



## ATTACHMENTS CATALOGUE

# Truck/road grader



# Tools you can trust – all year round, in all weather conditions

For more than 100 years, the name Mählers has been synonymous with quality tools and first choice for snow clearance and road maintenance among professionals in Scandinavia. The reason is that we are never satisfied and never stop. Our constant development efforts lead to ongoing improvement. This year is no exception: look out for the launch of our new upgraded Rossö 2010 plough.



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## Tore clears snow in Östersund

**“A snow loader is the only viable solution”**

The record is 46 seconds, but the average time for filling a truck platform with 25 cubic metres of snow is just under one minute. Tore Åberg, who is operating a Mählers snow loader, sees no other viable solutions for urban snow clearing.

“Östersund Municipality has three snow loaders. This is the only viable option in terms of capacity and safety,” he says.





Every winter in Odenskog, an enormous mountain of ice is built up out of all the snow removed from Östersund.



Even a layman can find mathematics fascinating if the calculation applies to a real-life situation. Tore can attest to this. He is driving a Volvo L60F with a snow loader which is eating its way through icy ridges of ploughed snow in Östersund.

If the snow banks or ploughed ridges are really big, he can fill six trucks a day with up to 25 loads each. Each truck holds about 25 cubic metres – which means 3,750 cubic metres of snow per day!

"It's certainly fast work. I love my job," says Tore, forcing the machine through the rock hard snow banks that have formed in the town centre after recent heavy snowfalls.

The above calculation can be taken a step further. In the Odenskog industrial area on the outskirts of the city, an enormous snow tip has been built up this winter by the three snow loaders and a number of trucks.

At the time of our visit, the mountain of snow was about 40 metres and contained about 285,000 cubic metres of snow.

### A snow mountain

To enable the trucks to get up the steep snow mountain, Björn Johansson drives around the snow tip chiselling it to size with his Scania R420 fitted with an underbite/grader blade. Björn has a water barrel on his truck, and constantly pours water on the tip to strengthen it.

It's easy to see that this type of work is risky and requires experienced staff. If the tip were to crack, it could have dire consequences.

"We're the only ones in Sweden who build ice mountains like this," comments Kenneth Winterqvist, head of road maintenance in Östersund. He tells us that journalists from the whole of Sweden visited the tip a few years ago when it reached a record size of 340,000 cubic metres of snow.

Everyone agrees that it's the snow loaders' capacity that makes them so efficient at clearing snow.

"An ordinary snowblower for a wheel loader can't manage such challenging conditions," says Tore, pointing to the steel cutters mounted around the blower drum and snow blower chassis.

"They thoroughly crush all the ice that is always found in the ridges created by snowploughs," he says before attacking a new icy ridge.

### Efficient and safe

Kenneth agrees with Tore.

"Yes, a snow loader is an incredibly efficient tool for quickly and safely removing snow in the city centre," he says. "In addition to its efficiency rating, another benefit of the snow loader is that it breaks up the snow and packs it in a completely different way to an ordinary bucket loader."

Tore mentions another advantage:

"It's very safe as long as you only need to drive straight ahead. Loading all the snow with a bucket is extremely hard work, and it's also very dangerous, since you have to keep reversing and repeating the operation to chase up the

snow. There's a constant risk of reversing into people or objects if you're working in cities or towns."

So what will happen to the mountain of snow in Odenskog? Will it just be left there to slowly melt in the spring?

"No, that wouldn't work," says Kenneth. "Towards the end of June, contractor Lennart Edlund drives over in his D8 and cuts up all the snow. Otherwise it wouldn't have time to melt before next winter! If the tip were to crack, it could have dire consequences."



"An ordinary snowblower for a wheel loader can't manage such tough conditions," says driver Tore Åberg.

