



www.pegasolift.com

PL SERIES

SPARE PARTS MANUAL PALLET STACKERS



UK



GENERAL INFORMATION

This catalogue is used for ordering the spare parts and it has been realized to answer the following requirements:

- 1 - To allow a quick identification of each component of machine.
- 2 - To make it possible to execute safely the assembly and the disassembly operations, through clear and concise exploded view views.

The tables, the drawing, the instructions and any other contents of this catalogue are technical confidential information: it is forbidden to take off, in part or completely, these data, and they cannot be communicated to third parties without a previous written authorization by PEGASO s.r.l. from San Bonifacio (VR), who is the exclusive proprietary of them.

PEGASO s.r.l. reserves itself the right to introduce changes, without notice, into this catalogue and into the machine it refers to.

WARRANTY

Pegaso s.r.l. guarantee their pallet trucks and pallet stackers from manufacturer defect for 24 months (only for European EC market) after the delivery date.

Any complaints must be sent to Pegaso s.r.l.: parts that will be found defective, will be FREE replaced with the only transport cost.

It is absolutely exclude from all sort of warranty any compensation for damage, labour cost, less of profits, etc.

Warranty expires for bad use, user's negligence, repairing carried out from not-authorized personal , tampering or not-authorized alterations, replacement with not original spare parts and accident.

In case of objections, it is established the competence of the Judicial Court of Verona (Italy).

WAY TO ORDER:

To simplify the store-research and the delivery of the spare parts, keep to the following instructions and always specify:

- 1 - The machine model and serial number (shown on the identification metal label applied on the lift).
- 2 - The machine production year (shown on the identification metal label).
- 3 - The position number and the table in which the spare part is represented.
- 4 - The identification code of the spare part to order.
- 5 - The quantity.
- 6 - The trade name and the correct address (including telephone, fax numbers and e/mail address) of the customer to whom the goods shall be sent.
- 7 - The desired means of forwarding (if this heading is not specified, PEGASO s.r.l. will reserve itself the right to choose the most suitable means of delivery).

The orders must reach PEGASO s.r.l., Via del Lavoro 14, ZAI Est 37047 San Bonifacio (VR).

PEGASO s.r.l. does not answer for any delay due to circumstances beyond its control.

Table 01.DX.00.000.000
DUPLEX PL13 - PL16-PL20 SERIES
DUPLEX pallet stacker general exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		DUPLEX mobile mast.....	01
02		DUPLEX fixed mast.....	01
03		Fork.....	01
04		Chassis.....	01
05	Trade	PL13 & PL16 - FLEYER BL534 chain.....	02
06	Trade	PL20 - FLEYER BL566 chain.....	02
07	03000523	PL13 & PL16 - Chain stretcher for BL534 chain.....	02
08	CTT 30125566.T	PL20 - Chain stretcher for BL534 chain.....	02
09	Trade	Hexagon head screw (TE) M16x40 UNI5739 + Washer ø17x30 UNI6592.....	02
10	Trade	Hexagon head screw (TE) M14x55 UNI5739 + Washer ø15x28 UNI6592.....	02
11	Trade	Self-locking nut M16 DIN985.....	02
12	18109P	PL13 & PL16 - Hooking pin for BL534 chain stretcher + Split pin.....	02
	18112P	PL20 - Hooking pin for BL566 chain stretcher + Split pin.....	02
	Trade	Self-locking nut M16 DIN985.....	02
	Trade	Hexagon head screw (TE) M16x45 UNI5739 + Washer ø17x30 UNI6592.....	04

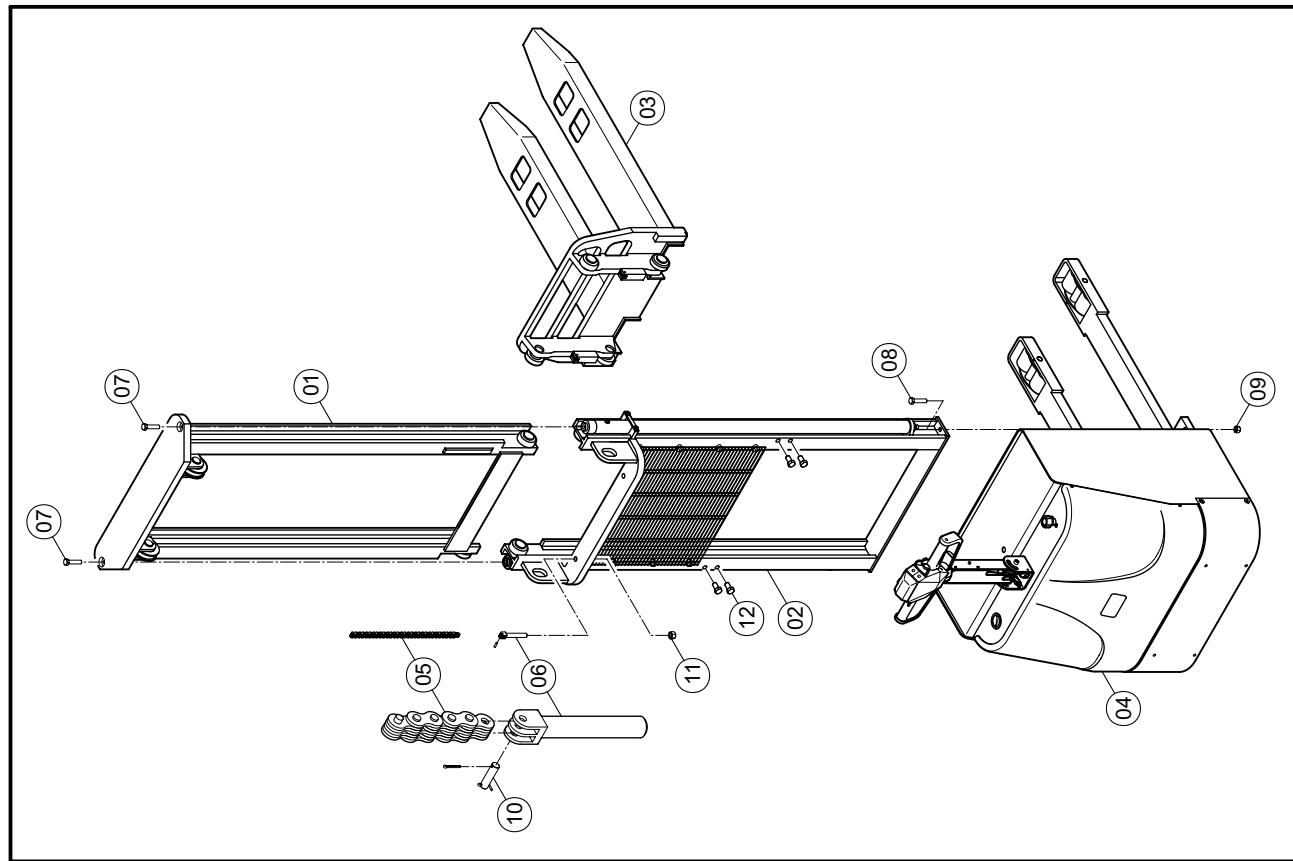


Table 02.DF.00.000.000

DUPLEX PL13 - PL16 - PL20 SERIES

DUPLEX fixed mast exploded view (standard version without max lifting height limit switch)

POS.	CODE	DESCRIPTION	U.Q.
01		DUPLEX fixed mast	01
02	MTPL13DFR2500	DUPLEX H= 2500 - Protection net for DUPLEX H2500	01
	MTPL13DFR2900	DUPLEX H= 2900 - Protection net for DUPLEX H2900	01
	MTPL13DFR3200	DUPLEX H= 3200 - Protection net for DUPLEX H3200	01
	MTPL13DFR3600	DUPLEX H= 3600 - Protection net for DUPLEX H3600	01
	MTPL13DFR4200	DUPLEX H= 4200 - Protection net for DUPLEX H4200	01
	MTPL13DFR4500	DUPLEX H= 4500 - Protection net for DUPLEX H4500	01
03	CTPL13D40501205	DUPLEX H= 2500 - Plunger oleo-dynamic cylinder for DUPLEX H2500	02
	CTPL13D40501405	DUPLEX H= 2900 - Plunger oleo-dynamic cylinder for DUPLEX H2900	02
	CTPL13D40501555	DUPLEX H= 3200 - Plunger oleo-dynamic cylinder for DUPLEX H3200	02
	CTPL13D40501755	DUPLEX H= 3600 - Plunger oleo-dynamic cylinder for DUPLEX H3600	02
	CTPL13D40502055	DUPLEX H= 4200 - Plunger oleo-dynamic cylinder for DUPLEX H4200	02
	CTPL13D40502205	DUPLEX H= 4500 - Plunger oleo-dynamic cylinder for DUPLEX H4500	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	(*)
11	Trade	Slotted set screw M10x12 UNI5923	04

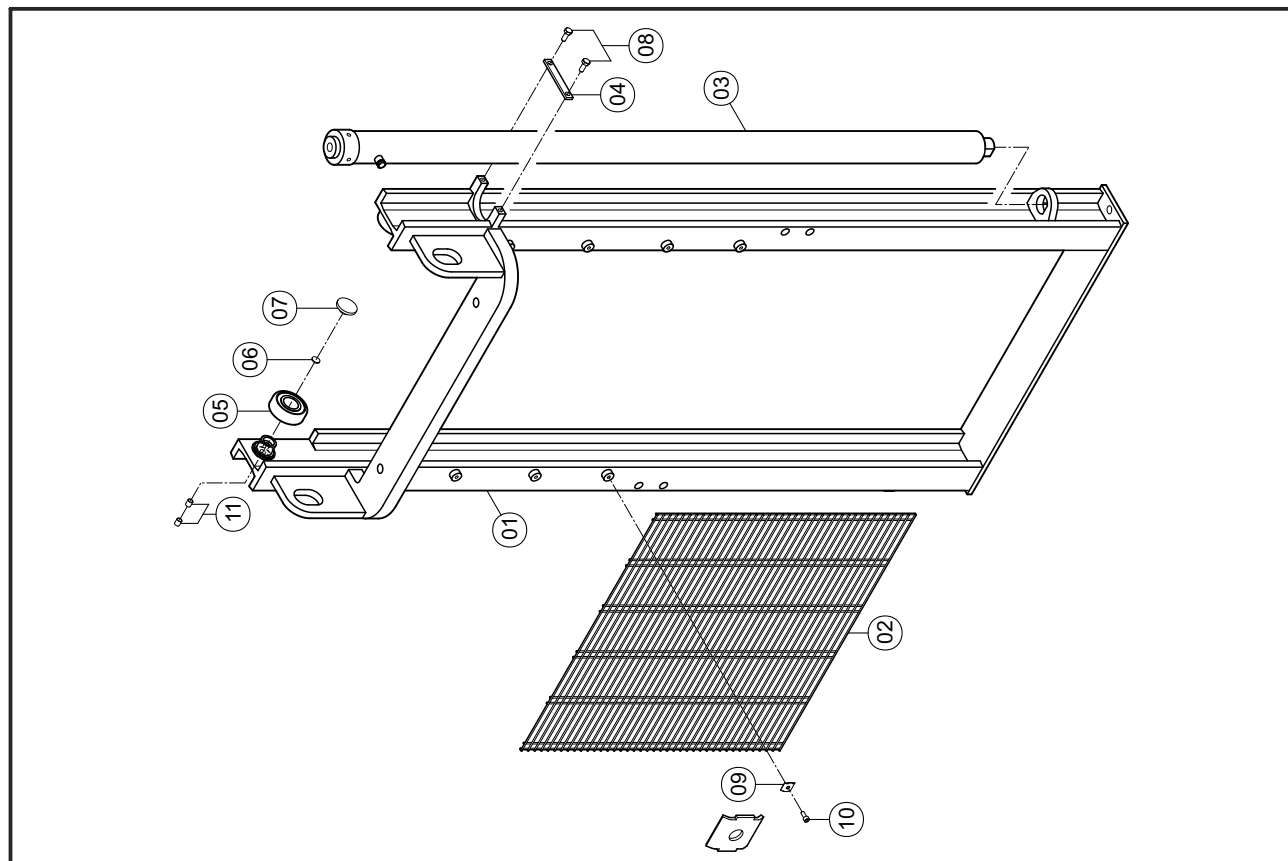
(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

- For lifting height H=2,5 - 2,9 - 3,2

- For lifting height H=3,6 - 4,2 - 4,5

U.Q. = 8 pcs.

U.Q. = 12 pcs.



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 02.DF.FC.000.000

DUPLEX PL13 - PL16 - PL20 SERIES

DUPLEX fixed mast exploded view (with max lifting height limit switch optional)

POS.	CODE	DESCRIPTION	U.Q.
01		DUPLEX fixed mast	01
02	MTPL13DFR2500	DUPLEX H= 2500 - Protection net for DUPLEX H2500	01
	MTPL13DFR2900	DUPLEX H= 2900 - Protection net for DUPLEX H2900	01
	MTPL13DFR3200	DUPLEX H= 3200 - Protection net for DUPLEX H3200	01
	MTPL13DFR3600	DUPLEX H= 3600 - Protection net for DUPLEX H3600	01
	MTPL13DFR4200	DUPLEX H= 4200 - Protection net for DUPLEX H4200	01
	MTPL13DFR4500	DUPLEX H= 4500 - Protection net for DUPLEX H4500	01
03	CTPL13D40501205	DUPLEX H= 2500 - Plunger oleo-dynamic cylinder for DUPLEX H2500	02
	CTPL13D40501405	DUPLEX H= 2900 - Plunger oleo-dynamic cylinder for DUPLEX H2900	02
	CTPL13D40501555	DUPLEX H= 3200 - Plunger oleo-dynamic cylinder for DUPLEX H3200	02
	CTPL13D40501755	DUPLEX H= 3600 - Plunger oleo-dynamic cylinder for DUPLEX H3600	02
	CTPL13D40502055	DUPLEX H= 4200 - Plunger oleo-dynamic cylinder for DUPLEX H4200	02
	CTPL13D40502205	DUPLEX H= 4500 - Plunger oleo-dynamic cylinder for DUPLEX H4500	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	(*)
11	Trade	Slotted set screw M10x12 UNI5923	04
12	FR531	Max lifting height limit switch	01
13	Trade	Hexagon socket head cap screw (TCEI) M5x35 UNI5931	02

