

Electrical Drum turner

Supplement to
instruction manual



LOGITRANS

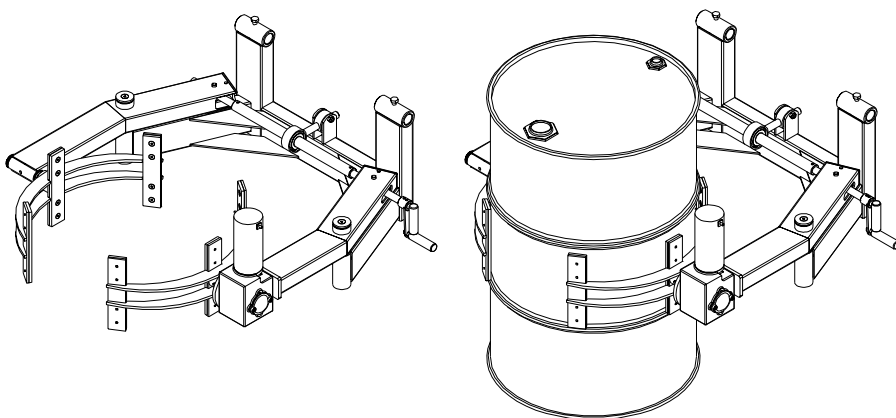
1.0 Operation

The drum turner is designed for use on Logitrans straddle stackers and Logilifts.

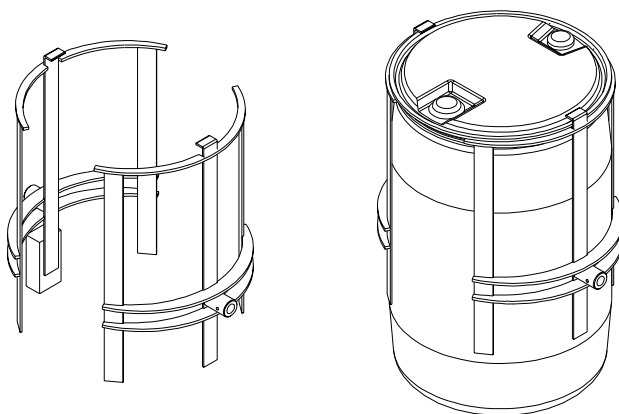
The drum turner is available with clamp fittings for 200 l steel drums (A) or for plastic drums, model mipi (B).

Max. capacity 300 kg.

A



B



1.1 Picking-up of drums in vertical position

Position the clamp fittings along the length of the drum.

Turn gripping handle (pos. 1) counter-clockwise to open the gripping arms as much as possible.

Move the clamp fittings forward until the centre of the drum is in the middle of the clamp fittings.

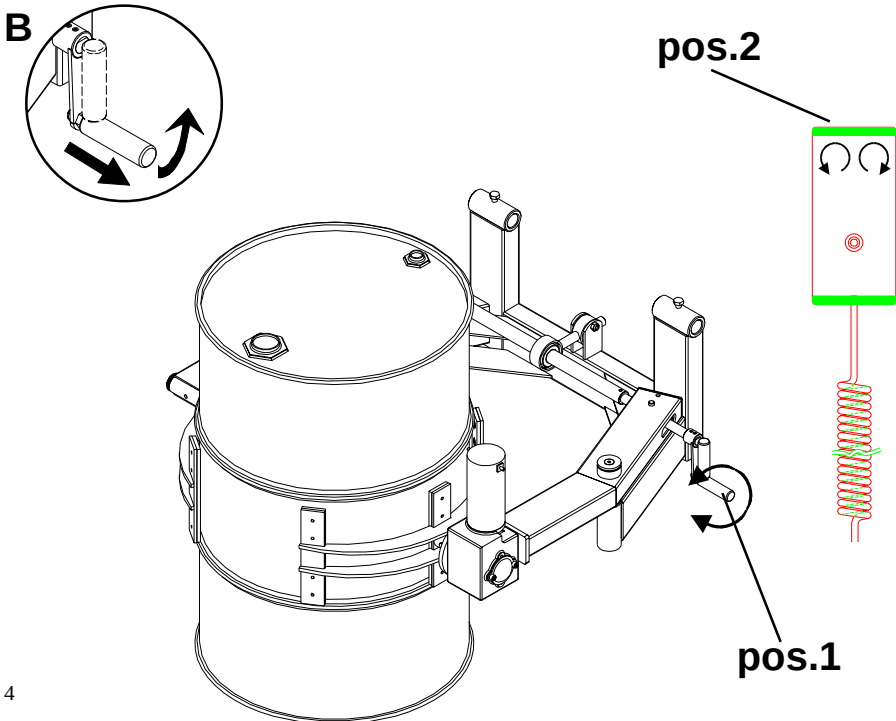
Turn gripping handle (pos. 1) clockwise and lock it to prevent the drum from sliding when lifted.