# Make your machine complete with System Mählers

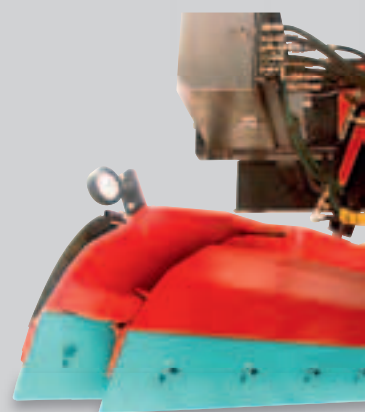
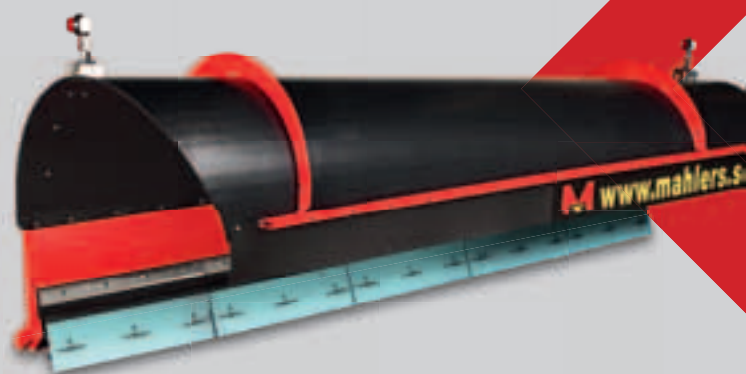
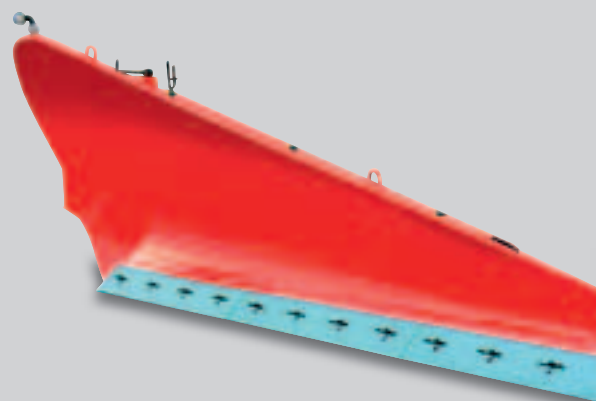
## Tools and equipment for trucks and road graders

System Mählers is a complete range of tools that open up new business opportunities and make your truck or road grader more versatile all year round.

Our tools are built to last for season after season and raise your capacity in summer and winter. Flexible couplings facilitate mounting and plough changes.

The picture shows examples of Mähler's quality tools and accessories.

The parallelogram in System Mählers allows ploughs for wheel loaders to be used with trucks. System Mählers also includes a grader blade for trucks and side ploughs, snow guards, trenching blades and gravel spreaders for road graders.





System Mählers



# Steadier operation, better ploughing results

## **The Rossö 2010 plough sets a new standard**

When Mählers launched the Rossö 2000 at the turn of the millennium, it quickly became a best-seller due to its performance, durability and quiet operation. But good things can always be improved.

The new Rossö 2010 has even steadier operation and better ploughing results, thanks to a reinforced chassis and larger, sturdier wheels with the wheel centres located further away from the plough.





# Diagonal ploughs – Truck

**The Rossö 2010** has been upgraded with several improvements that make work simpler and more efficient. The Rossö 2010 is a diagonal plough with sprung steel cutters with a 15° positive cutting angle. The plough's quiet operation provides a pleasant environment for the operator and others nearby. The plough can be equipped with cassettes for holding rubber cutters. The plough's top section is made of plastic, and can easily be screwed onto or off the ribs for replacement. The plough can be delivered with either wheels or friction plates.

## Standard:

- Parallelogram with coupling for VV-85/95 with a hydraulic lift, and with right and left rotation
- 4 hydraulic hoses/Tema 7511
- Shock valve on slewing cylinders
- Marker light (diode) and 3-pin contact

- Stronger plough chassis
- Stronger cutter holders
- Harder spring elements in cutter holders
- Attachment point for the cutter holders' rubber seals now has replaceable nuts
- New type of plough wheels measuring 18x7-8 for longer lifespan and reduced risk of overheating.
- Increased distance between pivot wheels stops plough wheels from wobbling
- Increased stability makes it possible to plough at higher speeds

## Results and comments from our tests:

- The plough has stable operation
- No risk of plough oscillating or vibrating
- Much more rigid chassis
- No problems with plough wheels

## Accessories:

- Snow guard\*
- Cassettes for holding rubber cutters L=790
- Cassettes for holding rubber cutters L=915
- Adapter for connection of SMS hitch

