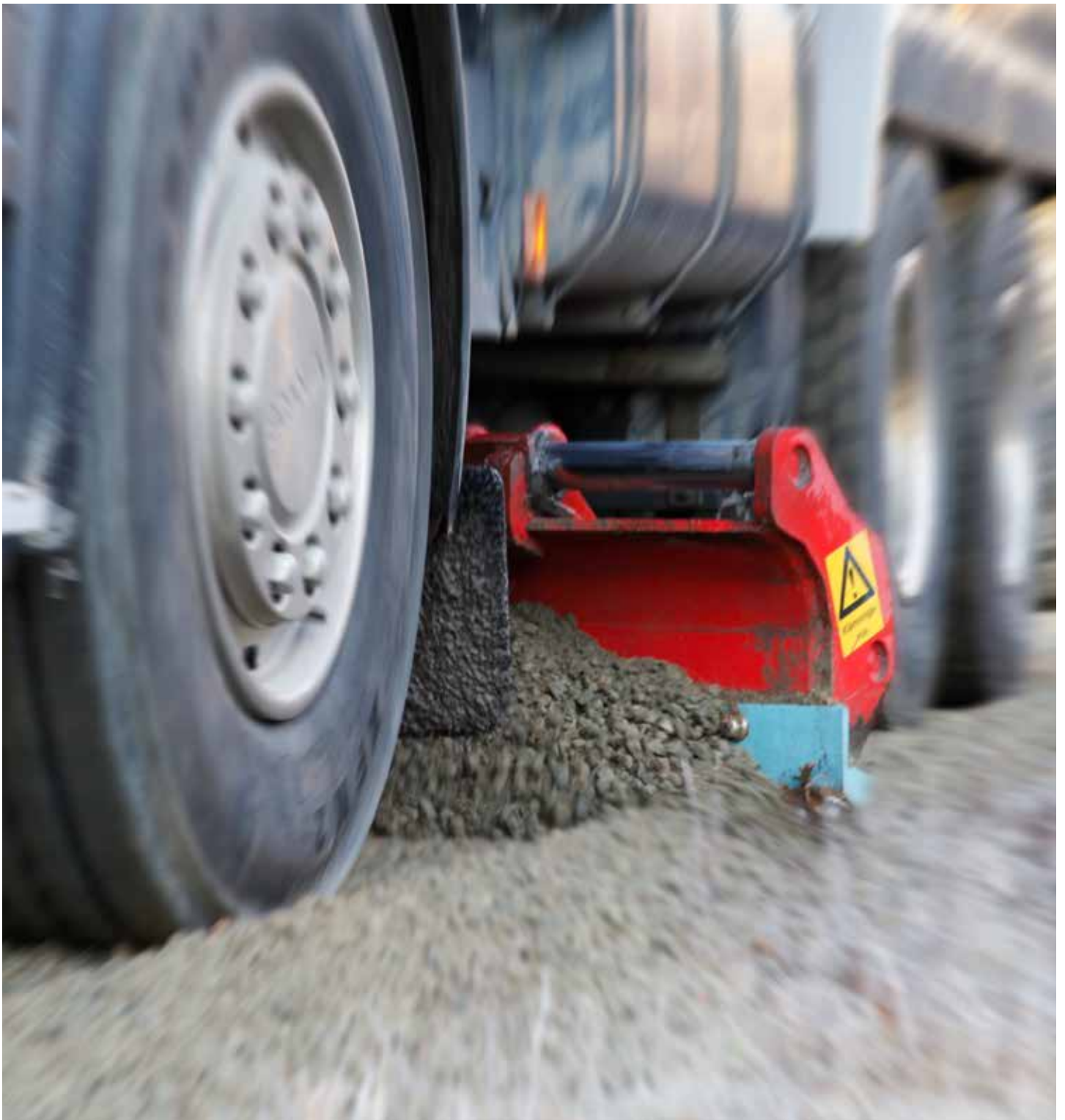




Grader blades - Truck

**HB3N | HB5N**



# GRADER BLADES

## HB3N | HB5N

Mählers' grader blades have shallow installation dimensions and high ground clearance in transport mode. They are not only easy to attach, but can also be installed on short-wheelbase vehicles fitted with retarders. The HB3N is fixed and the HB5N is rotatable.

### Advantages of Mählers grader blades:

- The HB5N has double rotation cylinders for even/constant force distribution during rotation to right or left.
- Tilt function with adjustable contact pressure as standard.
- Can be installed on short-wheelbase vehicles fitted with retarders.
- Hydraulics have pilot-controlled check valves on grader blade extension function.
- Shock valves protect the grader blade from overload.
- HB5N has a reinforced turntable and modified design for mounting on trucks with a short wheelbase.
- Shallow installation dimensions mean good ground clearance in transport mode.
- Blade made from strong material.
- New type of mounting on the truck frame with shafts as guides eliminates the need for welding during assembly. Welding is now only necessary on the HB5N when adjusting the turntable angle on the truck concerned.
- Mounting compatible with most chassis heights.
- Easy installation means short installation time.

Top quality valves protected by a weather-sealed aluminium box.



Made from strong materials to handle high stress.



