WURST METALLTECHNIK
COIL-LAGERTECHNIK

Technical Data

Compact Storage System for Sheet Metal Coils

COILAMAT

Large storage capacity in an extremely small space

TYP	7.50.1100	7.50.1300	9.50.1100	9.50.1300	10.50.1100	10.50.1300	11.50.1100	11.50.1300
No. of gondolas	7	7	9	9	10	10	11	11
Max. coil width (mm)	1000	1250	1000	1250	1000	1250	1000	1250
Max. coil dia. (mm)	500	500	500	500	500	500	500	500
Max. load-bearing capac./gondola (kg)	250	250	250	250	250	250	250	250
Motor output (kWh)	1,8	1,8	1,8	1,8	4,0	4,0	4,0	4,0
Operating voltage/ amperage (V/A)	400 / 16	400 / 16	400 / 16	400 / 16	400 / 16	400 / 16	400 / 16	400 / 16
Approx. length (mm)	1620	1760	1620	1760	1620	1760	1620	1760
Approx. width (mm)	1700	1700	1700	1700	1700	1700	1700	1700
Approx. height (mm)	2335	2335	3100	3100	3465	3465	3842	3842
Approx. weight (kg)*	900	950	1000	1080	1150	1230	1300	1440

* Standard model

Standard Basic Equipment
Fully functioning device as shown without roller shears | 8 plastic castors with ball bearings per gondola | Loading aid (2 wooden wedges) | Colours: Blue RAL 5010, Yellow RAL1021 | Prepared for rear filling | Prepared for roller shears |

Optional Extras/Accessories
Gondola loading to 400 kg | Roller shears with hold-down unit | Separating plates for gondolas | Plastic castors with ball bearings | Special colors.

Subject to technical changes.
Illustrations may differ from standard model.

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Compact Storage System for Sheet Metal Coils

The Concept

Large storage capacity in an extremely small space

The compact storage system is ideal for storing sheet metal coils with a maximum width of 1,250 mm and a maximum diameter of 500 mm. The COILAMAT can hold sheet metal coils weighing up to 2.8 tonnes, yet requires a floor area of **just 3m2**.

Time-saving

There is no repositioning, no transporting and no re-layering of the coils with a high risk of injury. Instead, the system offers immediate, convenient access to the desired material at the press of a button with maximum material protection.

Tidy and safe

The COILAMAT manages your sheet metal stock with a clear layout. The material is safely stored with maximum protection against scratching and damage.

Efficient procedure

The desired gondola with the coil is moved into the removal position and the sheet metal can be cut to length immediately..

Simple stock management

The dimensions and quantity of the stored material is always clearly visible in the field of view. Text tabs provide support here.

Convenient operation

Each gondola can be moved forward or back over the shortest possible distance into the removal position with just two operating buttons with a dead man's circuit

Flexible location (Model 7.50)

The compact storage system is equipped with heavy-duty castors, enabling it to be moved easily to any location. The power supply is connected with a flexible power cable.