\* Applies to the three large ploughs DP-37/40/46-KP

DP-32-P | DP-37-KP | DP-40-KP | DP-46-KP



The **Rossö 2010 Combi** is a variant of our standard Rossö ploughs. The top section of the plough is adjusted hydraulically by means of two parallel-coupled cylinders, which allows the plough to clear slow at junctions, turning areas etc. The cutters are individually mounted on four plastic elements (polyurethane) on each cutting section to operate more quietly and follow the contours of the road better. The plough's quiet operation provides a pleasant environment for the operator and others nearby. The plough can be equipped with cassettes for holding rubber cutters. The plough's top section can easily be screwed onto or off the ribs for replacement. The plough can be delivered with either wheels or friction plates.

#### Standard:

- Parallelogram for VV-85/95 with hydraulic lift, and with right and left rotation
- 6 hydraulic hoses/Tema 7511 (alternative hydraulics - see accessories)
- Shock valve on slewing cylinders
- Marker light (diode) and 3-pin contact

#### Accessories:

- Adapter for connection of SMS hitch
- Snow guard
- Cassettes for holding rubber cutters L=790
- Cassettes for holding rubber cutters L=915
- Set of valves 1DF (eliminates need for two outlets on truck)

#### DP-37-CP | DP-40-CP



The **Rossö plough with double cutters** is a diagonal plough with shock-absorbing steel cutters with a 15° positive cutting angle. Double cutters ensure efficient ploughing, especially when working with slushy snow or on wet roads. The cutters are individually mounted on four plastic elements (polyurethane) on each cutting section to operate more quietly and follow the contours of the road better. The plough's quiet operation provides a pleasant environment for the operator and others nearby. The rear slush blade consists of five hydraulic lifting yokes, each with two individually mounted articulated rubber cutters. The Rossö plough with double cutters has a fixed body as standard, but is also available with a hydraulically adjustable ribbed frame.

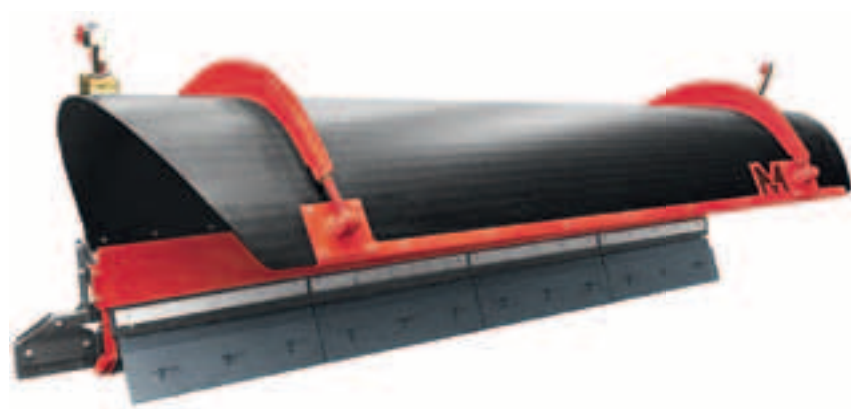
#### Standard:

- Parallelogram for VV-85/95 with hydraulic lift and right and left rotation
- 6 hydraulic hoses/Tema 7511 (alternative hydraulics - see accessories)
- Shock valve on slewing cylinders
- Marker light (diode) and 3-pin contact
- Wheels

#### Accessories:

- Hydraulically adjustable ribbed frame
- Set of valves 1DF (eliminates need for two outlets on truck)
- Set of valves 2DF (eliminates need for four outlets on truck)

#### DP-37-P







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## Reliable, flexible hitches

### **Diagonal and side plough hitches for trucks**

Mähler's intelligent modular implement hitches provide countless coupling options for most truck and tool combinations. Flexible design makes assembly fast. The parallelogram allows ploughs for wheel loaders to be used with your truck.

## Side ploughs – Truck

**S3-HDU** is a side plough that rests on a height-adjustable supporting plate or stabiliser wheel while in operation. The front of the plough is fitted with a moveable mounting bracket for attachment to a front support hinge on the truck. A steel cable serves as an extra security device.

