

MATBOI

Storage and unwinding system for coils, tubes and plastic pipes

Time-saving storage and unwinding of coils, tubes and plastic pipes

**Do you want to store coils and spools?
No problem - A combination is possible.**

» Find more information at SPULBOI storage system



Fig. 1: MATBOI / SPULBOI Combination

MATBOI

- **Storage and unwinding system for coils, tubes and plastic pipes**

Functionality:

This storing system is mainly used in workshop or production areas. It allows clearly ordered storing and entangling-free pulling-off according to demand. The mobile version or stationary version as wall rack offers a large variety of applications. Twisting-free material unwinding, simultaneous measuring and cutting-to-length of winding material such as cables, tubes or profiles wound on commercial coils are possible. The coils are stored clearly and are ready for unwinding.

Our unwinding and storage plates for larger coils can be slid sideways via swivel arms. This ensures easy storage and removal of the coils. A central adjustment of the clamping bolts assured a simple and continuous tension of the coils.

An additional bouncing protection consisting of border bolts and cover plate avoids against bouncing of single winding layers.

The unwinding plates are made of winding-friendly surfaces and are equipped with a brake to prevent the material for avoiding an unconditional material flow during unwinding process.

- Mobile storage device
- Length measurement possible
- Easy assembly and removal of the coils (coils are stored separately)

Complete device



Fig. 2: MATBOI complete device

Complete device	MATBOI
Part No.	85100670
Components	consisting of:
1 pcs. storage rack	85101500
2 pcs. MATBOI 450 T	85100159
3 pcs. MATBOI 300 T	85100157
1 pcs. MATBOI 200 T	85100155
Technical data	
H x W x D	approx. 1780 x 1040 x 700 mm
Colour	RAL 7005 mouse grey
Weight	approx. 100 kg

Storage rack / Wall profile rail



Fig. 3: Storage rack 650

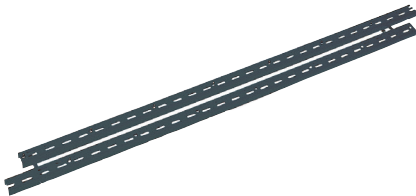


Fig. 4: Wall profile rail

Technical data	Storage rack 650 mobile
Part No.	85101500
H x W x D	approx. 1780 x 1040 x 700 mm
Loading capacity	max. 200 kg
Weight	approx. 42 kg
Colour	RAL 7005 mouse grey
Incl. 4 brakeable rollers.	

Technical data	Attachment piece for storage rack
Part No.	86181001
H x W x D	approx. 60 x 30 x 315 mm

Complete unit incl. clamping rail and screws to extend storage rack about 300 mm.
Note: Not suitable for MATBOI 480 T and MATBOI 650 T unit!

Technical data	Wall profile rail (pair)
Part No.	85100201
H x W x D	approx. 980 x 30 x 13 mm
Weight	approx. 1 kg
Colour	RAL 7005 mouse grey

For mounting SPULBOI and MATBOI units.
Note: Not suitable for MATBOI 480 T and MATBOI 650 T unit!

Coil storing units - horizontal



Fig. 5: MATBOI 200 T



Fig. 6: MATBOI 300 T

Technical data	MATBOI 200 T
Part No.	85100155
Plate Ø	200 mm
Coil Ø	max. 190 mm
Height centering pins	110 mm
Core adjusting range	80 - 150 mm
Coil weight	max. 8 kg
Weight	approx. 8,6 kg
Colour plate / base	RAL 7035 light grey, RAL 7005 mouse grey

With a brake fitted on the shelf, allowing the mounting of MESSBOI 10 H

Technical data	MATBOI 300 T
Part No.	85100157
Plate Ø	300 mm
Coil Ø	max. 290 mm
Height centering pins	110 mm
Core adjusting range	90 - 180 mm
Coil weight	max. 10 kg
Weight	approx. 9,2 kg
Colour plate / base	RAL 7035 light grey, RAL 7005 mouse grey

With a brake fitted on the shelf, allowing the mounting of MESSBOI 10 H

Coil storing units - horizontal



Fig. 7: MATBOI 450 T

Technical data	MATBOI 450 T
Part No.	85100159
Plate Ø	450 mm
Coil Ø	max. 440 mm
Height centering pins	110 mm
Core adjusting range	150 - 250 mm
Coil weight	max. 12 kg
Weight	approx. 10,2 Kg
Colour plate / base	RAL 7035 light grey, RAL 7005 mouse grey

With a brake fitted on the shelf, allowing the mounting of MESSBOI 10 H.

