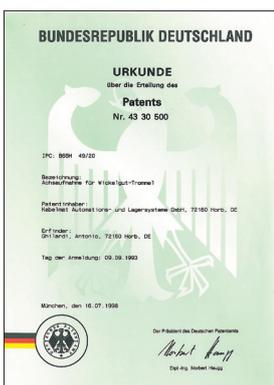


Cable drum storage and unwinding system



Dimensions and specifications may be changed without prior notice. Issue 10/2013.

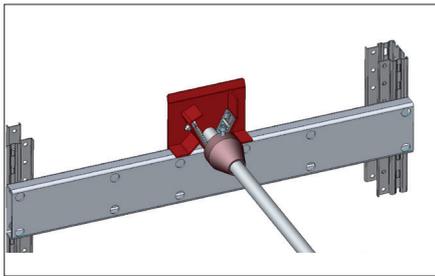


Extract from the patent specification:

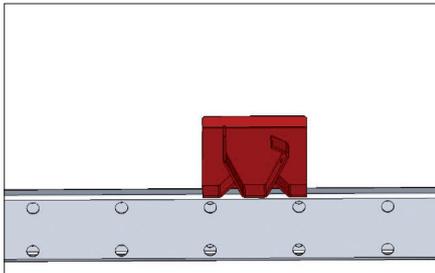
"Axle holder for the material drum with a bearing shell for the bearing of one end of the drum axle, whereby the bearing shell is lined with a material which has on the bearing surface facing to the axle an elevation which is subject to elastic deformation and the edges of which are rounded. Thus load controlled braking of the material drum during pay-off is achieved and unwanted coasting down of the material drum is avoided. Handling and safety are, moreover, considerably improved by an additional rollout safety device, an inclined roll-in ramp and as dislodging safety device.

In case of ready-to-pay-off-storing of cable drums it must be made sure that the drums are accepted safely and cannot dislodge due to a rotary movement or due to unbalance during pay-off.

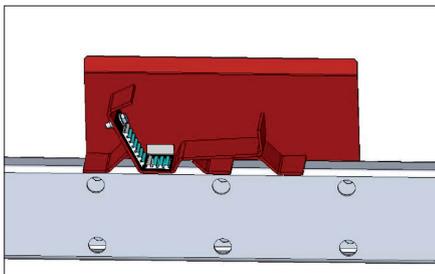
Cable drum storage and unwinding system



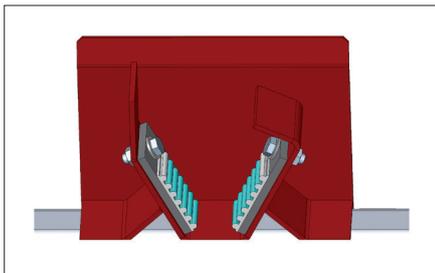
Axle holder with brake pad adjustable in 3 pos.



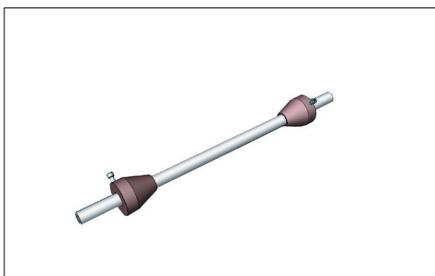
Axle holder without brake pad adjustable in 5 pos.



Axle jacket with brake pad and with a wider area for laying-up the axles for mechanical unwinding – recommended from a height of 4000 mm



Axle jacket with brake pad



Drum axle with cylindric cones

Description	Part No.
Frame 2200 mm	85300073
Frame 2500 mm	85300074
Frame 2700 mm	85300075
Frame 3000 mm	85300076
Frame 3300 mm	85300077
Frame 3600 mm	85300078
Frame 3800 mm	85300079
Frame 4100 mm	85300080
Frame 4400 mm	85300081
Frame 4700 mm	85300082
Frame 5200 mm	85300083
Frame 5500 mm	85300084
Frame 5800 mm	85300085
Frame 6000 mm	85300086

Crossbar	Part No.
870 mm up to Ø 1000 mm	85300090
1170 mm up to Ø 1400 mm	85300091
1370 mm up to Ø 1600 mm	85300092
1570 mm up to Ø 2000 mm	85300093

Necessary crossbar

Height 2200 - 3300 mm 1 frontside, 2 rear side	Load capacity per section 3000 kg
Height 3600 - 4100 mm 2 frontside, 2 rear side	Load capacity per section 3000 kg
Height 4400 - 5200 mm 2 frontside, 3 rear side	Load capacity per section 4000 kg
Height 5500 - 6000 mm 2 frontside, 4 rear side	Load capacity per section 5200 kg

Floor anchors (4 pcs. per frame)	85300097
Collision guard (2 pcs. per rack)	85300099