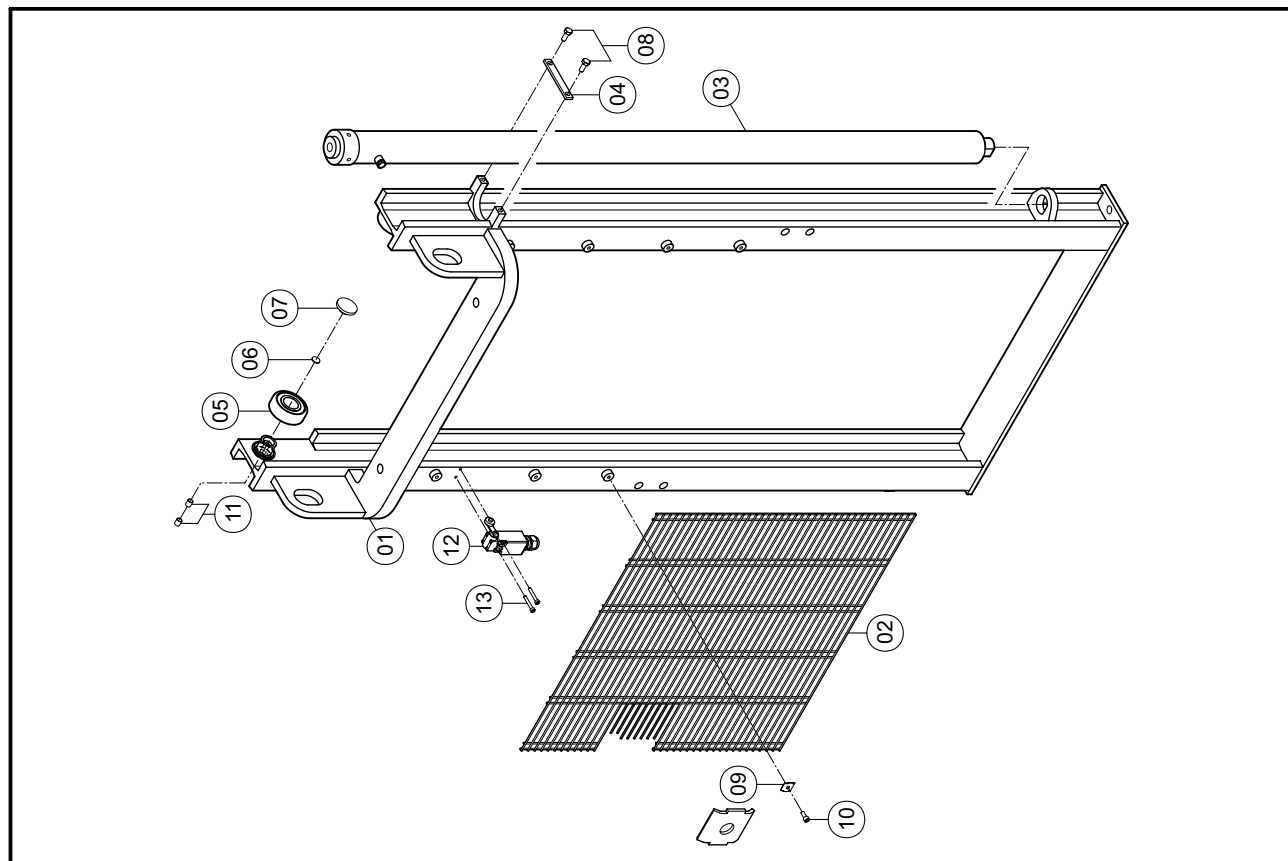
(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

-For lifting height H=2,5 - 2,9 - 3,2

-For lifting height H=3,6 - 4,2 - 4,5

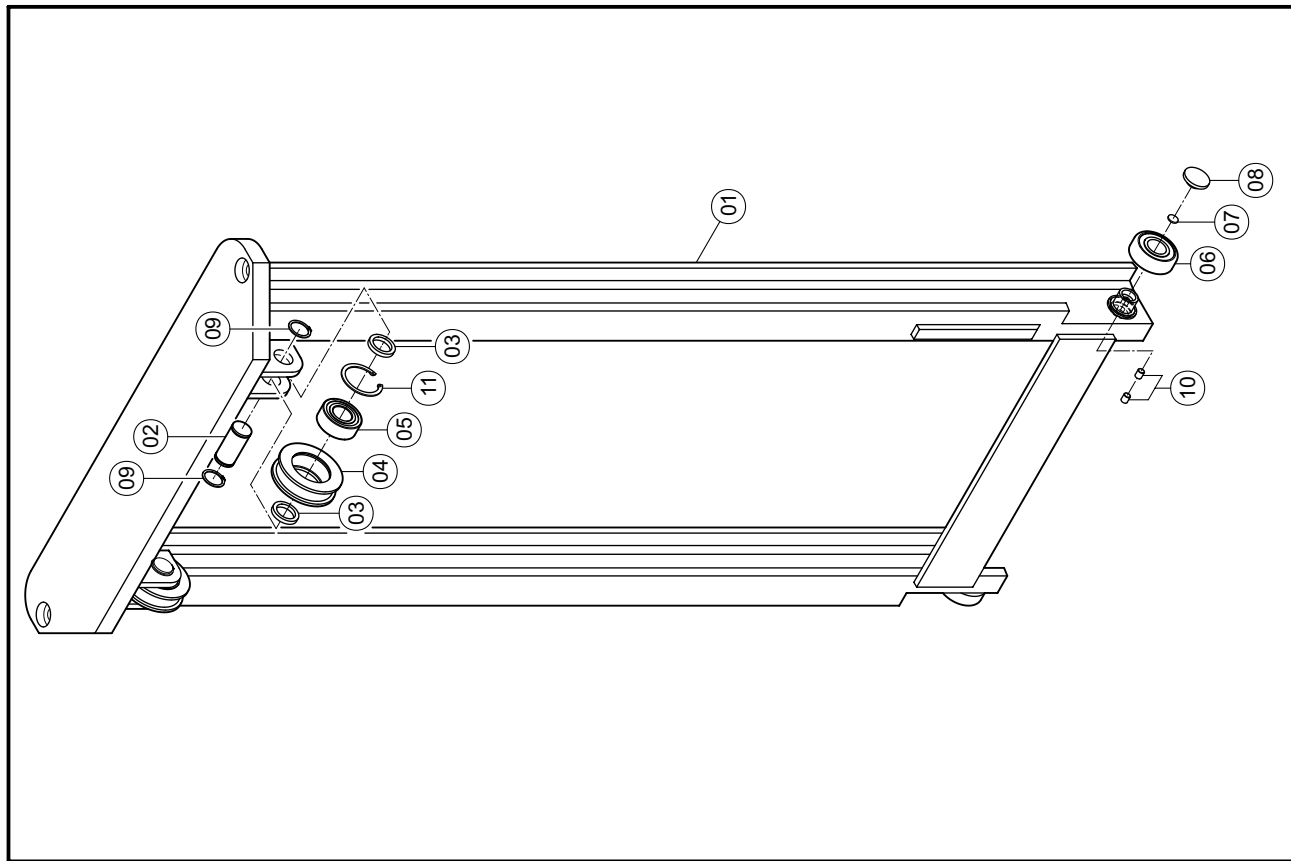
U.Q.= 8 pcs.

U.Q.= 12 pcs.



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

POS.	CODE	DESCRIPTION	U.Q.
01		Duplex mobile mast.....	01
02	MT023.T	Mobile mast chain pulley pin.....	02
03	MT081.T	PL13 & PL16 - Pulley spacer L=9,5.....	04
04	MT052.T	PL20 - Pulley spacer L=6,5.....	04
05	MT051.T	PL13 & PL16 - BL534 Chain pulley.....	02
06	MT062.T	PL20 - BL566 Chain pulley.....	02
07	3202A-2RS 1	PL13 & PL16 - Radial bearing with 2 crowns of balls $\varnothing 30 \times \varnothing 62 \times 23,8$	02
08	3306A-2RS 1	PL20 - Radial bearing with 2 crowns of balls $\varnothing 30 \times \varnothing 72 \times 30,2$	02
09	MRS901	PL13 & PL16 - Ball bearing $\varnothing 70$	02
10	MRS908	PL20 - Ball bearing $\varnothing 78$	02
11	AS.3005PS	Small disk for adjustable sliding block.....	02
	10002.102	Adjustable sliding block.....	02
	Trade	Retaining ring for shafts $\varnothing 30$ UNI7435.....	04
	Trade	Slotted set screw M10x12 UNI5923.....	04
	Trade	PL13 & PL16 - Retaining ring for bores $\varnothing 62$ UNI7437.....	02
	Trade	PL20 - Retaining ring for bores $\varnothing 72$ UNI7437.....	02

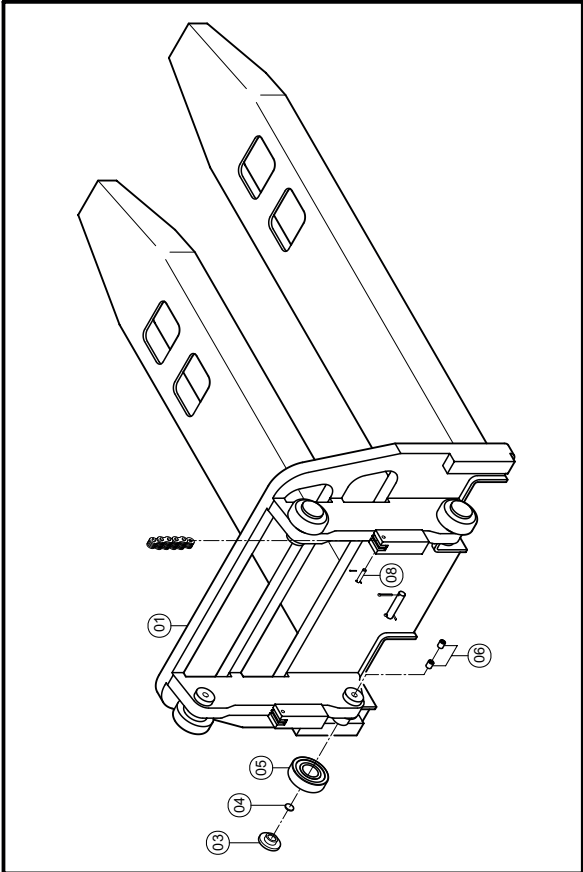


ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT



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Table 04.00.00.000.000
DUPLEX PL13 - PL16 - PL20 SERIES
DUPLEX forks exploded view



POS.	CODE	U.Q.
DESCRIPTION		DUPLEX
01 forks	01	
03 10002.102		Adjustable sliding block per gruppo di guida a
04 sfera	04	
04 AS.3005PS		Small disk for adjustable sliding
05 block	04	
05 MRS901		PL13 & PL16 - Ball bearing
070 04		PL20 - Ball bearing
078 04		
06 Trade		Slotted set screw M10x12
UNI5923 08		
08 18112P		Hooking pin for chain + Split
pin 02		

Table 01. TX.00.000.000

TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX pallet stacker general exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX first mobile mast assembly	01
02		TRIPLEX fixed mast assembly	01
03		Forks assembly	01
04		Chassis assembly	01
05		FLEYER BL566 chain	02
06	Trade	Chain stretcher for BL566 chain	02
07	CTT30125566.T	Hexagon head screw (TE) M16x40 UNI5739 + Washer ø17x30 UNI6592	02
08	Trade	Hexagon head screw (TE) M14x55 UNI5739 + Washer ø15x28 UNI6592	02
09	Trade	Self-locking nut M16 DIN985	02
10	18112P	Hooking pin for BL566 chain tension rod + Split pin	02
11	Trade	Self-locking nut M16 DIN985	02
12		TRIPLEX second mobile mast assembly	01
13	03000523	PL13 & PL16 - Chain stretcher for BL534 chain	02
14	CTT30125566.T	PL20 - Chain stretcher for BL566 chain	02
15	Trade	PL13 & PL16 - FLEYER BL534 chain	02
16	18109P	PL13 & PL16 - Hooking pin for BL534 chain tension rod + Split pin	02
	18112P	PL20 - Hooking pin for BL566 chain tension rod + Split pin	02
	Trade	Hexagon head screw (TE) M16x45 UNI5739 + Washer ø17x30 UNI6592	04

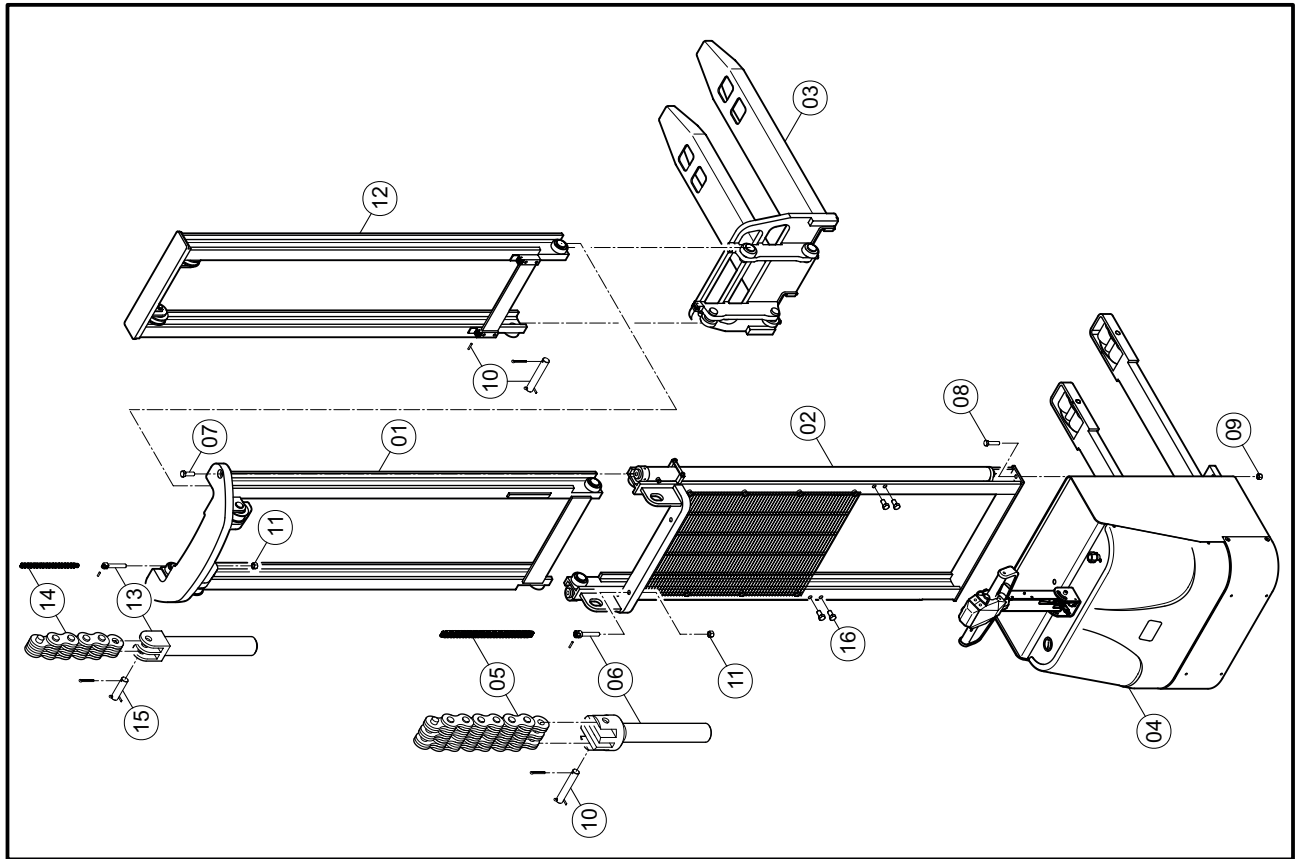


Table 02.TF.00.000.000

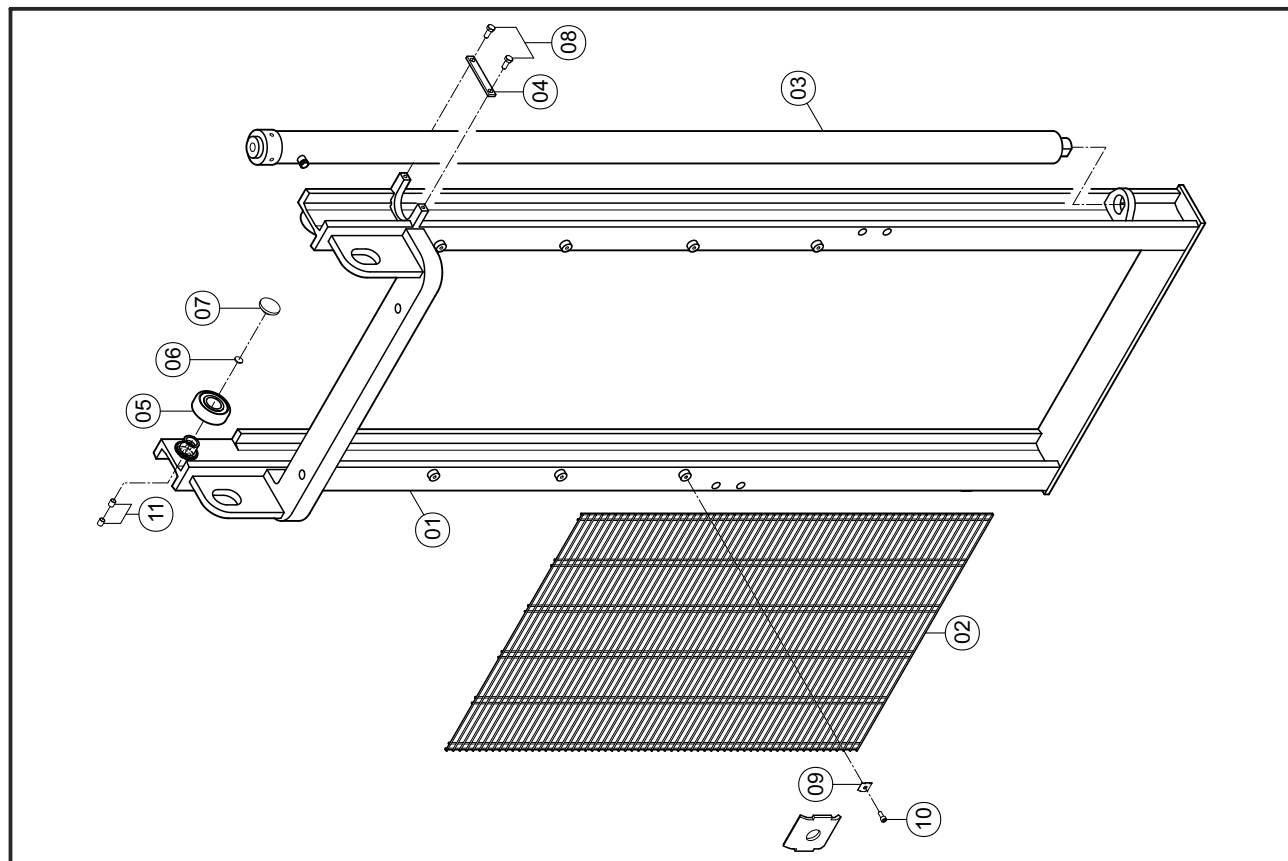
TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX fixed mast exploded view (standard version without max lifting height limit switch)