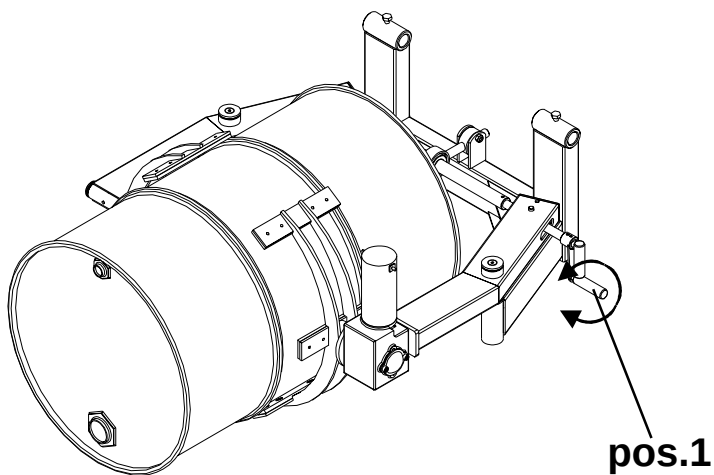
Turn handle upwards to prevent the grip around the drum from loosening (B).

The drum can now be lifted.

Use the remote control (pos. 2) to tilt the drum. The drum can be tilted 360° in both directions.

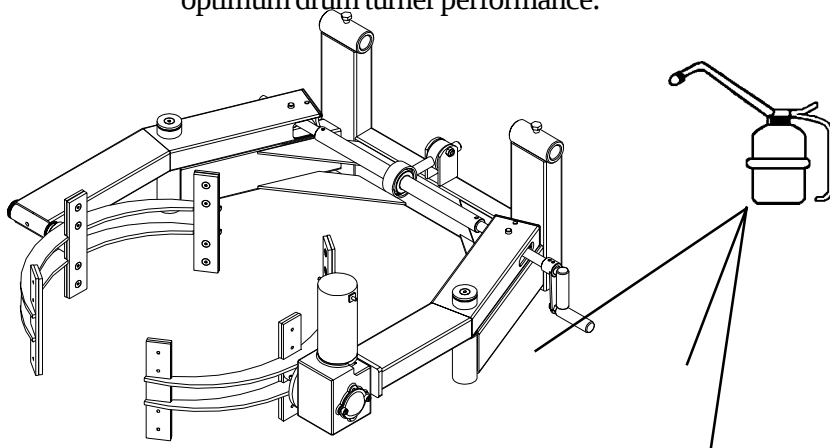
The self-locking gear is able to hold the drum in any position.





1.2 Maintenance

Lubricate spindle rods and spindle support regularly to ensure optimum drum turner performance.