### Standard:

- Marker light/3-pin contact
- Hydraulic line

### Accessories:

- Rubber cutter cassette: For use as a slush side plough
- Wheels: Less noise and reduced wear on steel cutters
- Mounting bracket
- Extra extension: Increases plough width

### NB:

The base truck must be equipped with a front side plough hitch and a hydraulic extension (model US-84) and a parallelogram.

10 foot | 12 foot | 14 foot | 16 foot



**The 45 side plough** is a new plough that offers many economic and environmental benefits:

- Compact transport width and large working/ploughing width
- The straight rear section facilitates ploughing beside fences and poles
- Short throwing distance – prevents snow landing on road signs, thereby reducing sign damage
- Hydraulic sequence valve: automatically controls extension of the push beam and blade (in that order)
- Standard base section. With a replaceable front section, the plough can easily be adapted to a 10-, 12- or 14-foot cutter length
- Low cutter wear

The 45 side plough rests on a height-adjustable supporting plate while in operation. A wheel assembly on the plough frame ensures optimal contact with the contours of the road. Delivered with a moveable mounting bracket for attachment to a front support hinge on the truck. A steel cable serves as an extra security device.

#### **Standard:**

- Hydraulically mounted extension cylinder with sequence valve Tema 7511/7521
- Friction plate and wheels on blade and plough frame
- Marker light (diode) and flashing light/3-pin contact
- Hydraulic line and hydraulic coupling Tema 5011/5021
- Mounting bracket, standard, thumb type
- Rear coupling bolt and screw coupling
- Plough blade

#### **Accessories:**

- Rubber cutter cassette: For use as slush side plough (L=3 foot / L=4 foot)

**NB:** The base truck must be mounted with a front side plough hitch, a hydraulic extension (model US-84) and a parallelogram. Side plough 45 designed for normal side ploughing. For snow trenching, we recommend a road grader and SVH plough.

**10 foot | 12 foot | 14 foot**



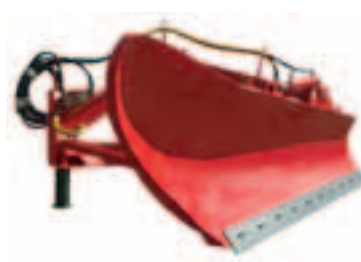


## Side plough – Road grader

The **SVH-4** side plough for road graders is the most versatile combined snow clearer you will find. A road grader with a hydraulic side plough is a flexible and efficient solution, especially in urban areas.

- Snow ploughing
- Bank grading
- Snow trenching
- Ploughing and grading can be performed simultaneously

Parked cars and other obstacles pose no major problems, since the plough can quickly and easily be retracted to avoid collision. The side plough can be raised, lowered, retracted, extended and inclined upwards or downwards. The SVH-4 side plough consists of a plough blade, a frame with a parallelogram and hydraulic cylinders with connection hoses. A safety valve protects against collision. The plough has support legs to facilitate coupling and decoupling.



# A grader blade for all seasons

## **Rotatable blade, trenching blade and gravel spreader**

With a Mähler grader blade for trucks, you can optimise your capacity for breaking and moving ground material by adjusting the blade angle, ploughing angle and pressure. The blades are very useful in all seasons. Mähler's trenching blade and gravel spreader are favourite accessories for every well-equipped road grader, and are essential for effective road maintenance.



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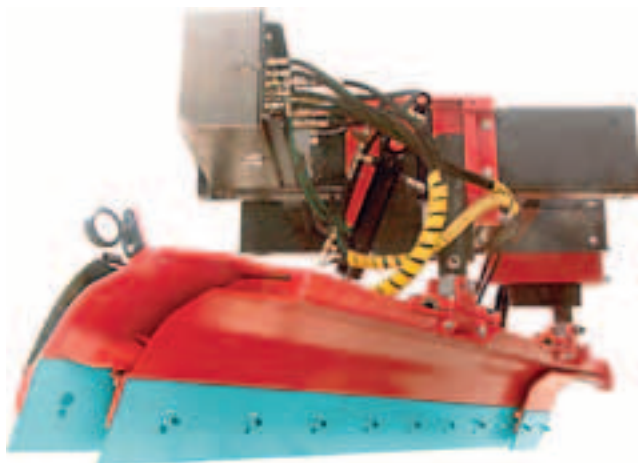
# Grader blade – Truck

The greatest advantage of our new upgraded grader blade is that it is easier and quicker to mount on the machine. It can also be mounted on trucks with a short wheelbase and, for example, a retarder.