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX fixed mast	01
02	MTPL13TFR4500	TRIPLEX H=4500 - Protection net for TRIPLEX H4500	01
	MTPL13TFR5000	TRIPLEX H=5000 - Protection net for TRIPLEX H5000	01
	MTPL13TFR5500	TRIPLEX H=5500 - Protection net for TRIPLEX H5500	01
03	CTPL13T40501470	TRIPLEX H=4500 - TRIPLEX H4500 Single-acting oleo-dynamic cylinder	02
	CTPL13T40501636	TRIPLEX H=5000 - TRIPLEX H5000 Single-acting oleo-dynamic cylinder	02
	CTPL13T40501802	TRIPLEX H=5500 - TRIPLEX H5500 Single-acting oleo-dynamic cylinder	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8×20 UNI5931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6×16 UNI5931	(*)
11	Trade	Slotted set screw M10×12 UNI5923	04

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

- For lifting height H= 4,5 - 5,0 U.Q. = 8 pcs.
- For lifting height H= 5,5 U.Q. = 12 pcs.



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 02.TF.FC.000.000

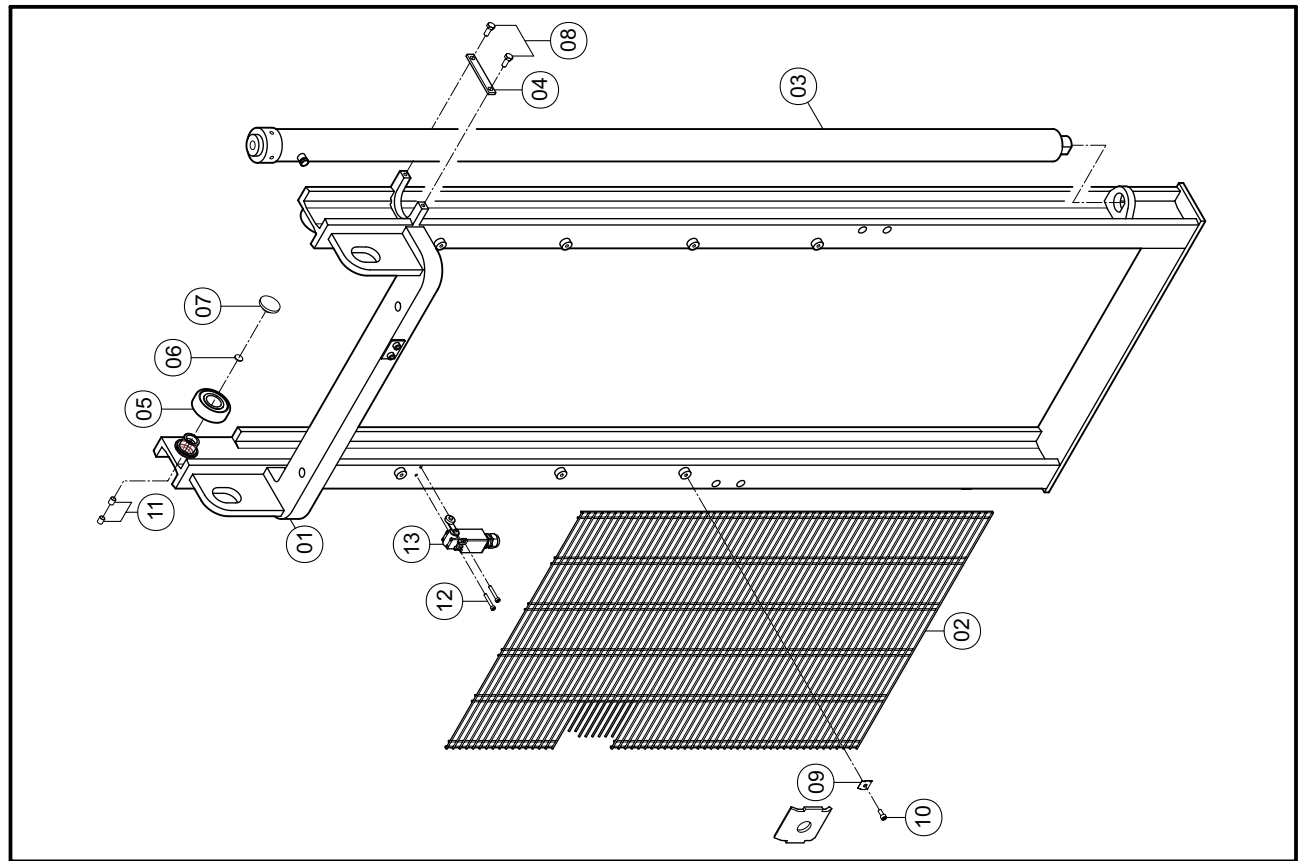
TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX fixed mast exploded view (with max lifting height limit switch optional)

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX fixed mast	01
02	MTPL13TFR4500	TRIPLEX H=4500 - Protection net for TRIPLEX H4500	01
	MTPL13TFR5000	TRIPLEX H=5000 - Protection net for TRIPLEX H5000	01
	MTPL13TFR5500	TRIPLEX H=5500 - Protection net for TRIPLEX H5500	01
03	CTPL13T40501470	TRIPLEX H=4500 - TRIPLEX H4500 Single-acting oleo-dynamic cylinder	02
	CTPL13T40501636	TRIPLEX H=5000 - TRIPLEX H5000 Single-acting oleo-dynamic cylinder	02
	CTPL13T40501802	TRIPLEX H=5500 - TRIPLEX H5500 Single-acting oleo-dynamic cylinder	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8×20 UN15931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6×16 UN15931	(*)
11	Trade	Slotted set screw M10×12 UN15923	04
12	FR531	Max lifting limit switch	01
13	Trade	Hexagon socket head cap screw (TCEI) M5×35 UN15931	02

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

- For lifting height H= 4,5 - 5,0 U.Q.= 8 pcs.
- For lifting height H= 5,5 U.Q.= 12 pcs.



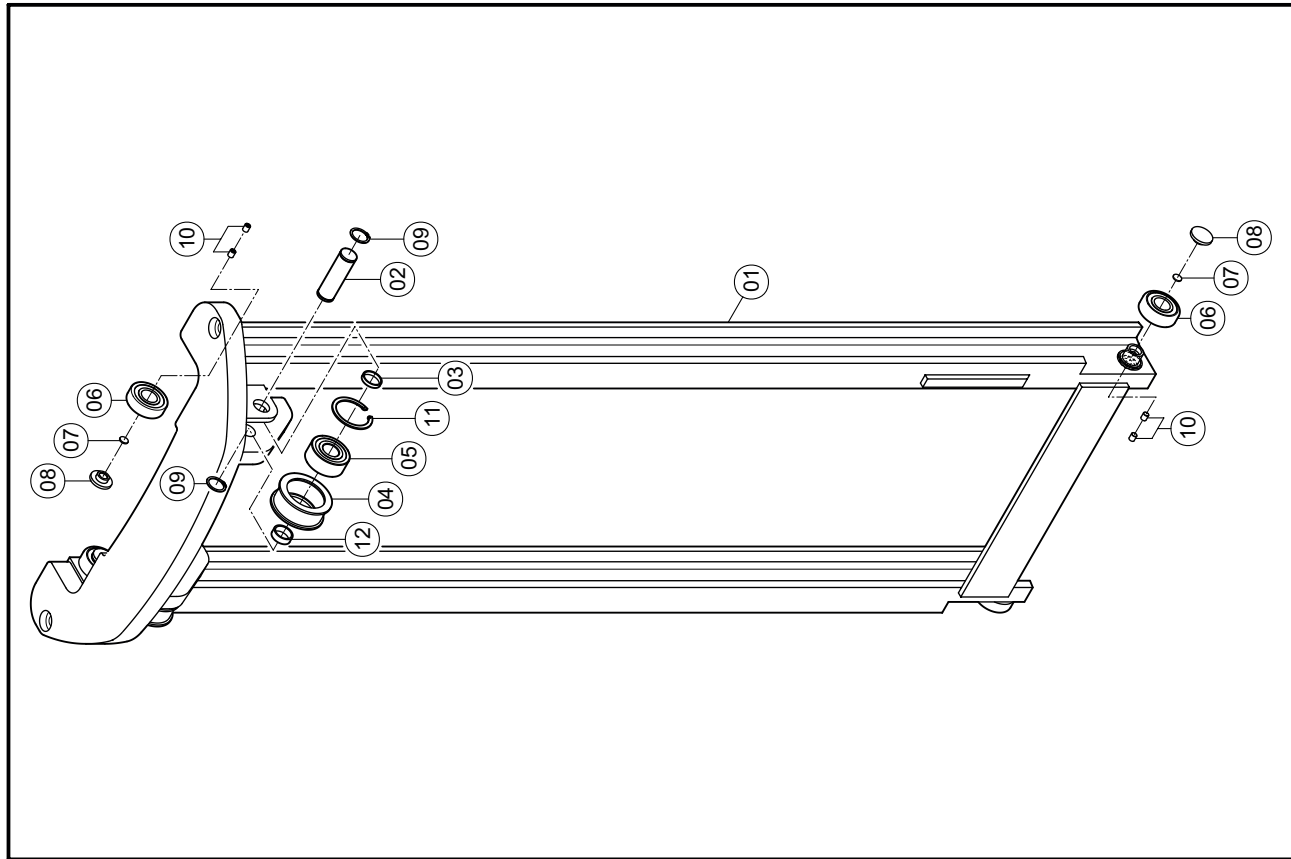
ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 03. T1.00.000.000

TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX first mobile mast exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX first mobile mast	01
02	MT022.T	First mobile mast chain pulley pin	02
03	MT052.T	Pulley spacer L=6,5	02
04	MT062.T	BL566 Chain pulley	02
05	3306 A-2RS 1	Radial bearing with 2 crowns of balls $\phi 30 \times \phi 72 \times 30,2$	02
06	MRS901	PL13 & PL16 - Ball bearing $\phi 70$	04
	MRS908	PL20 - Ball bearing $\phi 78$	04
07	AS 3005PS	Small disk for adjustable sliding block	04
08	10002.102	Adjustable sliding block	04
09	Trade	Retaining ring for shafts $\phi 30$ UNI7435	04
10	Trade	Slotted set screw M10x12 UNI5923	04
11	Trade	Retaining ring for bores $\phi 72$ UNI7437	02
12	MT053.T	Pulley spacer L=11,5	02



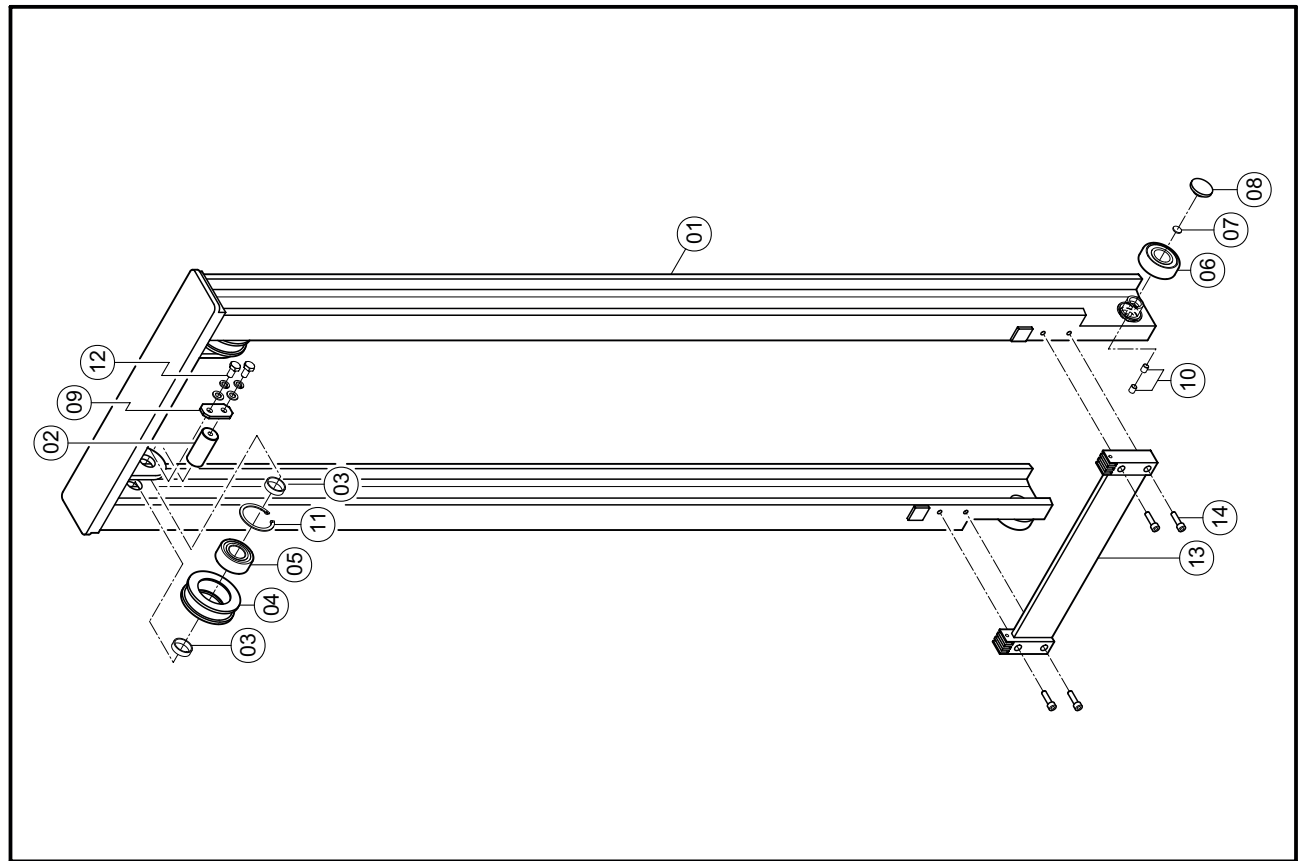
ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 04.T2.00.000.000

TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX second mobile mast exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX second mobile mast	01
02	MT028.T	Second mobile mast chain pulley pin	02
03	MT081.T	PL13 & PL16 - Pulley spacer L=9,5	02
04	MT052.T	PL20 - Pulley spacer L=6,5	02
05	MT051.T	PL13 & PL16 - BL534 chain pulley	02
06	MT062.T	PL20 - BL566 chain pulley	02
07	3206 A-2RS 1	PL13 & PL16 - Radial bearing with 2 crowns of ball $\phi 30 \times \phi 62 \times 23,8$	02
08	3306 A-2RS 1	PL20 - Radial bearing with 2 crowns of balls $\phi 30 \times \phi 72 \times 30,2$	02
09	MRS901	PL13 & PL16 - Ball bearing $\phi 70$	02
10	MRS908	PL20 - Ball bearing $\phi 78$	02
11	AS.3005PS	Small disk for adjustable sliding block	02
12	10002.102	Adjustable sliding block	02
13	MT029	Plastrina di bloccaggio perno carrucola 2° montante mobile	02
14	Trade	Slotted set screw M10x12 UNI5923	04
	Trade	PL13 & PL16 - Retaining ring for bores $\phi 62$ UNI7437	02
	Trade	PL20 - Retaining ring for bores $\phi 72$ UNI7437	02
	Trade	Hexagon head screw (TE) M10x20 UNI5739+ Washer $\phi 10,5$ UNI6592	04
	MT091	Second mobile mast screwed support	01
	Trade	Hexagon socket head cap screw (TCEI) M8x30 UNI5931	04



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT



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Table 05.TX.00.000.000
TRIPLEX PL13 - PL16 - PL20 SERIES
TRIPLEX forks exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX forks	.01
03	10002.102	Adjustable sliding block for the bearing drive assembly	.04
04	AS.3005PS	Small disk for adjustable sliding block	.04
05	MRS901	PL13 & PL16 - Ball bearing $\varnothing 70$	.04
	MRS908	PL20 - Ball bearing $\varnothing 78$	.04
06	Trade	Slotted set screw M10x12 UNI5923	.08
08	18112P	Hooking pin for chain + Split pin	.02

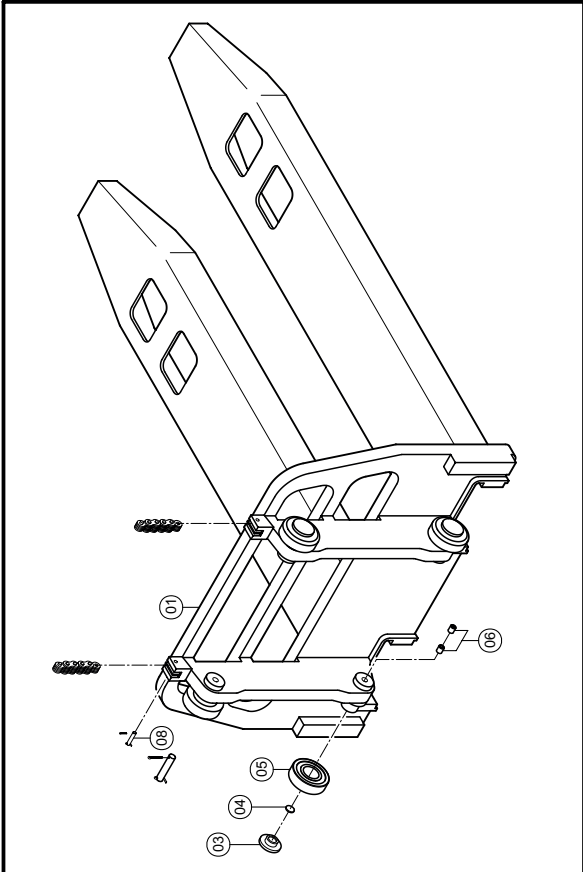
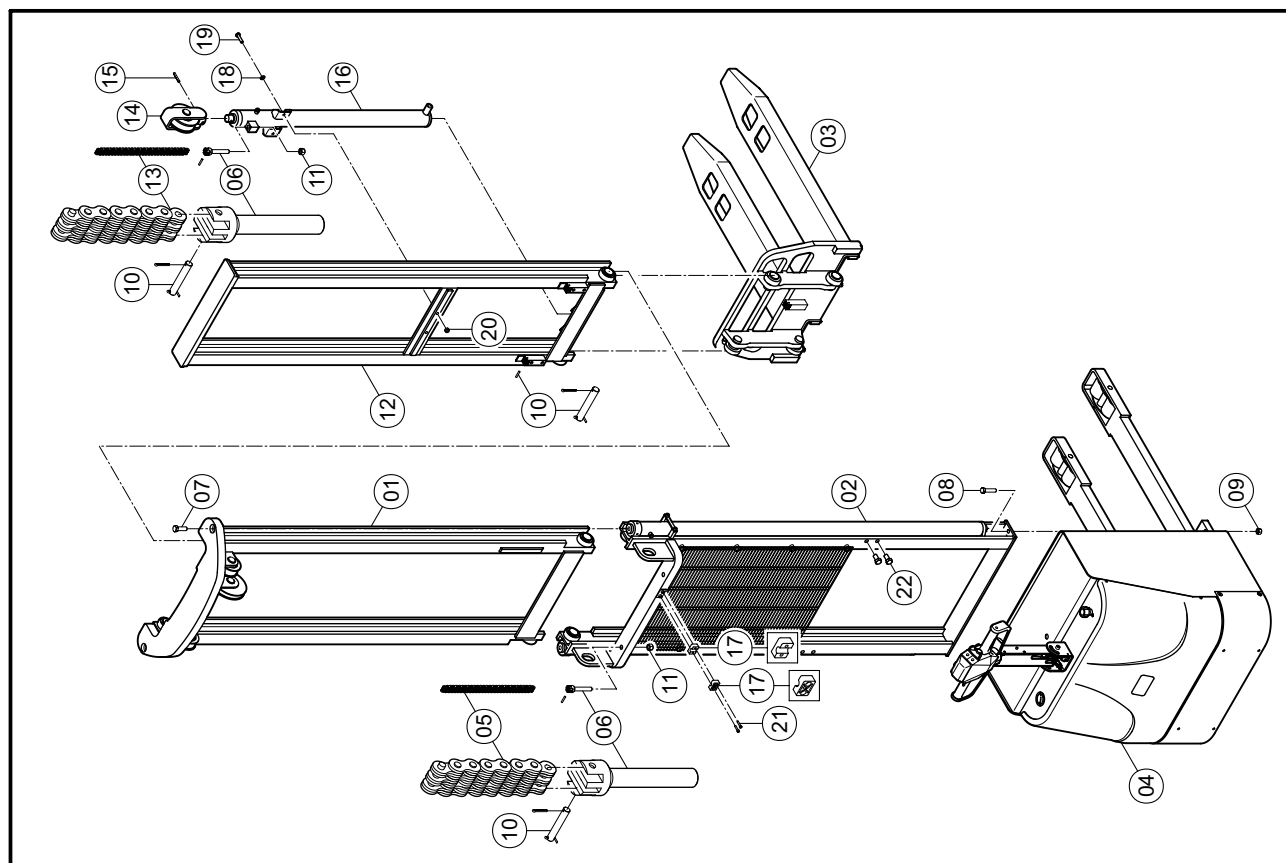


Table 01.TX.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL pallet stacker general exploded view



POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL first mobile mast assembly	.01
02		TRIPLEX GAL fixed mast assembly	.01
03		Forks assembly	.01
04		Chassis assembly	.01
05		FLYER BL566 chain	.02
06	Trade	Chain stretcher for BL566 chain	.02
07	CTT30125566.T		
08	Trade	Hexagon head screw (TE) M16x40 UNI5739 + Washer ø17x30 UNI6592	.02
09	Trade	Hexagon head screw (TE) M14x55 UNI5739 + Washer ø15x28 UNI6592	.02
10	Trade	Self-locking nut M16 DIN985	.02
11	18112P	Hooking pin for BL566 chain tension rod + Split pin	.02
12	Trade	Self-locking nut M16 DIN985	.02
13		TRIPLEX GAL second mobile mast assembly	.01
14	Trade	FLYER BL566 chain	.02
15	MT131	TRIPLEX GAL pulley support assembly	.01
16	Trade	Spring pin ø8x40 UNI6873	.01
17	CLPL13TG4060735	TRIPLEX GAL H=4500 - Single-acting oleo-dynamic cylinder for TRIPLEX GAL H=4500	.01
18	CLPL13TG4060818	TRIPLEX GAL H=5000 - Single-acting oleo-dynamic cylinder for TRIPLEX GAL H=5000	.01
19	CLPL13TG4060901	TRIPLEX GAL H=5500 - Single-acting oleo-dynamic cylinder for TRIPLEX GAL H=5500	.01
20	MT143	Block to fix the oleo-dynamic pipe	.02
21	Trade	Washer ø10,5x20 UNI6592	.02
22	Trade	Hexagon head screw (TE) M10x40 UNI5739	.02
	Trade	Self-locking nut M10 DIN985	.02
	Trade	Hexagon socket head cap screw (TCE) M6x25 UNI5931	.02
	Trade	Hexagon head screw (TE) M16x45 UNI5739 + Washer ø17x30 UNI6592	.04

Table 02.TF.00.GAL.000

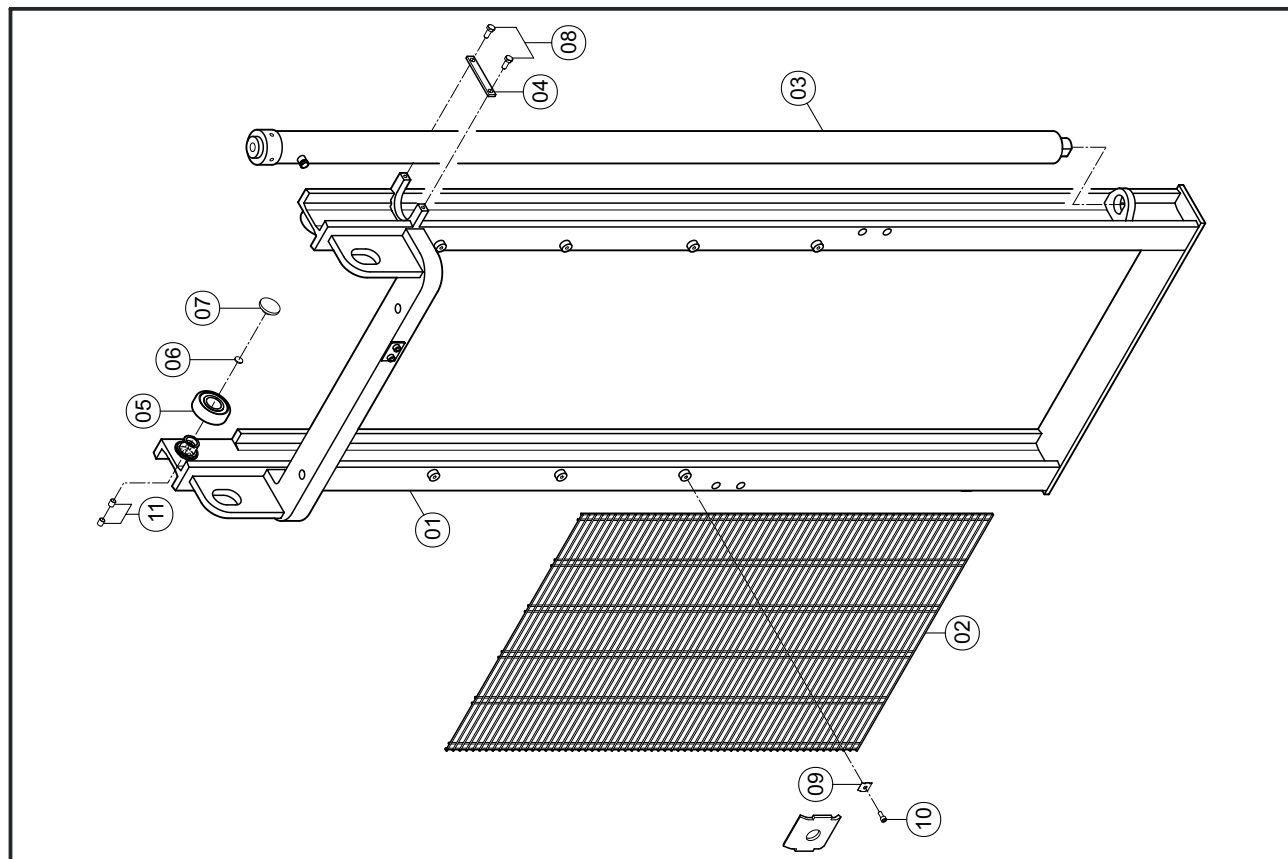
TRIPLEX GAL PL13 - PL16 - PL20 SERIES

TRIPLEX GAL fixed mast exploded view (standard version without max lifting height limit switch)

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL fixed mast	01
02	MTPL13TFR4500	TRIPLEX H=4500 - Protection net for TRIPLEX H4500	01
	MTPL13TFR5000	TRIPLEX H=5000 - Protection net for TRIPLEX H5000	01
	MTPL13TFR5500	TRIPLEX H=5500 - Protection net for TRIPLEX H5500	01
03	CTPL13TG40501470	TRIPLEX GAL H=4500 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H4500	02
	CTPL13TG40501636	TRIPLEX GAL H=5000 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H5000	02
	CTPL13TG40501802	TRIPLEX GAL H=5500 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H5500	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8×20 UN15931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6×16 UN15931	(*)
11	Trade	Slotted set screw M10×12 UN15923	04

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

- For lifting height H= 4,5 - 5,0 U.Q.= 8pcs.
- For lifting height H= 5,5 U.Q.= 12pcs.