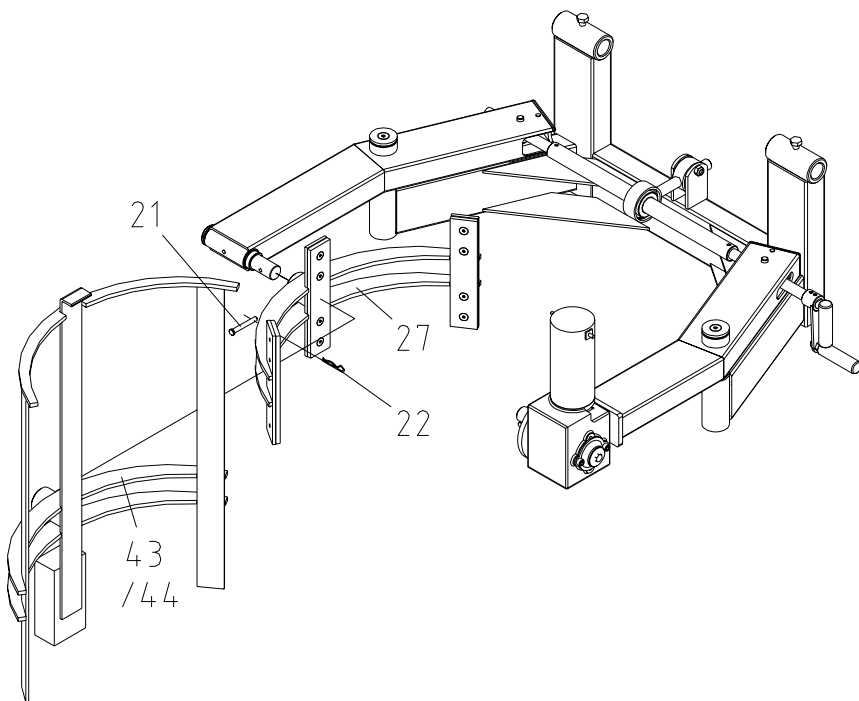


1.3 Changing clamp fittings

The clamp fittings for steel and plastic drums can easily be changed without tools (see spare part list).

Dismount splitpin (pos. 22), push out bolt (pos. 21) and pull clamp fittings (pos. 27) off the shaft.

Push gripper (pos. 43/44) for plastic drum onto shaft and remount bolt and splitpin.



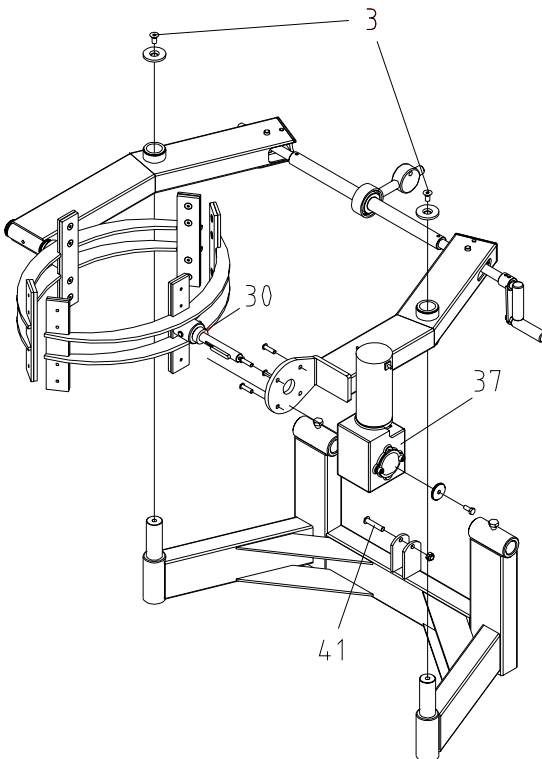
1.4 Reversed model

The drum turner can be altered from the standard left version to a right version.