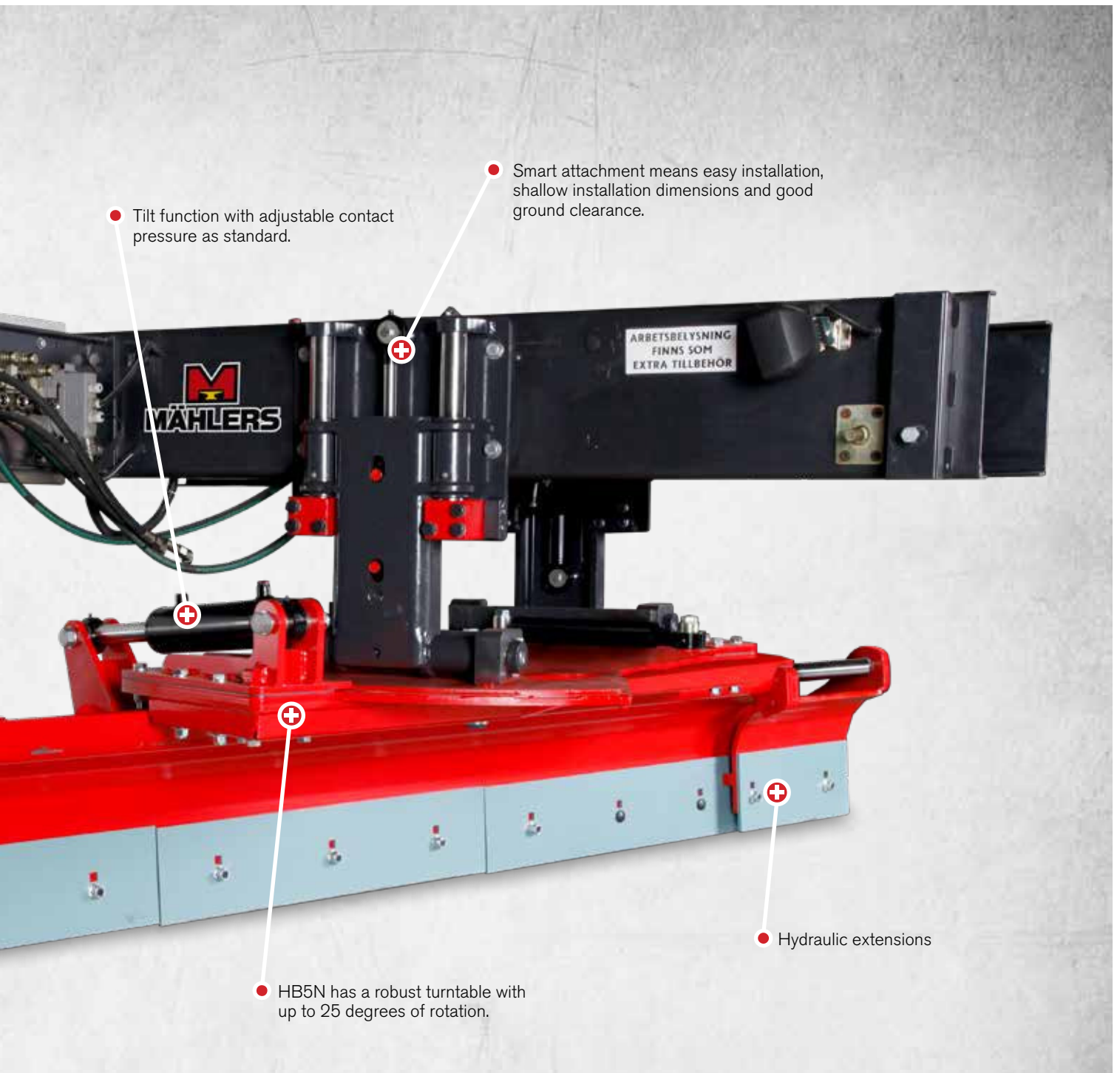
Blade holder with standard hole pattern designed for many different blade types.

Grader blades		HB3N	HB5N
Rotation, right	°	-	25.
Rotation, left	°	-	20.
Max operating width, at 25°	mm	3,030.	3,180.
Min. operating width, at 25°	mm	2,450.	2,500.
Cutter extension, right	mm	380.	380.
Cutter extension, left	mm	380.	380.
Blade angle relative to frame	°	25-30	-20-+25
Rotatable, left/right	°	-	20.
Inclination adjustment/banking	°	± 9	± 9
Cutting angle	°	90.	90.
Blade weight incl. frame mounting excl. hydraulics	kg	570.	880.

## Mählers MC2

Mählers' control system can be combined for both grader blade and snowplough use. Most of its functions are controlled using a joystick. The system is expandable and can control existing equipment. All equipment is now operated from the new control unit.

- CAN bus-type control system.
- Buttons on the control unit are used to select



● Tilt function with adjustable contact pressure as standard.

● Smart attachment means easy installation, shallow installation dimensions and good ground clearance.

● HB5N has a robust turntable with up to 25 degrees of rotation.

● Hydraulic extensions

plough control or grader blade control.

- The control system meets EN 13849-1 safety standards.
- For safety reasons, a PVG valve or an ON/OFF valve must be installed on the system downstream of the hydraulic package so that the system is depressurised when no function is being used.



Accessory: display



## Well equipped for any weather with System Mählers

Enjoy new business opportunities and increased utilisation of your truck or grader all year round thanks to the full System Mählers product range. Our tools are built to last season after season and raise your capacity summer and winter alike. Flexible couplers make mounting and plough changes easier.

The system diagram shows typical examples of quality tools and hitches from Mählers. System Mählers' parallelogram also enables ploughs for wheel loaders to be used on trucks. The product range includes grader blades for trucks and side ploughs, snow guards, trenching blades and gravel spreaders for road graders.

### TOOL SYSTEMS FOR INCREASED PROFITABILITY

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**MÄHLERS**