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 02.TF.FC.GAL.000

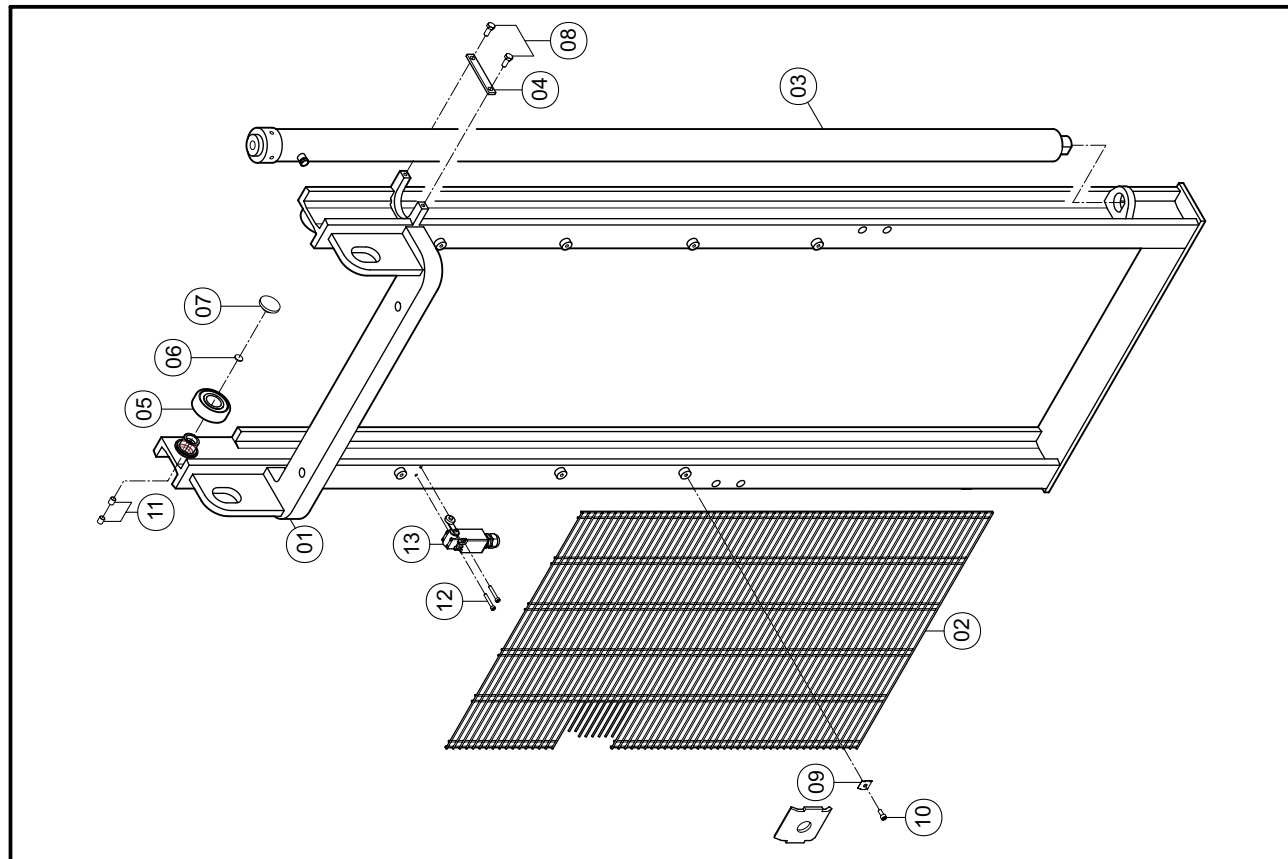
TRIPLEX GAL PL13 - PL16 - PL20 SERIES

TRIPLEX GAL fixed mast exploded view (with max lifting height limit switch optional)

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL fixed mast	01
02	MTPL13TFR4500	TRIPLEX H=4500 - Protection net for TRIPLEX H4500	01
	MTPL13TFR5000	TRIPLEX H=5000 - Protection net for TRIPLEX H5000	01
	MTPL13TFR5500	TRIPLEX H=5500 - Protection net for TRIPLEX H5500	01
03	CTPL13TG40501470	TRIPLEX GAL H=4500 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H4500	02
	CTPL13TG40501636	TRIPLEX GAL H=5000 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H5000	02
	CTPL13TG40501802	TRIPLEX GAL H=5500 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H5500	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8×20 UNI5931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6×16 UNI5931	(*)
11	Trade	Slotted set screw M10×12 UNI5923	04
12	FR531	Max lifting height limit switch	01
13	Trade	Hexagon socket head cap screw (TCEI) M5×35 UNI5931	02

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

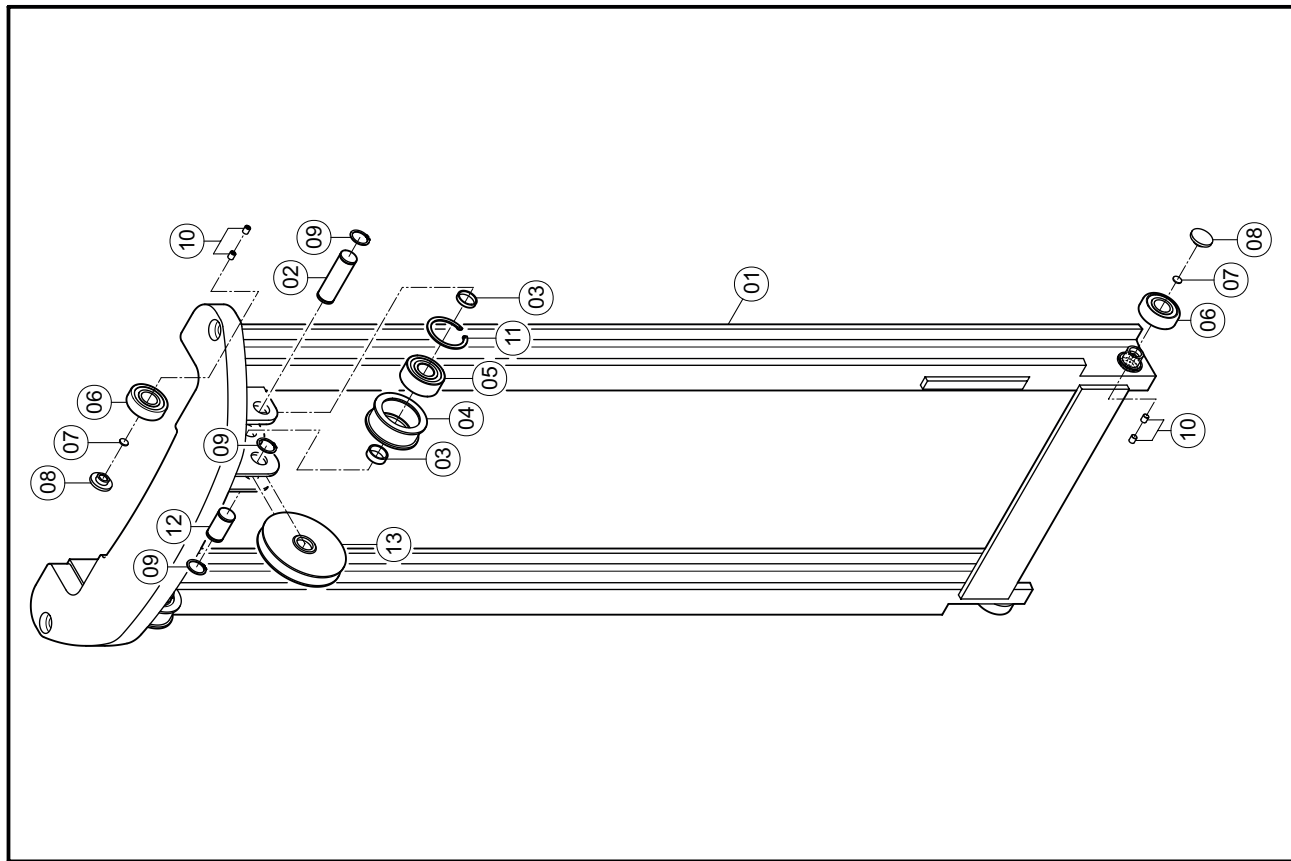
- For lifting height H= 4,5 - 5,0 U.Q.= 8 pcs.
- For lifting height H= 5,5 U.Q.= 12 pcs.



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 03.T1.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL first mobile mast exploded view

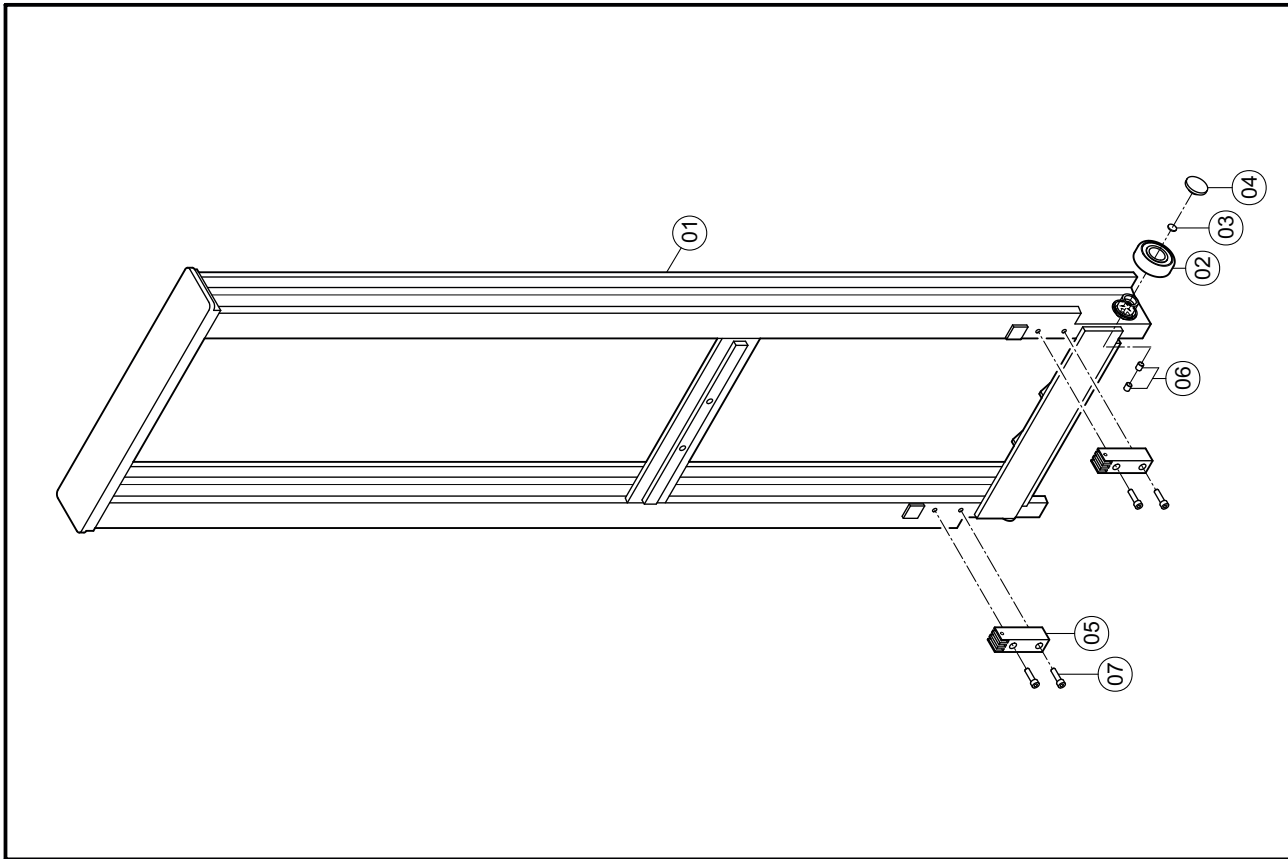
POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL first mobile mast	01
02	MT022.T	First mobile mast chain pulley pin	02
03	MT052.T	Pulley spacer L=6,5	04
04	MT062.T	BL566 Chain pulley	02
05	3306 A-2RS 1	Radial bearing with 2 crown of ball $\phi 30 \times \phi 72 \times 30,2$	02
06	MRS901	PL13 & PL16 - Ball bearing $\phi 70$	04
	MRS908	PL20 - Ball bearing $\phi 78$	04
07	AS 3005PS	Small disk for adjustable sliding block	04
08	10002.102	Adjustable sliding block	04
09	Trade	Retaining ring for shafts $\phi 30$ UNI7435	06
10	Trade	Slotted set screw M10x12 UNI5923	04
11	Trade	Retaining ring for bores for $\phi 72$ UNI7437	02
12	MT120.T	TRIPLEX GAL Pulley pin of oleo-dynamic pipe	01
13	MT127.T	TRIPLEX GAL oleo-dynamic pipe pulley	01



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 04.T2.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL second mobile mast exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL second mobile mast	01
02	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
03	AS.3005PS	Small disk for adjustable sliding block	02
04	10002.102	Adjustable sliding block	02
05	MT079.T	TRIPLEX screwed block for BL566 chain	02
06	Trade	Slotted set screw M10x12 UNI5923	04
07	Trade	Hexagon socket head cap screw (TCEI) M8x30 UNI5931	04



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT



Pegasolift

Table 05.TX.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL forks exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL forks	01
03	10002.102	Adjustable sliding block the bearing drive assembly	04
04	AS.3005PS	Small disk for adjustable sliding block	04
05	MRS901	PL13 & PL16 - Ball bearing ø70	04
	MRS908	PL20 - Ball bearing ø78	04
06	Trade	Slotted set screw M10x12 UNI5923	08
08	18112P	Hooking pin for chain + Split pin	02

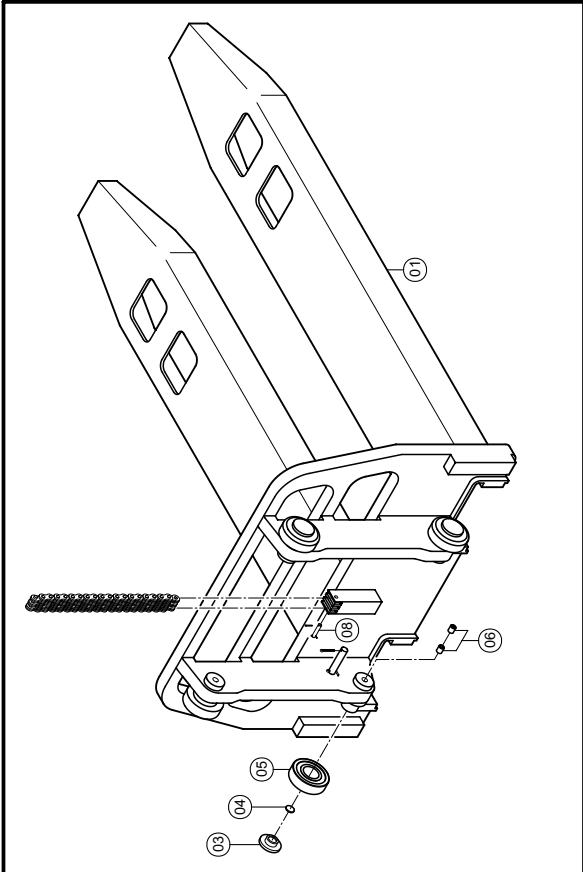




Table 06.TX.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL pulley support exploded view

POS.	CODE	DESCRIPTION	U.Q.
01	MT0125	TRIPLEX GAL mast pulley support	01
02	Trade	Retaining ring for shafts ø30 UNI7435	02
03	ECO044.T	Pulley pin 01	
04	MT081.T	Pulley spacer L=9,5	02
05	MT062.T	BL566 Chain pulley	01
06	3306A-2RS 1	Radial bearing with 2 crowns ø30xø72x30,2	01
07	Trade	Retaining ring for bores ø72 UNI7437	01