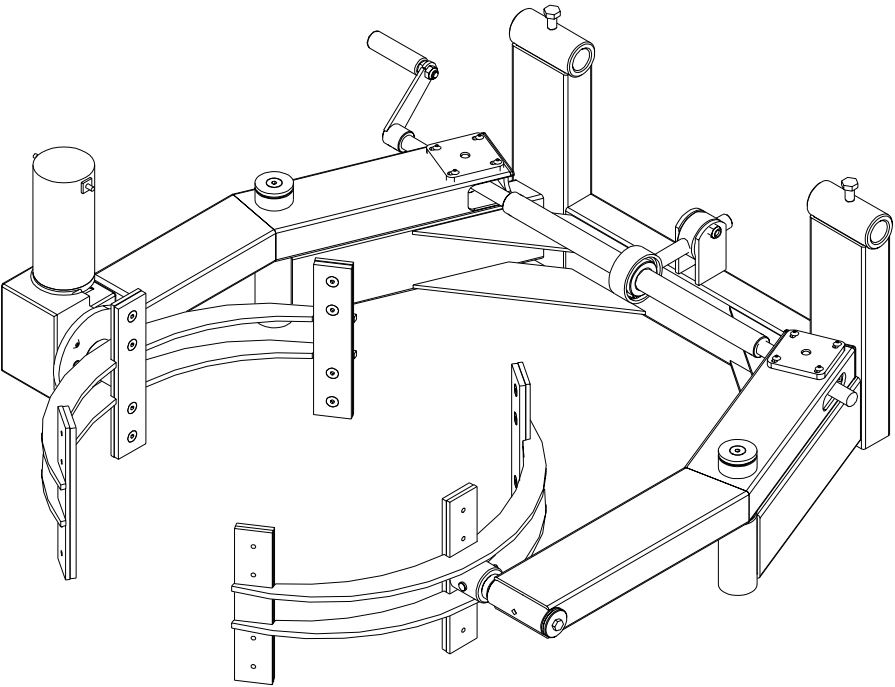
Dismount gear shaft (pos. 30) and gear motor (pos. 37). Unscrew screws at gripping arms (pos. 3) and screw at spindle support (pos. 41).

The gripping arms with threaded rods and spindle rod can now be lifted and turned so that the gear motor is positioned in the right-hand side.

Mount screws for spindle support and gripping arms, turn and mount the gear, and finally mount gear shaft in the gear.



1.4a Reversed model



2.0 Warning



Drums often contain liquids and therefore care should be taken during transport as the contents may slosh around. As the position of the centre of gravity changes when a drum is tilted, steady movement is necessary.

Never walk under a lifted drum !

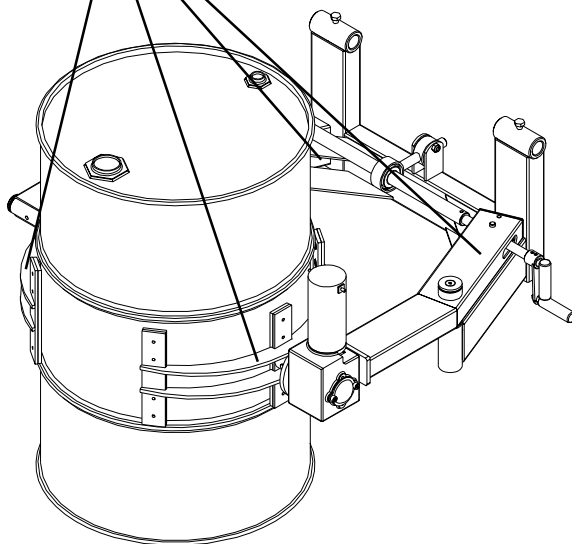
Be careful, the contents of the drum can slosh around !

Be careful of moving parts !