Length measuring devices



Fig. 8: MESSBOI 10 H

Technical data	MESSBOI 10 H
Part No.	85100203
Measuring range	1 - 15 mm
Measuring force	spring pressure
L x W x H	approx. 260 x 110 x 140 mm
Display of counter	9999,99 m
Error limit	+ / - 2 %
Colour	black / white

With holder to attach to the unwind unit.



Abb. 9: MESSBOI 25

Technical data	MESSBOI 25*
Part No.	85101000
Measuring range	2 - 25 mm
Measuring force	spring pressure
L x W x H	approx. 120 x 160 x 350 mm
Display of counter	9999,99 m
Error limit	+ / - 0,5 %
Colour	aluminum / silver
Weight	approx. 1,4 kg

*MESSBOI 25: Available with conformity assessment (formerly first calibration).

Accessories



Abb. 10: Holder for MESSBOI 25 at MATBOI storage rack

Technical data	Holder for MESSBOI 25 at MATBOI storage rack
Part No.	85101002
Colour	RAL 7005 mouse grey

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Coil storing units- horizontal



Fig. 11: MATBOI 450 T



Fig. 12: MATBOI 650 T right

Technical data	MATBOI 480 T left	MATBOI 480 T right
Part No.	85101502	85101503
Type of swivel arm	left	right
Plate-Ø	480 mm	480 mm
Coil-Ø	max. 470 mm	max. 470 mm
Height centering pins	250 mm	250 mm
Core adjusting range	140 - 320 mm	140 - 320 mm
Coil weight	max. 20 kg	max. 20 kg
Colour plate / swivel arm	RAL 7005 mouse grey / zinc plated	RAL 7005 mouse grey / zinc plated

Storing unit for bigger coils mounted on swivel arm incl. brake infinitely adjustable clamping bolts.

Technical data	MATBOI 650 T left	MATBOI 650 T right
Part No.	85101505	85101506
Type of swivel arm	left	right
Plate-Ø	650 mm	650 mm
Coil-Ø	max. 640 mm	max. 640 mm
Height centering pins	250 mm	250 mm
Core adjusting range	180 - 500 mm	180 - 500 mm
Coil weight	max. 20 kg	max. 20 kg
Colour plate / swivel arm	RAL 7005 mouse grey / zinc plated	RAL 7005 mouse grey / zinc plated

Storing unit for bigger coils mounted on swivel arm incl. brake infinitely adjustable clamping bolts.

Bouncing protection

- Border pins and cover plate to avoid the bounce of the coil (e.g. for tubes and plastic pipes)

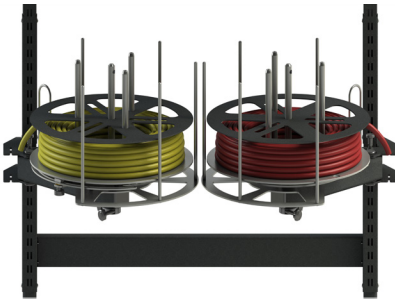


Fig. 13: MATBOI 480 T left / 480 T right with bouncing protection both sides



Fig. 14: MATBOI 650 T right with bouncing protection

Technical data	Bouncing protection for MATBOI 480 T
Part No.	85101504
Cover plate Ø	max. 480 mm
Incl. 5 border pins	✓
Height border pins	305 mm
Coil height	max. 230 mm
Total weight	approx. 7,3 kg
Weight cover plate	approx. 2,7 kg
Colour cover plate	RAL 7005 mouse grey
Colour border pins	galvanised

Technical data	Bouncing protection for MATBOI 650 T
Part No.	85101507
Cover plate Ø	max. 650 mm
Incl. 5 border pins	✓
Height border pins	305 mm
Coil height	max. 230 mm
Total weight	approx. 10 kg
Weight cover plate	approx. 3,8 kg
Colour cover plate	RAL 7005 mouse grey
Colour border pins	galvanised