## Improvements made to the grader blade:

- Grader blade has lower build-in height
- Higher ground clearance in folded position
- Blade made of stronger material
- New type of mounting on the truck frame with shafts as guide rails, eliminating the need for welding
- Mounting is compatible with all frame heights

## MS-3 | MS-5





# Trenching blade – Road grader

The **Norsjö 1500** trenching blade can be used for the following applications:

- Sloping
- Trenching

The angle between the trenching blade and the grader blade is adjusted hydraulically from the operator seat. The trenching blade is articulated with a sturdy joint. Mounting and demounting are done with a quick hitch. This makes it quick and easy to assemble in just a few minutes, using the existing hydraulic couplings on the grader.

The trenching blade has two wear-resistant steel blades, one of standard length and one made of special-purpose steel.

## NB:

When placing your order, specify your grader's make and type. Please note that we may not have a hitch for all road grader types.

## Hydraulic lines and couplings:

- Provided by customer, since they must be adapted to the base machine

## Norsjö 1500

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# Gravel spreader – Road grader

The **gravel spreader** is a well-proven product that is usually regarded as standard equipment for road graders. The gravel spreader has a hydraulic lift with a shock-absorbing operating mechanism, and the blade position can be adjusted sideways. The draw beam has extra reinforced couplings and bushed joints to minimise maintenance.

## Standard:

- As standard, the gravel spreader is delivered with flat, reversible cutters without teeth and a hitch that fits VV's coupling plate
- 4 hydraulic hoses + Tema 5011 with guard

## Accessories:

- Pivot wheel assembly (solid rubber wheels)
- Hitch with hooks for Stora BM
- Hydraulic operation of flexible wing
- Hydraulic control of angle adjustment
- Quick hitch for road grader

## Gravel spreader



The **gravel spreader** for creating cambered surfaces is a well-proven product that is usually part of the standard equipment for road graders. The spreader has a hydraulically adjustable section for adjusting the angle, which can be controlled mechanically in steps 2–6 ° when creating cambered road surfaces. The gravel spreader has a hydraulic lift with a shock-absorbing operating mechanism, and the blade position can be adjusted sideways. The draw beam has extra reinforced couplings and bushed joints to minimise maintenance.

#### Standard:

- As standard, the gravel spreader is delivered with flat, reversible cutters without teeth and a hitch that fits VV's coupling plate
- 5 hydraulic hoses + Tema 5011 with guard

#### Accessories:

- Pivot wheel assembly (solid rubber wheels)
- Hitch with hooks for Stora BM
- Hydraulic operation of flexible wing
- Hydraulic control of angle adjustment
- Quick hitch for road grader

#### Gravel spreader







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# Snow loader

**When you need to clear large amounts of snow fast,** our snow loader is unrivalled. It fills a truck platform of 25 cubic metres in less than a minute. With 25 loads a day, each truck can remove more than 600 cubic metres of snow from roads and squares.

# Snow loader – Wheel loader

The **LSV 275** has a rugged design based on the popular, reliable Arbrå/Mählers snowblower. It has a built-in drive motor and transmission with a centrifugal clutch. Individual shear bolts on the angled wings ensure high safety. The load arm is hydraulically foldable to make driving between locations easy, and is equipped with floodlights. The engine meets the latest environmental requirements in EU Stage 3B and is approved for use after 2012.

## Coupling:

- New type of coupling from Transfluid
- Hydraulically controlled
- Full power at low engine speed
- Offers higher safety during engine maintenance

## Benefits, snow loader:

- **Safety:** The driver can direct all his/her attention ahead. There's no need to reverse, a manoeuvre that can be dangerous, particularly in urban areas.
- **Capacity:** Fills a truck platform measuring 25 m<sup>3</sup> in less than a minute.
- **Efficiency:** In addition to its efficiency rating, another benefit of the snow loader is that it breaks up the snow and packs it in a completely different way to an ordinary bucket loader, resulting in higher compaction and fewer loads.
- **Power:** Handles hard-packed snow and ice without problems.
- **Design:** Based on the rugged design of the famous Arbrå/Mählers snowblower.