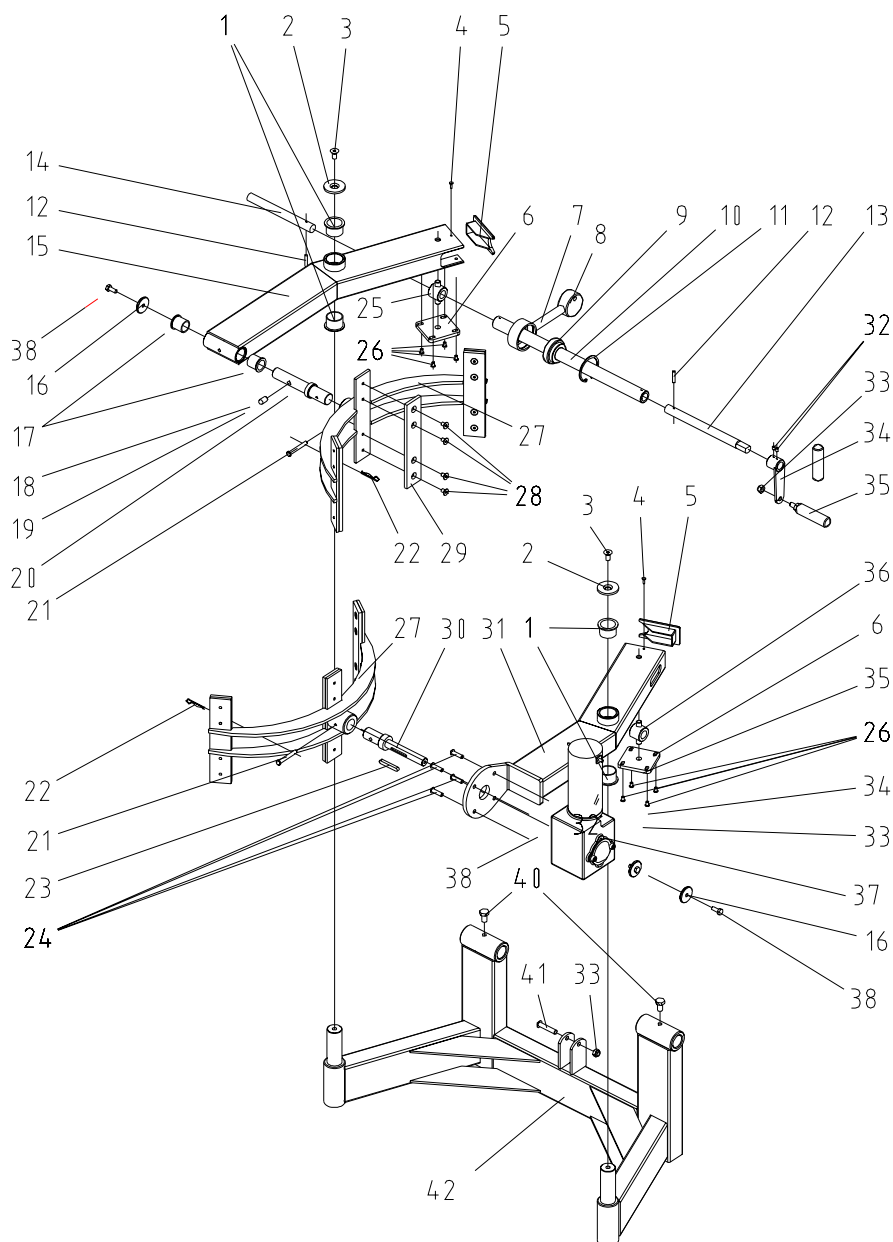


ATTENTION

Moving parts

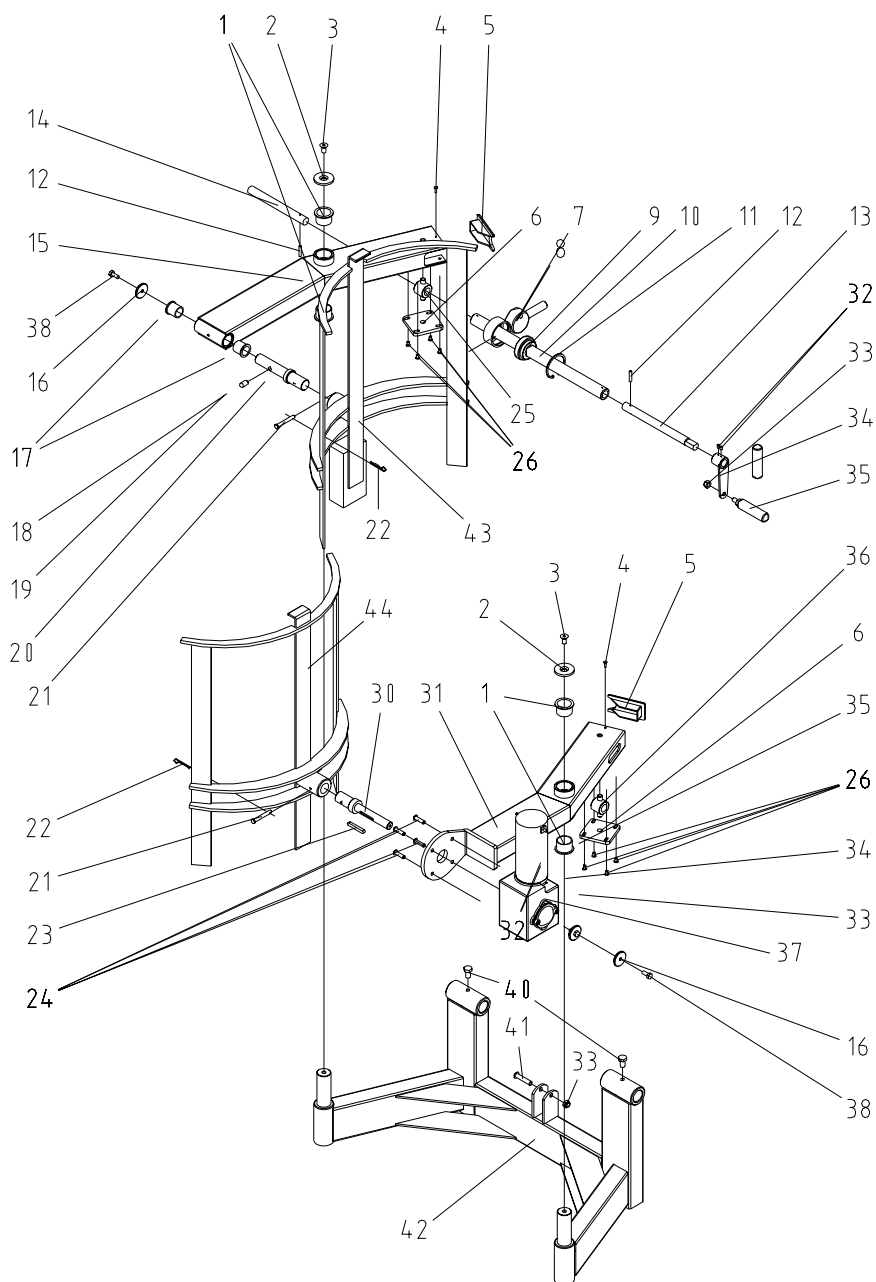


Drum turner for steel drums



Spare parts list		Drum turner - steel drum				25.10.2000
Pos.	Part no.	Benævnelse	Description	Benennung	Désignation	Pcs.
1	948314	Glidebøsning	Slide bushing	Gleitbuchse	Bague glissante	4
2	403118	Modholdsskive	Washer	Scheibe	Rondelle	2
3	911120	UH skrue	Screw	Schraube	Vis	2
4	916415	Sevsk. skrue	Screw	Schraube	Vis	2
5	403486	Plastprop f/arm tøndev.	Plastic plug for arm	Kunststoffpropfen f/ Arm	Bouchon plastique pour bras	2
6	403473	Dæksel f/møtrik	Cover for nut	Deckel f/ Mutter	Couvercle écrou	2
7	403468	Spindelholder	Spindle support	Spindelhalter	Support de broche	1
8	403467	Bøsning f/spindelholder	Bush for spindle support	Buchse f. Spindelhalter	Bague de support de broche	1
9	946150	Kugleleje	Ball bearing	Kugellager	Roulement	1
10	403464	Spindelstang	Spindle bar	Spindelstange	Barre de broche	1
11	934620	Låsering	Locking ring	Schließring	Circlip	1
12	931630	Rørstift	Tubular pin	Rohrstift	Goupille cylindrique	2
13	403463	Gevindstang venstre	Lefthand threaded bar	Gewindestange, links	Barre filetée gauche	1