Pair of axle holder without brake	Part No.
LAGROL 1050-2000 kg without brake - 3 Pos.	85300100
LAGROL 1050-2000 kg without brake - 5 Pos.	85300105
Pair of axle holder without brake	85300104

Pair of axle holder with brake for automatic winding up we recommend:	Part No.
LAGROL 1050-2000 kg with brake - 3 Pos.	85300101
LAGROL 1050-2000 kg with brake - 5 Pos.	85300102
Brake pad for 1 axle holder for a quieter unwinding from the drum and a reduced follow-up movement	85300103

Drum axle with two centering cones	Part No.
Ø 34 - 840 mm lg	Load capacity 1000 kg 85008010
Ø 34 - 1140 mm lg	Load capacity 700 kg 85008020
Ø 60 - 1140 mm lg	Load capacity 1700 kg 85008030
Ø 60 - 1340 mm lg	Load capacity 2000 kg 85008040

Special axle diameters upon request

Cable drum storage and unwinding system

This drum storage and pay-off rack is ideal for the use in a production line along with the motorized take-ups such as UMROL, MOTROL or AUTOCUT. The solid construction with special and patented axle and / or drum holders and the fact that take-up and storage system are well-suited to each other make this system ideal for the above mentioned range of application.



Example with drums in succession

Each **LAGROL®** shelf section consists of two frames in a certain height, the required crossbars offering a certain sections loading capacity as well as of axles and axle holders. For each further shelf section only one further frame is required. All these single components may be combined.

The heavy-load drum bearing and the unwinding system **ABROL** are designed for feeding material to a Kabelmat winding and cutting machine. This system can be used as single feeding system as well as with additional attachable units.

The drum is carried by means of a consistent axle which is centered by two cylindric cones. The holding fixtures for the axles are equipped with brake linings for a quieter unwinding from the drum and a reduced follow-up movement.

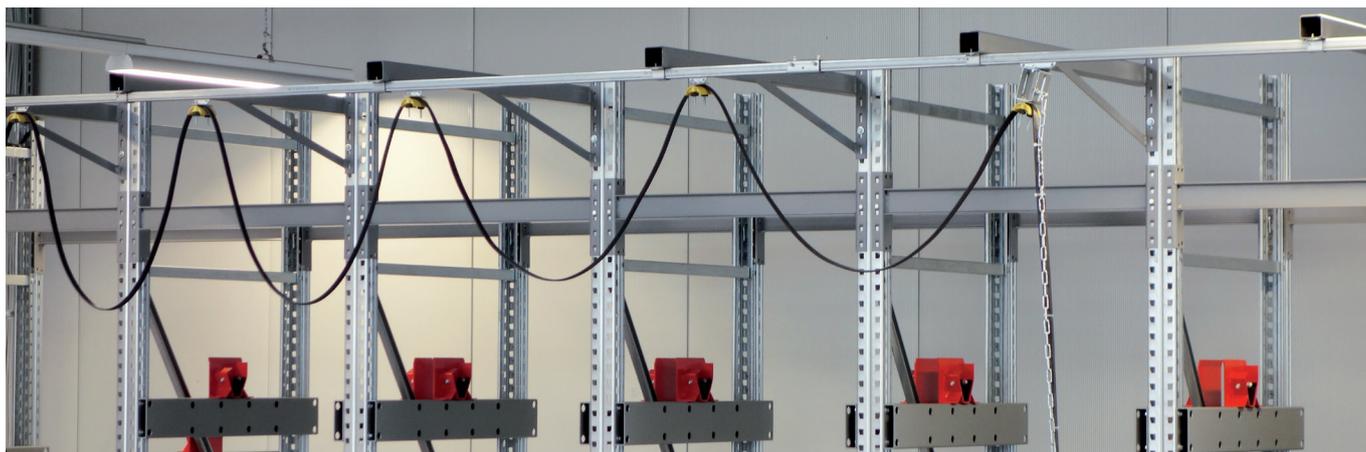


Example: Heavy-load drum bearing and unwinding system combined with LAGROL

Technical details ABROL

Drum-Ø	400 - 2200 mm
Drum weight	max. 5000 kg
Drum width	max. 1450 mm
Basic equipment H x W x T	3200 x 2320 x 2140 mm
Extension unit H x W x T	3200 x 2160 x 2140 mm

Cable drum storage and unwinding system



Cable trailing system for rack mounting

Basic equipment:

- U-profile rail with holder for rack mounting
- Cable trolley with clamping device for flat cables
- Buffer for cable carrier left / right
- Discharging terminal
- Stopper
- Terminal box for wall mounting to connect main supply
- Flat cable with plug to supply the machine with power



TROMPLAT Transport and loading accessory

This transport and loading accessory consists of two plat forms (extensions) which are put on the forks and fixed by means of clamping levers. By changing these accessories from the right to the left and vice versa they can either be used for small drums as well as for bigger ones.



TROMSTOP for safe transportation and to place into stock of the drum with pallet stacker