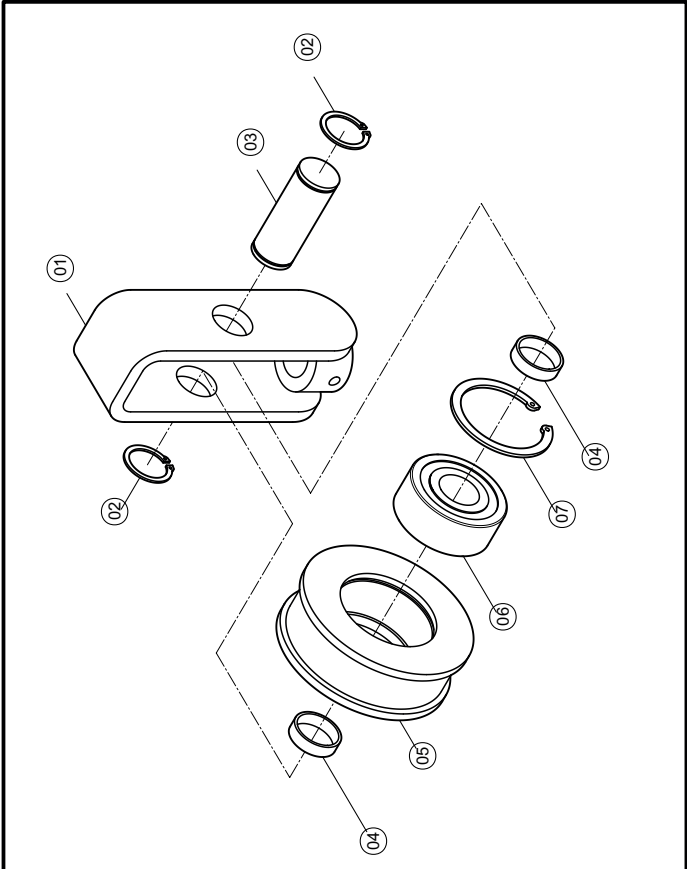


Table 07.00.00.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Chassis exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Chassis.....	01
02	PDPL024	Battery cover.....	01
03	506076-0	Battery (indicate capacity in Ah).....	01
04	CS131	Rear cover.....	01
05		Oleo-dynamic power unit.....	01
06	CS138	PL13 - Rear lower plate.....	01
07	CS132	PL16 & PL20 - Rear lower plate.....	01
08	08080200	Switch for the battery disconnection mod. (GC/175-P).....	01
09	7321	Castor wheel assembly.....	01
10	0702	E70 Heavy support.....	01
11	7019	Z ø150x50 series wheel.....	01
12	CS022.T	PL13 - Pin.....	02
13	CS019.T	PL16 & PL20 - Pin.....	02
14	CS122	PL13 - Front rollers assembly.....	02
15	CS108	PL16 & PL20 - Front rollers assembly.....	02
16	1533	PL13 - Z ø80x70 roller.....	04
17	1531	PL16 & PL20 - Z ø85x90 roller.....	04
18	CS023.T	PL13 - Pin of the roller.....	04
19	CS020.T	PL16 & PL20 - Pin of the roller.....	04
20	CS109	Stirrup to fix SB175 connector.....	01
21	SB175A	Plug battery charger connector SB175.....	01
22	Trade	Hexagon socket head cap screw (TCE) M6x16 UNI5931.....	04
23	Trade	Cross recessed cheese-headed screw M3x25 UNI7987.....	02
24	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
25	Trade	Hexagon socket button head screw (TBE) M6x20 UNI7380 + Washer ø6,4x12,5 UNI5692.....	04
26	Trade	Hexagon socket countersunk head cap screw (TSPEI) M10x20 UNI5933.....	04
27	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592 + Self-locking nut M10 DIN985.....	04
28	Trade	Retaining ring for shafts ø20 UNI7435.....	08
		Spring pin ø5x24 UNI6874.....	02
		Washer ø21x37 UNI6592.....	08
		Bumper.....	02
		Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
		Horn.....	01
		Hexagon socket countersunk head cap screw (TSPEI) M6x25 UNI5933 + Self-locking nut M6 DIN985.....	02
		Hexagon socket head cap screw (TCE) M8x20 UNI5931 + Washer ø8,4x16 UNI6592.....	01

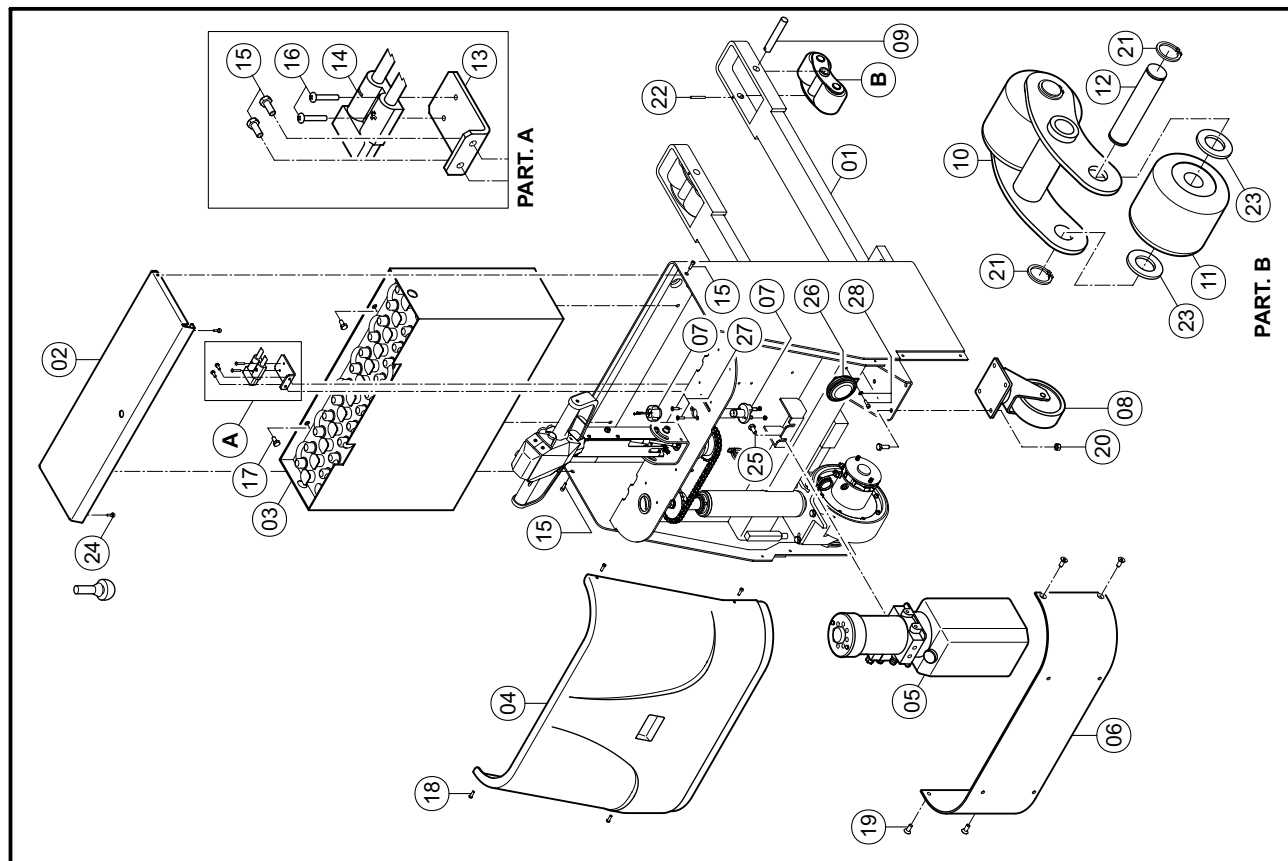


Table 07.00.DC.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Chassis exploded view with double manual lifting control

POS.	CODE	DESCRIPTION	U.Q.
01		Chassis.....	01
02	PDPL024	Battery cover.....	01
03	506076-0	Battery (indicate capacity in Ah).....	01
04	CS131	Rear cover.....	01
05		Oleo-dynamic power unit.....	01
06	CS138	PL13 - Rear lower plate.....	01
07	CS132	PL16 & PL20 - Rear lower plate.....	01
08	08080200	Switch for the battery disconnection mod. (GC/175-P).....	01
09	7321	Castor wheel assembly.....	01
10	0702	E70 Heavy support.....	01
11	7019	Z ø150x50 series wheel.....	01
12	CS022.T	PL13 - Pin.....	02
13	CS019.T	PL16 & PL20 - Pin.....	02
14	CS122	PL13 - Front rollers assembly.....	02
15	CS108	PL16 & PL20 - Front rollers assembly.....	02
16	1533	PL13 - Z ø80x70 Roller.....	04
17	1531	PL16 & PL20 - Z ø85x90 Roller.....	04
18	CS023.T	PL13 - Pin of the roller.....	04
19	CS020.T	PL16 & PL20 - Pin of the roller.....	04
20	CS109	Stirrup to fix SB175 connector.....	01
21	SB175A	Plug battery charger connectors SB175.....	01
22	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931.....	04
23	Trade	Cross recessed cheese-headed screw M3x25 UNI7987.....	02
24	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
25	Trade	Hexagon socket button head screw (TBEI) M6x20 UNI7380 + Washer ø6,4x12,5 UNI5692.....	04
26	Trade	Hexagon socket countersunk head cap screw TSPEI M10x20 UNI5933.....	04
27	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592 + Self-locking nut M10 DIN985.....	04
28	Trade	Retaining ring for shafts ø20 UNI7435.....	08
29	Trade	Spring pin ø5x24 UNI6874.....	02
30	Trade	Washer ø21x37 UNI6592.....	08
31	Trade	Bumper.....	02
32	725002	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
33	AL01/M8X200	Double manual lifting control.....	01
34	CS200	Double manual lifting control support stirrup.....	01
35	OLD CM	Double manual lifting control valve.....	01
36	Trade	Spring lock washer ø8,4x14,4 UNI1751-A.....	02
	Trade	Washer ø8,4x16 UNI6592.....	02
	Trade	Hexagon socket head cap screw (TCEI) M6x45 UNI5931.....	02
	Trade	Self-locking nut M6 DIN985.....	02
	9213	Horn.....	01
	Trade	Hexagon socket head cap screw (TSPEI) M6x25 UNI5933 + Self-locking nut M6 DIN985.....	02
	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931 + Washer ø8,4x16 UNI6592.....	01
	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931.....	02

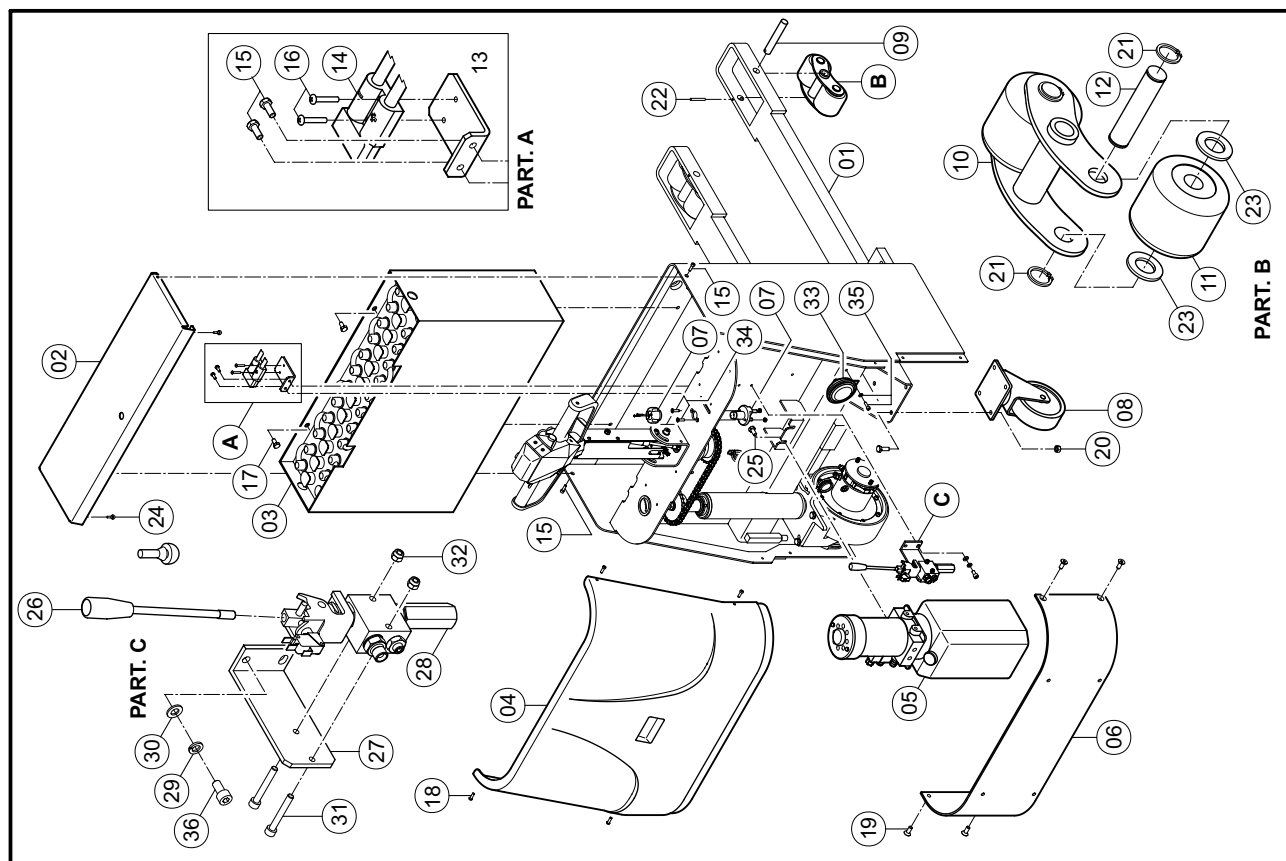


Table 08.00.00.000.000

SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES

Standard steering exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Standard tiller arm	01
03	Trade	Hexagon head screw (TE) M14x40 UNI5739 + Nut M14 UNI5588	01
04		Electronic controller TRTP MOS MICRO EKO 200.4 24V	01
05	21.098.000	Clamp with rubber for ø6 screw and Ø30 pipe	01
06	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	01
09	32008AV	Nilos	02
10	9227	Battery charge indicator	01
11	EL090	OPTIONAL - Battery charge indicator with lift-block and hour counter	01
12	9227/STF	Stirrup to fix the battery charge indicator (only spare part with item n° 37)	01
13	9227/BF	Threaded bush for battery charge indicator (only spare part with item n° 37)	02
15	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	04
17	CS119	Tiller bearing support	01
18	CS151	Steering column for R250MC traction wheel	01
19	EL010	PL13 - R250MC 24V 1200W Series-excited traction wheel	01
20	EL010	PL16 & PL20 - R250MC 24V 1400W Series-excited traction wheel	01
21	GT3-665-5MGT-25	Cog belt	01
22	6008-2RS1	Radial ball bearing ø40xØ68x15	02
23	32008X/Q	Taper roller bearing ø40xØ68x16	02
26	21.021.000	Clamp with rubber for ø6 screw and Ø6 pipe	01
27	21.098.000	Clamp with rubber for ø6 screw and Ø30 pipe	01
28	PFT35TF	Y support ø35 with slotted set screws consist of	01
29	Trade	Retaining ring for shafts ø40 UNI7435	01
30	Trade	Retaining ring for shafts ø38 UNI7435	01
31	Trade	Hexagon head screw (TE) M10x40 UNI5739 + Spring lock washer ø10,5x17,5 UNI1751-A + Washer ø10,5x20 UNI659202	01
32	Trade	Hexagon head screw (TE) M14x60 UNI5739 + Spring lock washer ø14,2x24,1 UNI1751-A + Washer ø15x28 UNI6592	01
33	Trade	Slotted round nut M40x1,5	01
34	Trade	Self-locking nut M6 DIN985	01
35	Trade	Hexagon socket head cap screw (TCEI) M6x20 UNI5931	01
36	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592	04
37	CS219	Cross recessed cheese-headed screw M5x10 UNI7687 + Washer ø5,3x10 UNI6592	01
38	CS189	Sprocket 1/2"x5/16" with Ø14 hole	01
39	CS189	Steering chain 12"x5/16"	01
40	CS193	Sprocket 1/2"x5/16" with Ø38 hole and woodruff key gap	01
	Trade	Woodruff key 10x8x25 UNI6604-A	01