14	403472	Gevindstang højre	Righthand threaded bar	Gewindestange, rechts	Barre filetée droite	1
15	403457	Gribeam kpl. f/tøndevender, højre	Gripping arm for drum turner cpl., right	Greifarm f/ Faßkipper kpl., rechts	Bras de préhension pour ret. fûts, droite, compl.	1
16	403484	Skive f/gearaksel	Washer	Scheibe	Rondelle	2
17	948259	Nylon bøsning	Nylon bushing	Nylon buchse	Douille	2
18	958068	Trykfjeder	Spring	Druckfeder	Ressort	1
19	941111	Kugle	Ball	Kugel	Bille	1
20	403471	Aksel f/gribebeslag	Shaft for clamp fittings	Achse f/ Greifbeschlag	Arbre pour préhension	1
21	403485	Bolt m/sikr.hul	Locking bolt	Bolzen m/ Sich.bohrung	Boulon avec orif. sécurité	2
22	939312	Fjederspilt	Splitpin	Federsplint	Goupille à ressort	2
23	936850	Feder	Key	Federkeil	Clavette parallèle	1
24	917830	RH Skrue	Screw	Schraube	Vis	4
25	403117	Fix møtrik kpl. højre side	Lock nut cpl. right side	Selbstsichernde Mutter kpl. rechts	Écrou bloquage compl. côté droite	1
26	919616	RH Skrue	Screw	Schraube	Vis	8
27	403461	Gribebeslag kpl. tøndev.	Clamp fittings cpl.	Greifbeschlag kpl.	Disposit. préhension compl.	2
28	911812	UH Skrue	Screw	Schraube	Vis	24
29	403107	Gummiplade	Clamping pad	Shampolster	Plaque caoutchouc	6