## Snow loader





# Smart implement hitches you can trust

## Diagonal and side plough hitches for trucks

Mähler's intelligent modular implement hitches provide countless coupling options for most truck and tool combinations. Flexible design makes assembly fast. The parallelogram allows ploughs for wheel loaders to be used with your truck.



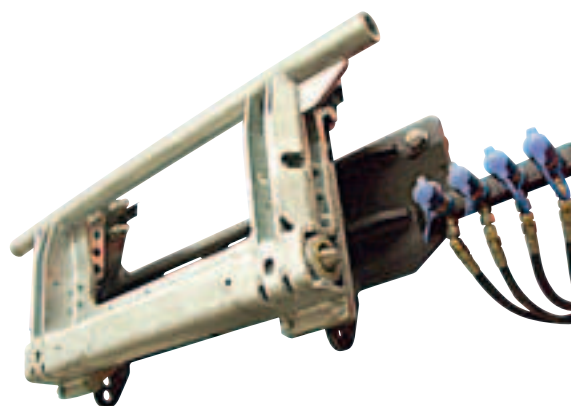
## Quick hitches – Truck

The **VV-95 plough bracket** is the standard coupling for connecting a plough to a truck. The coupling is attached to the truck by means of a frame mounting specific to each truck type. The frame mounting is screwed to the frame of the truck. The VV-95 is modular, allowing many combinations to be created for different couplings and needs, now and in the future. The VV-95 and plough are locked together with a hydraulic locking mechanism, which is controlled with a hand pump, or with hydraulics from the truck by means of a selector valve.

### Accessories:

- 4-way external control device, 6 m or 9 m
- Control panel (universal)
- Valve package 3DF+1EF
- Mechanical selector valve
- Hand pump
- Tubes/hitch
- Fastening console Tema FH/FM series 2
- Protective cover (legal requirement since 2005)

### Plough bracket VV-95



The **Flex side plough bracket** is part of our new plough system based on flexibility and standardisation. Its practical design makes assembly much faster and easier. In particular, far more space is available when a grader blade is attached. The plough is connected by means of a ball socket or a ball with a quick-lock mechanism. The lifting cylinder operates with a combination of hydraulics and pneumatics. The hydraulic coupling must have a float position. The air is connected from the truck's ordinary air system via a check valve and safety valve, to ensure that the side plough applies constant pressure to the road surface. The hot galvanised hitch has a hydraulic coupling connected to the cylinder for the rear lifting parallelogram/Tema 5021. The hydraulics have adjustable throttle check valves to ensure accurate adjustment of the side plough's lifting and lowering speed. Hydraulic line/Tema 7511. The coupling is delivered complete with a coupling kit.

### Flex



### Accessories:

- Mounting bracket for plough, ball socket
- Mounting bracket for plough, ball
- 4-way external control device, 6 m or 9 m
- Reduction valve for air supply

**NB:** When placing your order, specify your truck model and whether you are using a ball socket (standard) or a ball.



**US-84** is a combined push beam and underrun protection beam. A push beam combined with a parallelogram and side plough provide a flexible working width, thereby rationalising your slow ploughing. Because the push beam is located in an exposed position on the vehicle, it is hot galvanised. The mounting shafts for the cylinders are made of stainless steel. Replaceable plastic friction plates are installed between the inner and outer tubes. Together, these features ensure high durability and easy maintenance. The extension is delivered without a coupling for connection to the truck. The push beam is also available in another design.

#### US-84 | XF-push beam 06



#### Standard:

- Two hydraulic hoses/Tema 7511 with guard

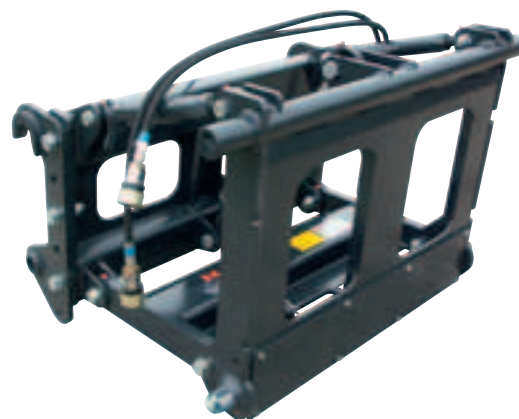
#### Accessories:

- Quick hitch (for connection to truck)
- Parallelogram\* with hydraulic lift
- 4-way external control device, 6 m or 9 m

\* Required for coupling of side plough.

