

MATBOI

Storage and unwinding system for cable coils, tubes, plastic pipes

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



Fig. 1 MATBOI Complete device

MATBOI

- Storage and unwinding system for cable 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. This mobile version 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 is possible. Clearly ordered storage, ready for unwinding in guaranteed. This means coils can be loaded and removed easily. A new central adjustment of the clamping bolts ensures a simple and continuous tension of the coils. The bearing plates are made of electrogalvanized surfaces for a smooth unwinding process. In addition, the plates are equipped with brakes to avoid an unconditional material flow during unwinding process.

- Variable equipping possibilities
- Space-saving system
- Mobile storage device
- Length measurement possible
- Easy assembly and removal of the coils (coils are stored separately)
- Possible combinations with SPULBOI storage rack for spools

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

MATBOI

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Storage rack / Wall profile rail



Fig. 3 Storage rack 650

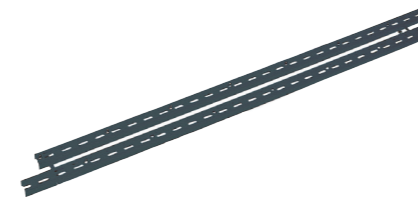


Fig. 4 Wall profile rail

Coil storing units - horizontal



Fig. 5 MATBOI 200 T



Fig. 6 MATBOI 300 T

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	

Technical data	Wandprofilschienen (Paar)
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!

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 device



Fig. 8 MESSBOI 10 H

Technical data	MESSBOI 10 H
Part No.	85100203
Material Ø	1-15 mm
Measuring force	Spring pressure
L x W x H	approx. 260 x 110 x 140 mm
Counter with reset key	9999,99 m
Measuring accuracy*	+/- 2 %
Colour	black / white
With holder for mounting onto Part No. 86003004, 86003011, 86003010	
* MESSBOI 10 H incl. MID/ conformity assessment (formerly first calibration) on request	

Coil storing units- horizontal



Fig. 9 MATBOI 480 T

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.



Fig. 10 MATBOI 650 T right

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.

Time-saving storage and unwinding of tubes and plastic pipes

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

» Find more information at SPULBOI storage system



Fig. 11 MATBOI / SPULBOI Combination

Store and unwind tubes and plastic profiles

Particular attention is paid to the storage behaviour of pipes and plastic tubes rolled into coils. In contrast to cable coils, materials like tubes and plastic pipes rather tends to bounce when loaded on the plate as a loose coil. Therefore, in this further MATBOI development additional border pins and a cover plate are available to avoid the bounce of the coil.

Bouncing protection

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

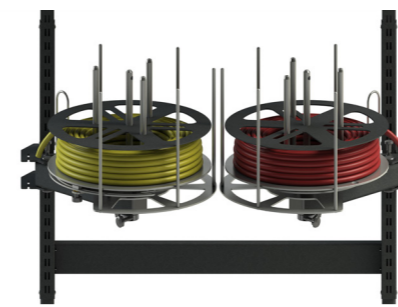


Fig. 12 MATBOI 480 T links / 480 T rechts mit Aufspringschutz beidseitig

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
Weight	7,3 kg
Weight cover plate	2,7 kg
Colour cover plate	RAL 7005 mouse grey
Colour border pins	galvanised

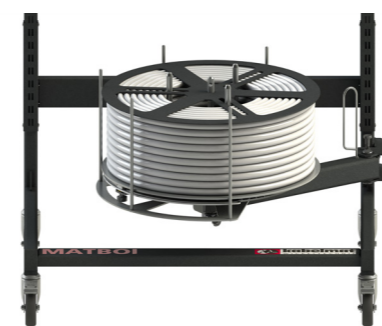


Fig. 13 MATBOI 650 T right with bouncing protection

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
Weight	10 kg
Weight cover plate	3,8 kg
Colour cover plate	RAL 7005 mouse grey
Colour border pins	galvanised

Indoor use only. Fig. may differ from original.
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