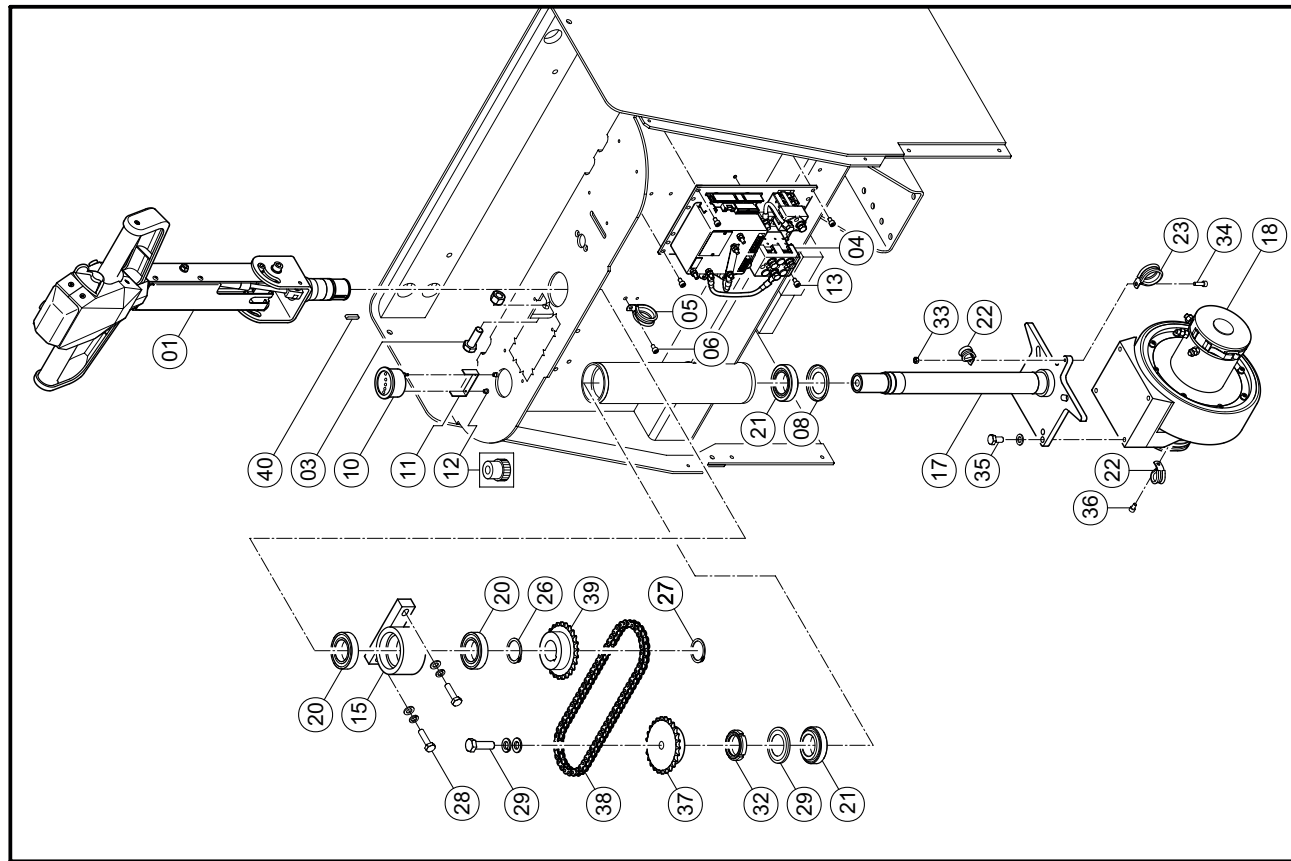


Table 09.00.00.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Standard tiller arm exploded view

POS.	CODE	DESCRIPTION	U.Q.
01	EL030	Tiller head.....	.01
02	CS130	Tiller arm.....	.01
03	CS032.T	Tiller arm pin.....	.01
04	CS118	Tiller arm fork.....	.01
05	CS043	Tiller arm cover.....	.01
06	CS042	GAS spring S=300, C=90 e L=252.....	.01
07		M8 Pin (only spare part with item n.06).....	.02
08		Gas spring head (only spare part with item n.06).....	.02
09	V5B010CB3D	Tiller arm micro-switch.....	.01
10	Trade	Hexagon socket button head screw (TBE) M6×20 UNI7380.....	.01
11	Trade	Washer ø6,4×12 UNI6592.....	.01
12	21.025.000	Clamp with rubber for ø6 screw and ø14 pipe.....	.01
13	Trade	Self-locking nut M6 DIN985.....	.03
14	Trade	Cross recessed pan head lapping screw ø4,8×13 UNI6954.....	.04
15	Trade	Washer ø10,5×20 UNI6592.....	.05
16	Trade	Nut M8 UNI5589.....	.02
17	202316.5	PTFE composed bush.....	.02
18	Trade	Hexagon socket head cap screw (TCE) M10×16 UNI5931.....	.02
19	Trade	Hexagon socket head cap screw (TCE) M10×25 UNI5931.....	.02
20	Trade	Washer ø10,5×20 UNI6592.....	.02
21	Trade	Cross recessed cheese-headed screw M3×25 UNI7687.....	.02
22	Trade	Nut M3 UNI5588.....	.02
23	Trade	Hexagon socket head cap screw (TCE) M6×20 UNI5931.....	.02

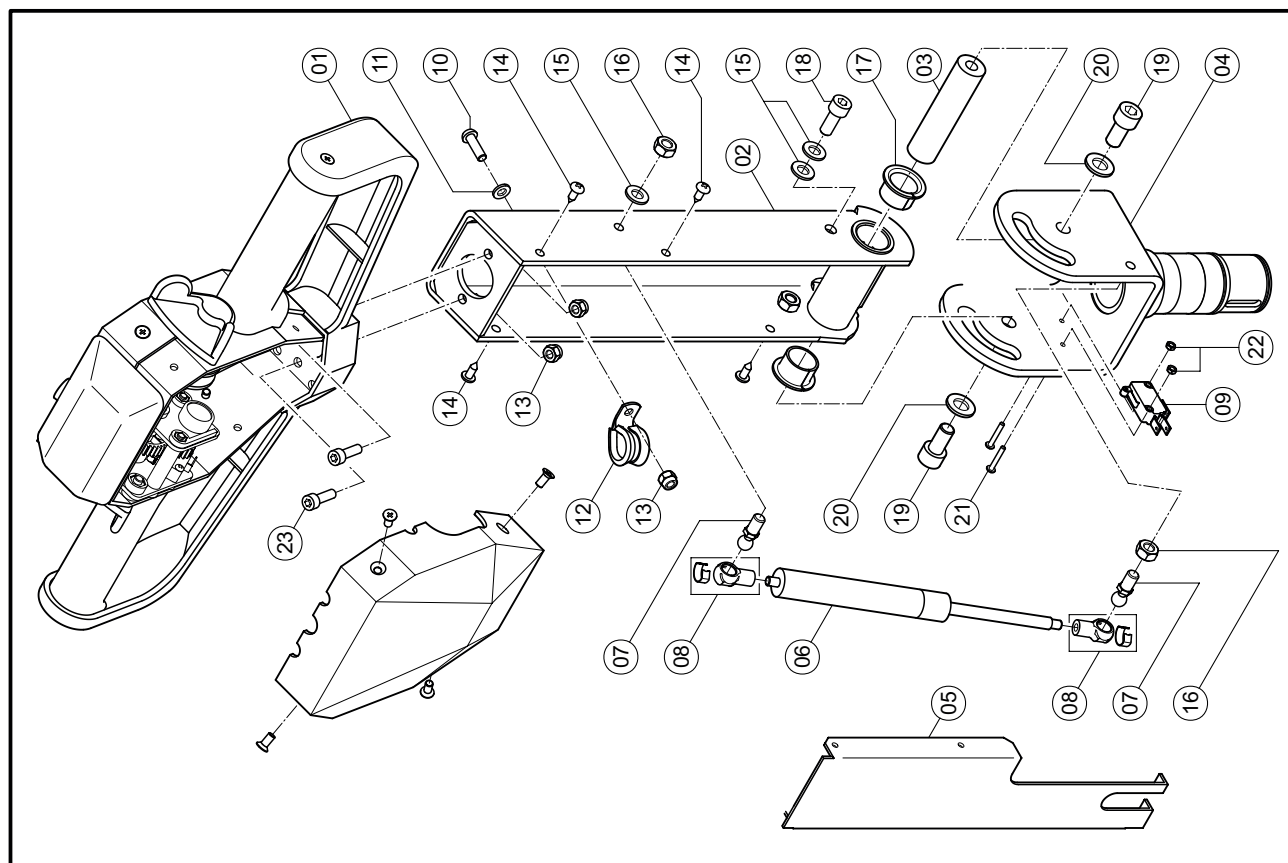
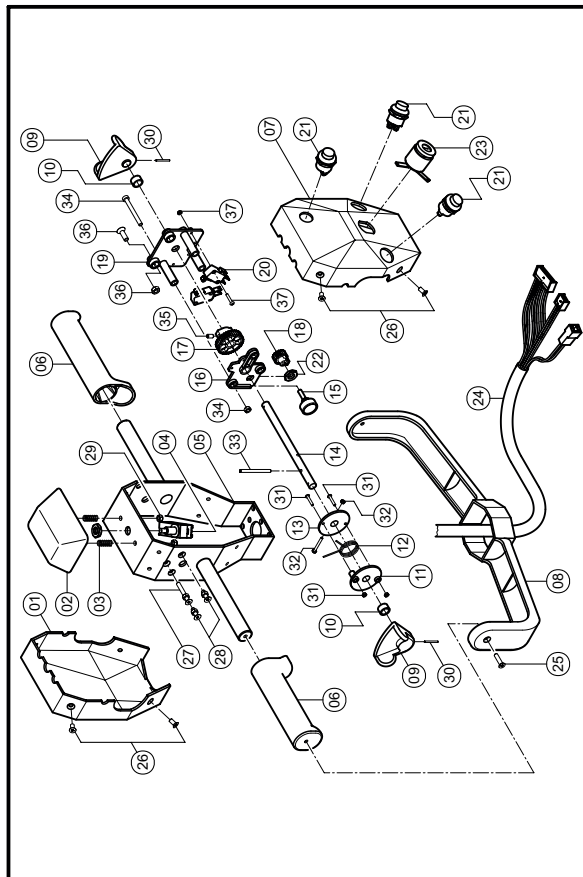


Table 10.00.00.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Cod. EL030 - Tiller head exploded view



POS.	CODE	DESCRIPTION	U.Q.
01		Tiller shell without holes	01
02	5002160	Safety travel direction button	01
03	5002156	Safety travel direction button spring	02
04	5002170	Micro switch for safety/travel direction button	01
05		Iron frame 01	
06		Plastic hand grip	02
07		Tiller shell with holes	01
08		Hands protection	01
09	5002164	Butterfly control buttons for direction and speed	02
10		Spacer ø 10 02	
11		Spring holder assembly (female)	01
12		Twist spring 01	
13		Spring holder assembly (male)	01
14	5002161	Driven shaft 01	01
15	5002168	Potentiometer 20kohm central zero	01
16		Potentiometer support	01
17	5002165	Main gear 01	01
18	5002166	Potentiometer gear z=15	01
19		Start micro-switch support	01
20	5002172	Start micro-switch AH-71558	02
21	5002163	Lift/lower/horn button	03
22	Trade	Nut M8 UNI5590	01
23	5002162	Key switch 01	
24		Tiller cable 01	
25	Trade	Recessed countersunk head screw M5x20 UNI7688	02
26	Trade	Recessed countersunk head screw M5x20 UNI7688	08
27	Trade	Hexagon socket countersunk head cap screw	
(TSPE) M5x40 UNI5933 + Spring lock washer ø5,3x10 UNI1751-A + Nut M5 UNI5588			01
28	Trade	Hexagon socket countersunk head cap screw	
(TSPE) M5x16 UNI5933 + Spring lock washer ø5,3x10 UNI1751-A + Nut M5 UNI5588			02
29	Trade	Self-locking nut M5 DIN985	02
30	Trade	Spring pin ø3x14 UNI6874	02
31	Trade	Cross recessed cheese-headed screw M3x25 UNI7687 + Nut M3 UNI5588	02
32	Trade	Hexagon head screw (TE) M4x20 UNI5739 + Nut M4 UNI5588	01
33	Trade	Spring pin ø4x30 UNI6874	01
34	Trade	Cross recessed cheese-headed screw M5x50 UNI7687 + Nut M5 UNI5588	03
35	Trade	Slotted set screw M6x16 UNI5923	01
36	Trade	Hexagon socket countersunk head cap screw (TSPE) M6x16 UNI5933 + Nut M6 UNI5588	02
37	Trade	Cross recessed cheese-headed screw M3x25 UNI7687 + Nut M3 UNI5588	04

Table 08.00.PD.000.000

SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES

Steering exploded view (pallet stacker with platform for operator optional)

POS.	CODE	DESCRIPTION	U.Q.
01		Platform for operator tiller	01
03	Trade	Hexagon head screw (TE) M14x40 UNI5739 + Nut M14 UNI5588	01
04		Electronic controller TRTP MOS MICRO EKO 250.4 24V	01
05	21.098.000	Clamp with rubber for ø6 screw and ø30 pipe	01
06	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	01
09	32008AV	Nilos	02
10	9227	Battery charge indicator	01
11	EL090	OPTIONAL - Battery charge indicator with lift-block and hours counter	01
12	9227/STF	Stirrup to fix the battery charge indicator (only spare part with item n. 37)	01
13	9227/BF	Threaded bush for battery charge indicator (only spare part with item n. 37)	02
15	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	04
16	CS119	Tiller bearing support	01
17	CS149	Sprocket pulley HTD 36-5M-25 for steering column	01
18	CS151	Steering column for R250MC traction wheel	01
19	EL010	PL13 - R250MC 24V 1200W Series-excited traction wheel	01
20	GT3-665-5MGT-25	PL16 & PL20 - R250MC 24V 1400W Series-excited traction wheel	01
21	6008-2RS1	Cog belt	01
22	32008X/Q	Radial ball bearing ø40xø68x15	02
23	21.021.000	Tapper roller bearing ø40xø68x16	02
26	21.098.000	Clamp with rubber for ø6 screw and ø6 pipe	01
27	PFT35TF	Clamp with rubber for ø6 screw and ø30 pipe	01
28	Trade	Y support Ø35 with slotted set screws consist of:	01
29	Trade	Retaining ring for shafts ø40 UNI7435	01
32	Trade	Retaining ring for shafts ø38 UNI7435	01
33	Trade	Hexagon head screw (TE) M10x40 UNI5739 + Spring lock washer ø10,5x17,5 UNI1751-A + Washer ø10,5x20 UNI659202	01
34	Trade	Hexagon head screw (TE) M14x60 UNI5739 + Spring lock washer ø14,2x24,1 UNI1751-A + Washer ø15x28 UNI6592	01
35	Trade	Slotted round nut M40x1.5	01
36	Trade	Self-locking nut M6 DIN985	01
37	Trade	Hexagon socket head cap screw (TCEI) M6x20 UNI5931	01
38	CS219	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592	04
39	CS189	Cross recessed cheese-headed screw M5x10 UNI7687 + Washer ø5,3x10 UNI6592	01
40	Trade	Sprocket 1/2"x5/16" with Ø14 hole	01
		Steering chain 12"x5/16"	01
		Sprocket 1/2"x5/16" with Ø38 hole and woodruff key gap	01
		Woodruff key 10x8x25 UNI6604-A	01