The **PLG 3-05 parallelogram** allows ploughs for wheel loaders to be used with trucks. The PLG 3-05 has a coupling that attaches to the VV-95 for trucks, and is an adapter for large BM hitches. The PLG 3-05 tilts the plough during lifting, resulting in a higher lift and bringing the centre of gravity closer to the truck. The upper bars can be adjusted to fit the plough exactly. All moving parts have lubrication points. Mechanical/manual locking between plough and PLG 3-05.

#### Parallelogram PLG 3-05



#### Accessories:

- Two hydraulic hoses/Tema 7511 with guard

# Articulated snow guard makes work smoother and more efficient

## **Snow guard for trucks and road graders**

The Mählers Rossö plough equipped with the right snow guard is an unbeatable combination. This solution makes snow clearance easier and significantly more efficient. The snow guard is articulated and follows the contours of the road. When folded up, it does not obstruct the ploughing. Snow guards are also available for road graders.



# Accessories

## Snow guard – Truck

A snow guard (grouper) specially designed for one of our best selling products, the Rossö plough. The Rossö plough equipped with a snow guard is a simple, practical and economic solution that significantly rationalises and simplifies snow ploughing operations. The snow guard is articulated and follows the contours of the road surface. In its closed position, the snow guard sits behind the plough and does not obstruct ploughing next to walls or other objects. When passing road junctions etc., the guard extends down towards the road surface and prevents snow deposits from forming on the road. After passing the junction, the snow guard returns to its closed position and throws the snow away from the vehicle. In this way, snow can be transported past various obstacles. The snow guards for the Rossö plough are made of high-tensile steel, and the snow shield is made of Robalon.

**NB:** Double-acting hydraulic function is required.

Snow guard



## Snow guard – Road grader

Benefits of the Mählers snow guard:

- No need to work the same area twice
- You transport the snow past junctions, cross-roads and/or bus stops.

The snow guard is articulated and follows the contours of the road surface, making it a simple, practical and economic solution. The snow guard for road graders is made of high-tensile steel. It is hydraulically operated. A mechanical shock-absorbing action raises the guard up if it encounters obstacles.

**NB:** A double-acting hydraulic function is required.

Snow guard



# Specifications

## Diagonal ploughs – Truck

Rossö 2010		DP-32-P	DP-37-KP	DP-40-KP	DP-46-KP
Cutting width	mm	3 200	3 700	4 000	4 600
Minimum working width	mm	2 580	2 950	3 150	3 880
Height, right	mm	950	1 200	1 360	1 410
Height, left	mm	950	950	970	970
Rotation	°	± 37	± 37	± 37	± 37
Alt. Steel cutting blade	no.	4	4	5	5
Total weight	kg	900	950	1 000	1 100

Rossö 2010 Combi		DP-37-CP	DP-40-CP
Cutting width	mm	3 700	4 000
Minimum working width	mm	2 950	3 150
Height, right	mm	1 200–1 600	1 230–1 630
Height, left	mm	995–1 395	970–1 370
Rotation	°	± 37	± 37
Alt. Steel cutting blade	no.	4	5
Total weight	kg	1 000	1 100

Rossö plough with double cutters		DP-37-P
Cutting width	mm	3 700
Minimum working width	mm	2 950
Height, right	mm	1 200–1 600
Height, left	mm	995–1395
Rotation	°	± 37
Steel cutting blade	no.	4
Slush blade	no.	10
Total weight	kg	1 320

## Side ploughs – Truck

Side plough S3-HDU		10 foot	12 foot	14 foot	16 foot
Cutting length	mm	3 060	3 660	4 270	4 880
Total height	mm	1 450	1 450	1 450	1 450
Steel cutting blade	mm/blade	1 525/2	1 220/3	1 525/2	–
Steel cutting blade	mm/blade	–	–	1 220/1	1 220/4
Total weight*	kg	500	550	600	650

\*without accessory

Side plough 45		10 foot	12 foot	14 foot
Operating width, step 1*	mm	1 600	1 700	1 650
Operating width, step 2*	mm	2 700	2 850	3 050
Cutting length	mm	3 060	3 660	4 270
Total height	mm	1 200	1 200	1 200
Transport width	mm	650	650	650
Total weight	kg	650	650	750
Steel cutting blade L=1220	mm	–	3	1
Steel cutting blade L=1525	mm	2	–	2

\*Step 1 = push beam max. extension.