30	403775	Gearaksel f/tøndevender	Gear shaft cpl.	Getriebewelle	Arbre transmission	1
31	403776	Gribeam kpl. f/tøndevender, venstre	Gripping arm for drum turner cpl., left	Greifarm f/ Faßkipper kpl., links	Bras de préhension pour ret. fûts, gauche, compl.	1
32	910608	Pinolskrue	Screw	Schraube	Vis	4
33	921100	Sikringsmøtrik	Lock nut	Gegenmutter	Ecrou de verrouillage	3
34	403489	Håndtag f/tøndev.	Handle for drum turner	Handgriff f/ Faßkipper	Manette/ret. fûts	2
35	994025	Vippebar ballegreb	Tilt handle	Kippbarer Handgriff	Fourche à balles basc.	1
36	403116	Fix møtrik kpl. venstre side	Lock nut cpl. left side	Selbstsichernde Mutter kpl. links	Écrou bloquage compl. côté gauche	1
37	985270 985280	Gearmotor, 12V Gearmotor, 24V	Gear motor, 12V Gear motor, 24V	Getriebemotor, 12V Getriebemotor, 24V	Engrenage moteur, 12V Engrenage moteur, 24V	1
38	915821	Sætskrue	Screw	Schraube	Vis	2
39	403083	Ring v/gear	Ring at gear	Ring f/ Getriebe	Bague d'engrenage	1
40	915220	Sætskrue	Screw	Schraube	Vis	2
41	919150	RH Skrue	Screw	Schraube	Vis	1
42	403483	Chassis f/tøndevender	Chassis, drum turner	Chassis, Faßkipper	Chassis, Retourneur de fûts	1

Drum turner for plastic drums (model MIPI)



