 KVX GVG 180-S40 FF GVG 180-S40 M20 KVX GVG 250-S40 FF GVG 250-S40 M27 KVX GVG 250-S50 FF GVG 280-S40 FF GVG 280-S40 M27 KVX GVG 400-S50 FF GVG 400-S50 M27 KVX GVG 280-S40 FF GVG 280-S40 M27 KVX GVG 400-S50 FF GVG 400-S50 M27 KVX

Excavator

Narrow Trenching Buckets

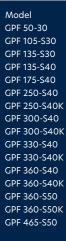
Availability in sizes from 20 liters to 200 liters. Width from 160 mm to 500 mm. Teeth or blade as desired. Our buckets come as standard with S Quick-Coupler.

Model GVS 28-S30 GVS 28-S30 GVS 65-S40 GVS 65-S40 GVS 110-S40 GVS 160-S50 GVS 160-S50 GVS 300-S60 GVS 300-S60



Excavator Clean-Up buckets - fixed

Availability in sizes from 50 liters to 465 liters. Width from 700 mm to 1400 mm. Hydraulically tiltable with fixed coupling for tiltrotator or tilt. Our buckets come as standard with S Quick Coupler.





RIPPER, CUTTING EDGE

CLEAN-UP BUCKETS, - HYDRAULIC TILT, RIDDLE BUCKETS, SORTING BUCKETS, TRAPEZOID BUCKETS



HARDOX®

GPH 50-S30 GPH 105-S30 GPH 135-S30 GPH 105-S40 GPH 135-S40 GPH 175-S40 GPH 250-S40 GPH 300 S40 GPH 330-S40 GPH 360-S40 GPH 360-S50

Clean-Up buckets - hydraulic tilt

Availability in sizes from 50 liters to 360 liters. Width from 700 mm to 1300 mm. Hydraulically tiltable with fixed coupling for tiltrotator or tilt. Comes as standard with S Quick Coupler.





Excavator Riddle Buckets

Availability in sizes from 150 liters to 416 liters. Width from 700 mm to 850 mm. Teeth or blade as desired. Our buckets comes as standard with S Quick Coupler.



GVF 170-S30 GVF 170-S40 GVF 260-S40 GVF 260-S40 GVF 416-S50

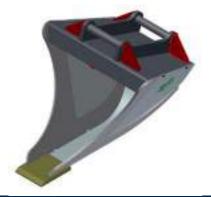


Excavator Sieving Buckets

Volume 220L and 400L. Only fixed front blade with similar shape as a Clean-Up Bucket. Our buckets come as standard with S Quick



GVF 170-S40ST GVF 275-S40 GVF 400-S50



Trench Buckets (V-shape)

Availability in sizes from 28 liters to 300 liters. Teeth or blade as desired. Our buckets come as standard with S Quick Coupler.



Model GVB 28-S30 GVB 45-S30FF GVB 70-S40 GVB 200-S50 GVB 300-S60



HARDOX*

Ripper

For Excavators 2 tons to 24 (35) tons. Replaceable teeth Comes as standard with S quick coupler.

Model

Model GVI 20 M20

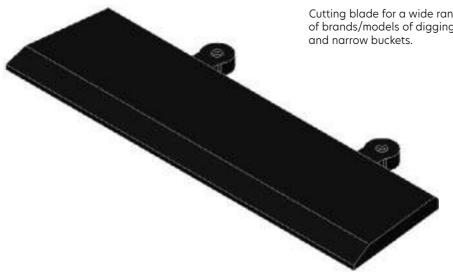
GVT 2 - 4 S30 M20 GVT 2 - 6 S30 M20 GVT 4 - 5 S40 M20 GVT 4 - 6 S40 M20 GVT 4 - 6 S40 M27 GVT 4 - 6 S50 M27 GVT 6 - 10 S50 M27

GVT 9 - 15 S60 M36 GVJG 2 - 6 S30 M20

HARDOX®

Cutting edge system

Cutting blade for a wide range of brands/models of digging buckets and narrow buckets.



GVI 25 M16 GVI 33 M16 GVI 33 M20 GVI 33 M27 GVI 40 M16 GVI 40 M20 GVI 40 M27 GVI 40 M36 GVI 46 M16 GVI 50 M16 GVI 50 M20 GVI 50 M27 GVI 50 M36 GVI 60 M16 GVI 60 M20 GVI 60 M27 GVI 60 M36 GVI 60 M48 GVI 70 M20 GVI 70 M27 GVI 70 J250 GVI 80 M20 GVI 80 M27

GVI 80 M36

GVI 85 M27 GVI 90 M36 GVI 100 M36 GVI 101 M36



UNDERHAUG

With strength and experience from generations

Feed the planet. Thants what agricultur is all about. Underhaug's job is to pprovide farmers all over the world with equipment that helps them do their job on the best possible way. Underhaug produces and exports a wide specter og first class agricultural equipment that has an excellent quality and last for generations. Check out all our products at our website – you will find a lot of good reasons to reach out to us. We look forward to tell you more!

Our location

Torlandsvegen 3, 4365 Nærbø Norway Contact us

Tlf.: 51 43 49 78 post@underhaug.no





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