\*Step 2 = push beam and extension of plough frame at max. extension. The dimensions are approximate and vary according to the truck's hitch.



## Side plough – Road grader

Side plough		SVH-4
Max. operating width	mm	3 050
Max. lift height from ground	mm	1 020
Max. ploughing width from outer edge of wheel	mm	2 650
Min. width in folded position from outer edge of wheel	mm	800
Total weight (depending on grader type)	kg	1 600–2 200

## Grader blade – Truck

Grader blade		MS-3
Max. operating width, 30°	mm	3 050
Min. operating width, right	mm	2 320
Cutter extension	mm	400
Cutter extension, left	mm	330
Fixed	°	25–30
Rotation, left/right	°	–
Inclination adjustment	°	± 5
Cutting angle adjustment	°	85–150
Total weight incl. hydraulic control	kg	700

Grader blade		MS-5
Max. operating width	mm	3 500
Min. operating width	mm	2 550
Cutter extension,	mm	400
Cutter extension, left	mm	330
Rotation, right	°	25
Rotation, left	°	20
Inclination adjustment	°	± 13
Cutting angle adjustment	°	85–150
Total weight incl. hydraulic control	kg	960

## Trenching blade – Road grader

Trenching blade		Norsjö 1500
Fulcrum pin diameter	mm	140
Length	mm	1 500
Max. operating angle	°	+ 45
Min. operating angle	°	– 33
Steel cutting blade	no.	2
Total weight	kg	420–490

# Gravel spreader – Road grader

Gravel spreader		08-1000	08-1000-1
Camber	°	–	0–6
Operating width, min.-max.	mm	3 200–3 800	3 200–3 800
Cutter (mobile blade)	cutter/mm	2/610	2/610
Cutter	cutter/mm	1/1525+1/1220	3/915
Weight	kg	600	600

# Snow loader

Snow loader		LSV 275
Working width	mm	2 750
Vertical clearance under load arm	mm	3 850
Rotor diameter	mm	800
Capacity (depending on snow)	m³/min	25–45
Electrical system	V	24
Total weight	kg	3 100
Engine*	Mercedes OM 924 LA	
Power output at 2,200 rpm	kW	11

\* Meets latest environmental requirements in EU Stage 3B, so it's approved for use after 2012.

# Quick hitch – Truck

Plough hitch		VV-95
Weight	kg	95
Extra accessories	Hand pump for control of lock latches	

Side plough hitch		Flex
Lift height/ (depending on installation height)	approx./mm	500
Pressure on road surface (at 8 bar/air pressure)	approx./kg	125
Weight	kg	150
Patented		

Push beam		US-84	XF-push beam 06
Push beam	kg	250	350
Length	mm	2 000	2 000
Max. extension, push beam	mm	970	1440
Quick hitches	kg	40–60	40–60
Parallelogram with hydraulics	kg	90	90
Required hydraulic coupling (double-acting)		1DF	1DF + 1 tank hose

Parallelogram		PLG 3-05
Mounting dimensions	mm	705
Total weight	kg	245

# Accessories

## Snow guard – Truck

Accessories – Rossö 2010/2000/Combi		Snow guard
Arm length (extension from plough box)	mm	700
Height	mm	470
Total weight	kg	90

Requires double-acting hydraulic function.

## Snow guard – Road grader

Accessory – Road grader		Snow and gravel stop
Length excl. shield	mm	1 750
Height med cutter	mm	910
Steel cutting blade	no.	2
Total weight/excl. hitch	kg	267



## Increase your capacity 365 days a year

Get more use out of your truck. Clear snow and maintain gravel roads with Mählers equipment. Our tools and accessories are built to last season after season, and raise your capacity in summer and winter. Flexible mountings facilitate tool attachment and plough changes, and the parallelogram in System Mählers makes it possible to use ploughs for wheel loaders with your truck. System Mählers also includes grader blades for trucks and side blades, snow guards, trenching blades and gravel spreaders for road graders.



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### TOOL SYSTEM FOR INCREASED PROFITABILITY

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