Spare parts list		Drum turner - plastic drum model MIPI				25.10.2000
Pos.	Part no.	Benævnelse	Description	Benennung	Désignation	Pcs.
1	948314	Glidebøsning	Slide bushing	Gleitbuchse	Bague glissante	4
2	403118	Modholdsskive	Washer	Scheibe	Rondelle	2
3	911120	UH skrue	Screw	Schraube	Vis	2
4	916415	Selvsk. skrue	Screw	Schraube	Vis	2
5	403486	Plastprop f/arm tøndev.	Plastic plug for arm	Kunststoffpropfen f/ Arm	Bouchon plastique pour bras	2
6	403473	Dæksel f/møtrik	Cover for nut	Deckel f/ Mutter	Couvercle écrou	2
7	403468	Spindelholder	Spindle support	Spindelhalter	Support de broche	1
8	403467	Bøsning f/spindelholder	Bush for spindle support	Buchse f. Spindelhalter	Bague de support de broche	1
9	946150	Kugleleje	Ball bearing	Kugellager	Roulement	1
10	403464	Spindelstang	Spindle bar	Spindelstange	Barre de broche	1
11	934620	Låsering	Locking ring	Schließring	Circlip	1
12	931630	Rørstift	Tubular pin	Rohrstift	Goupille cylindrique	2
13	403463	Gevindstang venstre	Lefthand threaded bar	Gewindstange, links	Barre fileté gauche	1
14	403472	Gevindstang højre	Righthand threaded bar	Gewindstange, rechts	Barre fileté gauche	1
15	403457	Gribearm kpl. f/tøndevender, venstre	Gripping arm for drum turner cpl., left	Greifarm f/ Tonnenwender kpl. links	Bras de préhension compl. pour ret. fûts, gauche	1
16	403484	Skive f/gearaksel	Washer	Scheibe	Rondelle	2
17	948259	Nylon bøsning	Nylon bushing	Nylon buchse	Douille	2
18	958068	Trykfeder	Spring	Druckfeder	Ressort	1
19	941111	Kugle	Ball	Kugel	Bille	1
20	403471	Aksel f/gribebeslag	Shaft for clamp fittings	Achse f/ Greifer	Arbre pour préhension	1
21	403485	Bolt m/sikr.hul	Locking bolt	Bolzen m/ Sich.bohrung	Boulon avec orif. sécurité	2
22	939312	Fjederspilt	Splitpin	Federsplint	Goupille à ressort	2
23	936850	Feder	Key	Federkeil	Clavette parallèle	1
24	917830	RH Skrue	Screw	Schraube	Vis	4
25	403117	Fix møtrik kpl. h side	Lock nut cpl. right side	Selbstsichernde Mutter kpl. rechts	Écrou bloquage compl. côté droit	1
26	919616	RH Skrue	Screw	Schraube	Vis	8
30	403775	Gearaksel f/tøndevender	Gear shaft cpl.	Getriebewelle	Arbre transmission	1
31	403776	Gribearm kpl. f/tøndevender, højre	Gripping arm for drum turner cpl., right	Greifarm f/ Faßkipper kpl., rechts	Bras de préhension pour ret. fûts, droite, compl.	1
32	910608	Pinolskrue	Screw	Schraube	Vis	4
33	921100	Sikringsmøtrik	Lock nut	Gegenmutter	Ecrou de verrouillage	3
34	403489	Håndtag f/tøndev.	Handle for drum turner	Handgriff f/ Faßkipper	Manette/ret. fûts	2
35	994025	Vippebar ballegreb	Tilt handle	Kippbarer Handgriff	Fourche à balles basc.	1
36	403116	Fix møtrik kpl. v side	Lock nut cpl. left side	Selbstsichernde Mutter kpl. rechts	Écrou bloquage compl. côté gauche	1
37	985270 985280	Gearmotor, 12V Gearmotor, 24V	Gear motor, 12V Gear motor, 24V	Getriebemotor, 12V Getriebemotor, 24V	Engrenage moteur, 12V Engrenage moteur, 24V	1
38	915821	Sætskrue	Screw	Schraube	Vis	2
39	403083	Ring v/gear	Ring at gear	Ring f/ Getriebe	Bague d'engrenage	1
40	915220	Sætskrue	Screw	Schraube	Vis	2
41	919150	RH Skrue	Screw	Schraube	Vis	1
42	403483	Chassis f/tøndevender	Chassis, drum turner	Chassis, Faßkipper	Chassis, Retourneur de fûts	1
43	403500	Gribebeslag kontra MIPI	Clamp fittings, contra MIPI	Greifbeschläge, kontra, MIPI	Disposit. préhension contre MIPI	1
44	403501	Gribebeslag MIPI	Clamp fittings, MIPI	Greifbeschläge, MIPI	Disposit. MIPI	1

Manufacturer's declaration

Machine Directive 98/37/EC, Appendix II, B

LOGITRANS

Nisap Maskinfabrik A/S

Hillerupvej 35

DK 6760 Ribe

hereby declares that

Logitrans drum turner

series No.: _____

has been designed for incorporation in (building into) CE-marked Logitrans stackers and Logilifts.

Logitrans stackers and Logilifts are basic units covered by the Machine Directive 98/37/EC with subsequent amendments. They carry the CE-mark and are also covered by a declaration of conformity.

The **Logitrans drum turner** fulfils all requirements of the Machine Directive only when it is used in conjunction with CE-marked Logitrans stackers and Logilifts.

Product type declaration of 15.11.1999

Name: Erling Pedersen

Position: Product chief

Company: Nisap Maskinfabrik A/S

Signature: 

Periodic safety inspection

Safety inspection should be performed by the supplier or other qualified persons at least once each year, unless local regulations state otherwise.