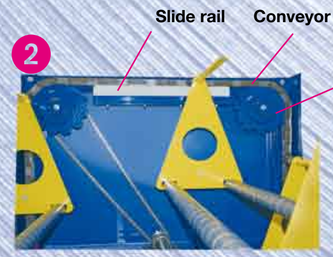
Material gondola

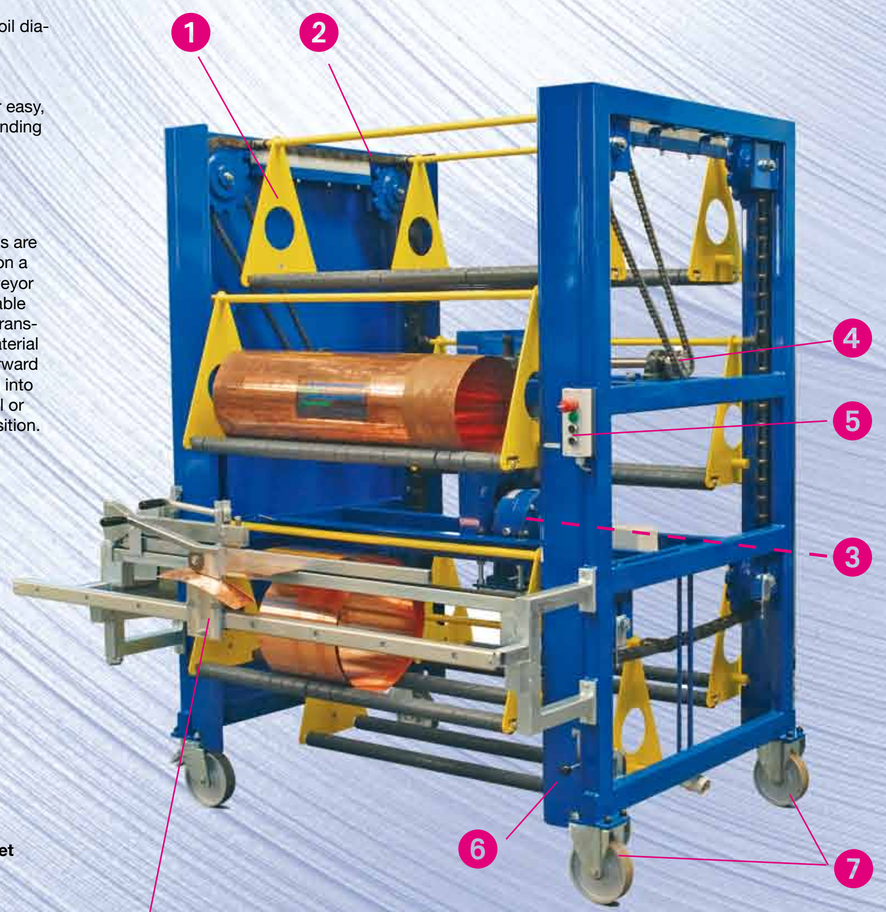
Adjustable to coil diameter

Roll support for easy, controlled unwinding of the coil

Function

The gondolas are suspended on a special conveyor chain. A reliable chain drive transports the material gondolas forward or backward into the removal or loading position.





Roller shears with hold-down unit (option)

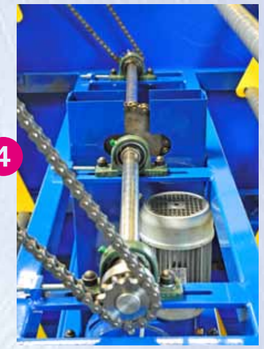
With this practical device, the material is fixed in place and cleanly cut off with the roller shears during sheet metal removal.

Drive

The conveyor system is driven by a 3-phase AC motor with an output of 1.8 to 4.0 kWh. The electric motor is flanged directly onto a worm gear. The force is then transmitted to the chain drive with a high torque. A mechanical friction clutch protects against overloading.

Chain drive

Two synchronized drive chains drive the left and right conveyor chain. The drive shaft is mounted on large-dimension pillow blocks at several points. These can be adjusted to tension the chain.



Operating technology

Simple, reliable operation with a dead man's circuit. The conveyor system is moved forward or backward with just two operating buttons. The conveyor system only runs while the buttons are pressed.

Locking lever (6)

Locks the gondola and switches off the drive automatically

Castors (Model 7.50)

The COILAMAT can be moved to any location with two fixed and two heavy-duty steering castors. A sure stance is ensured by the locking brakes.

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Storage - Removal

During **filling**, the coils are conveniently rolled into the gondolas using 2 wooden wedges. Transport trolleys with castors are also used in place of the wedges.
Depending on the space available, loading can be carried out from the front or rear. The roller shears with the hold-down unit (if installed) can easily be removed for front loading.
For narrow coils, **separating plates** can be mounted which prevent the coils from running over each other during unwinding and winding and at the same time strengthen the gondola.

During the **material removal** the desired gondola is moved into the removal position, the desired length of sheet metal is pulled out, fixed in place with the hold-down unit and cut off exactly with the roller shears.
If no cutting device is installed, the sheet metal can, for example, be pulled onto a work table and cut to length accordingly.