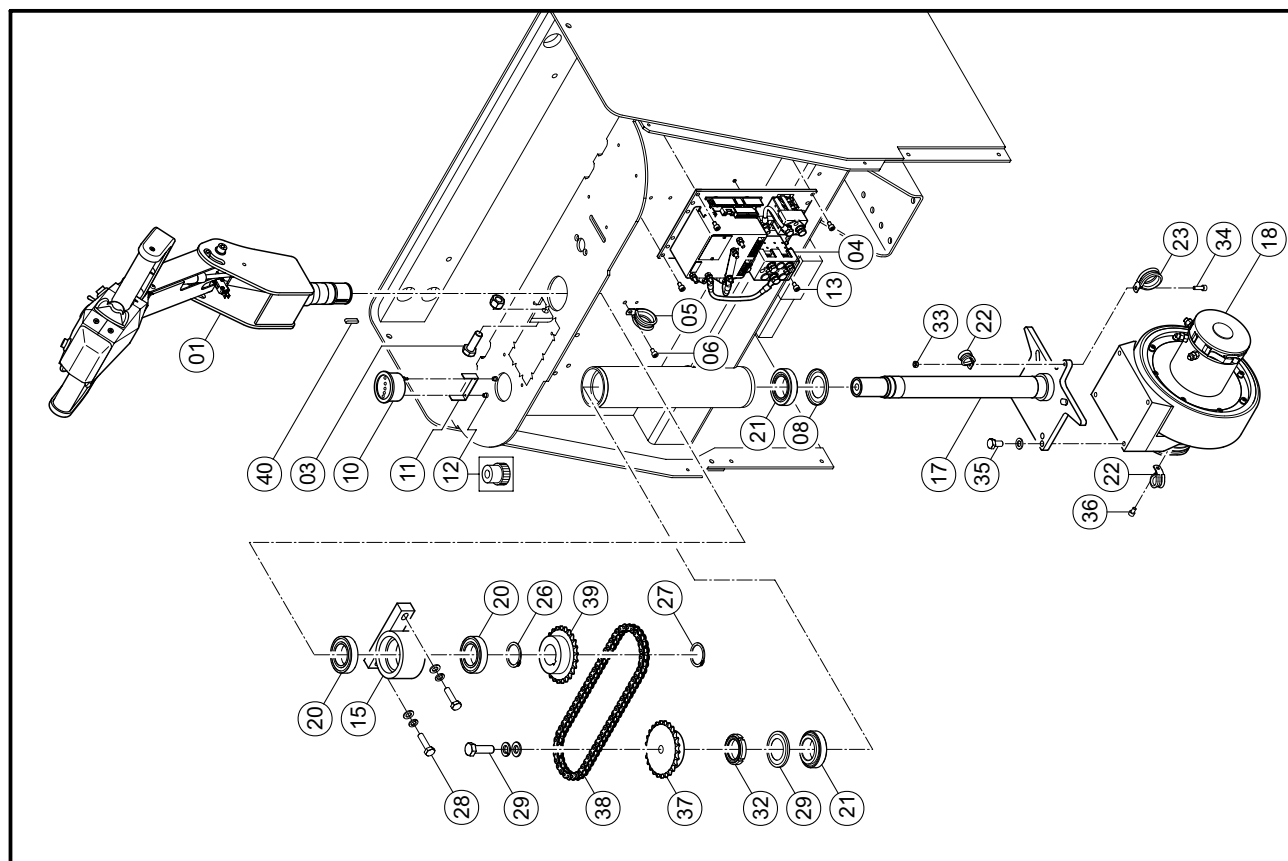
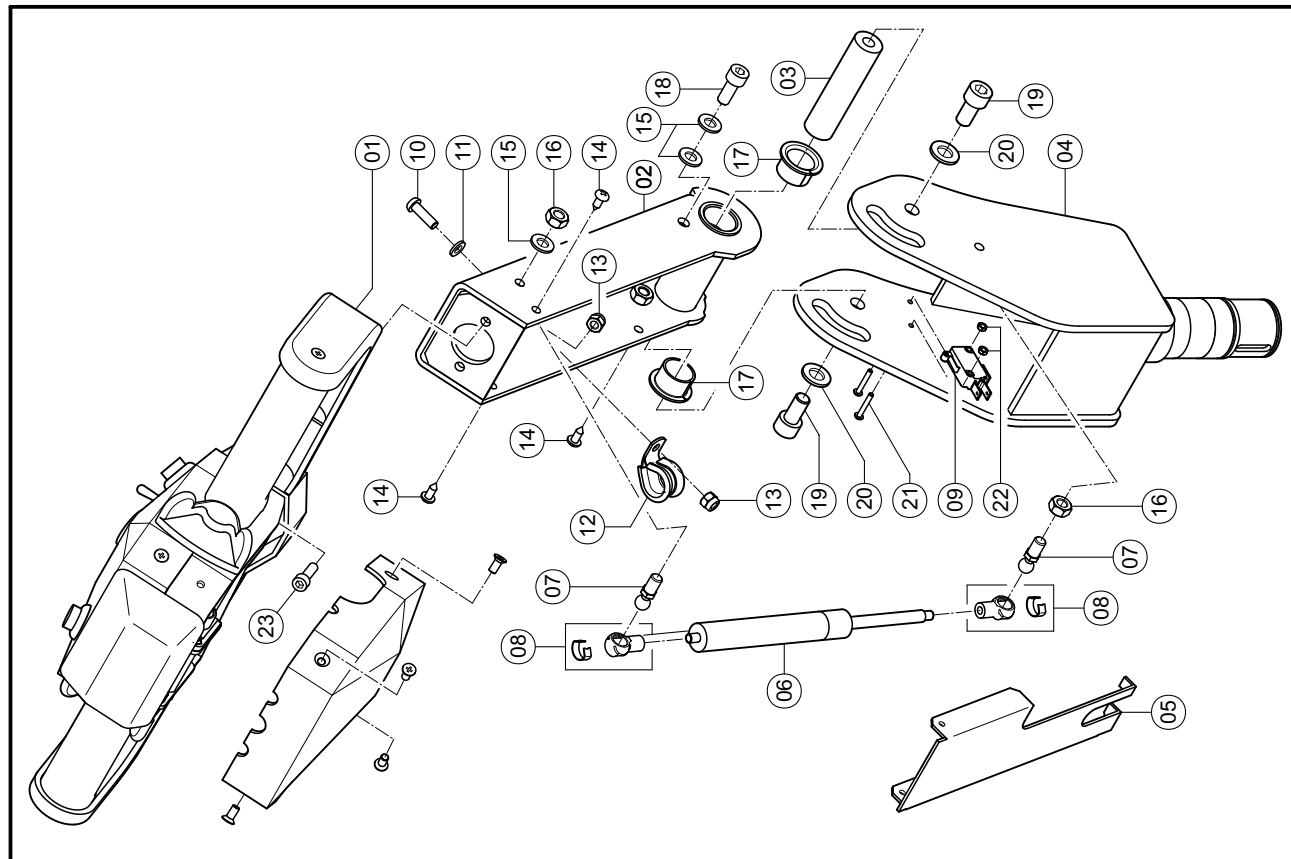


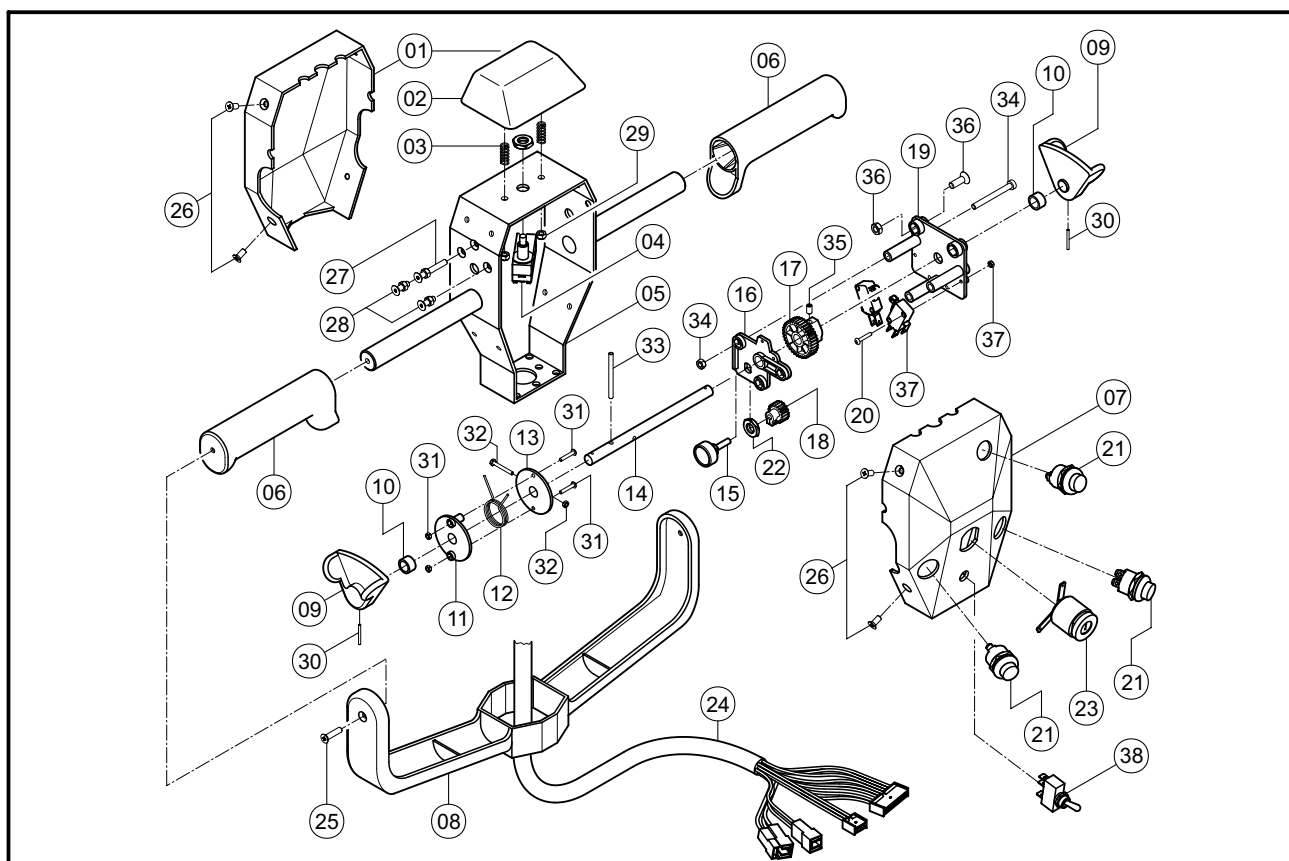
Table 09.00.PD.000.000

SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES

Tiller arm exploded view (pallet stacker with platform for operator optional)

POS.	CODE	DESCRIPTION	U.Q.
01	EL041	Tiller head with switch to operate with tiller in upright position	01
02	PDPL025	Tiller arm	01
03	CS032.T	Tiller arm pin	01
04	PDPL022	Tiller arm fork for pallet stacker with platform	01
05	PDPL021	Tiller arm cover	01
06	CS042	GAS spring head S=300, C=90 e L=252	01
07		M8 Pin (only spare part with item n. 06)	02
08		Gas spring head (only spare part with item n. 06)	02
09	V5B010CB3D	Tiller arm micro-switch	01
10	Trade	Hexagon socket button head screw (TBE) M6×20 UNI7380	01
11	Trade	Washer ø6,4x12 UNI6592	01
12	21.025.000	Clamp with rubber ø6 screw and ø14 pipe	01
13	Trade	Self-locking nut M6 DIN985	03
14	Trade	Cross recessed pan head tapping screw ø4,8x13 UNI6954	03
15	Trade	Washer ø10,5x20 UNI6592	05
16	Trade	Nut M8 UNI5589	02
17	202316.5	PTFE composed bush	02
18	Trade	Hexagon socket head cap screw (TCE) M10×16 UNI5931	02
19	Trade	Hexagon socket head cap screw (TCE) M10×25 UNI5931	02
20	Trade	Washer ø10,5x20 UNI6592	02
21	Trade	Cross recessed cheese-headed screw M3x25 UNI7687	02
22	Trade	Nut M3 UNI5588	02
23	Trade	Hexagon socket head cap screw (TCE) M6×20 UNI5931	02





POS.	CODE	DESCRIPTION	U.Q.
01		Tiller shell without holes	01
02	5002160	Safety travel direction button	01
03	5002156	Safety travel direction button spring	02
04	5002170	Micro-switch for safety travel direction button	01
05		Iron frame	01
06		Plastic hand grip	02
07		Tiller shell with holes (version with switch to operate with the tiller in upright position)	01
08		Hands protection	01
09	5002164	Butterfly control buttons for direction and speed	02
10		Spacer ø10	02
11		Spring holder assembly (female)	01
12		Twist spring	01
13		Spring holder assembly (male)	01
14	5002161	Secondary driven shaft	01
15	5002168	Potentiometer 20 kohm central zero	01
16		Potentiometer support	01
17	5002165	Main gear	01
18	5002166	Potentiometer gear z=15	01
19		Start micro-switch support	01
20	5002172	Start micro-switch AH-71558	02
21	5002163	Lift/lower/horn buttons	03
22	Trade	Nut M8 UNI5590	01
23	5002162	Key switch	01
24		Cable for tiller head with switch to operate with tiller in upright position	01
25	Trade	Recessed countersunk head screw M5×20 UNI7688	02
26	Trade	Recessed countersunk head screw M5×20 UNI7688	08
27	Trade	Hexagon socket countersunk head cap screw (TSPEI) M5×40 UNI5933 + Spring lock washer ø5,3×10 UNI1751-A + Nut M5 UNI5588 01	
28	Trade	Hexagon socket countersunk head cap screw (TSPEI) M5×16 UNI5933 + Spring lock washer ø5,3×10 UNI1751-A + Nut M5 UNI5588 02	
29	Trade	Self-locking nut M5 DIN985	02
30	Trade	Spring pin ø3×14 UNI6874	02
31	Trade	Cross recessed cheese-headed screw M3×25 UNI7687 + Nut M3 UNI5588	02
32	Trade	Hexagon head screw (TE) M4×20 UNI5739 + Nut M4 UNI5588	01
33	Trade	Spring pin ø4×30 UNI6874	01
34	Trade	Cross recessed cheese-headed screw M5×50 UNI7687 + Nut M5 UNI5589	03
35	Trade	Slotted set screw M6×16 UNI5923	01
36	Trade	Hexagon socket countersunk head cap screw (TSPEI) M6×16 UNI5933 + nut M6 UNI5589	02
37	Trade	Cross recessed cheese-headed screw M3×25 UNI7687 + nut M3 UNI5588	04
38		Switch to operate with tiller in upright position	01

Table 11.00.PD.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Platform for operator exploded view (optional)

POS.	CODE	DESCRIPTION	U.Q.
01	PDPL003	Platform for operator arms.....	01
02		M8 Pin (only spare part with item n. 04).....	04
03		Gas spring head (only spare part with item n. 04).....	04
04	CS042	GAS Spring S=300, C=90 e L=252.....	02
05	PDPL008	Pin for the rotation of platform for operator and arms.....	02
06	PDPL001	Platform for operator frame.....	01
07	PM20/15	Cylindric vibration damper ø20×15.....	03
08	PM50/50	Cylindric vibration camper ø50×50.....	04
10	CS138	PL13 - Rear lower plate.....	01
11	CS132	PL16 & PL20 - Rear lower plate.....	01
12	PDPL002	Platform.....	01
13	202316.5	PTFE composed bush.....	04
14	Trade	Nut M8 UNI5589.....	03
15	Trade	Washer ø8,4×16 UNI6592.....	01
16	Trade	Plate to reinforce the platform fixing.....	02
17	Trade	Nut M6 UNI5589 + Washer ø6,4×12 UNI6592 + Spring lock washer ø6,4×11,4 UNI1751A.....	03
18	Trade	Hexagon socket head cap screw (TCE) M10×25 UNI5931 + Washer ø10,5×20 UNI6592 + Spring lock washer ø10,5×17,504.....	04
19	Trade	Slotted set screw M6×10 UNI5923.....	04
20	Trade	Hexagon head screw coarse pitch thread (TE) M10×55 UNI5727.....	02
	Trade	Nut M10 UNI5589.....	02

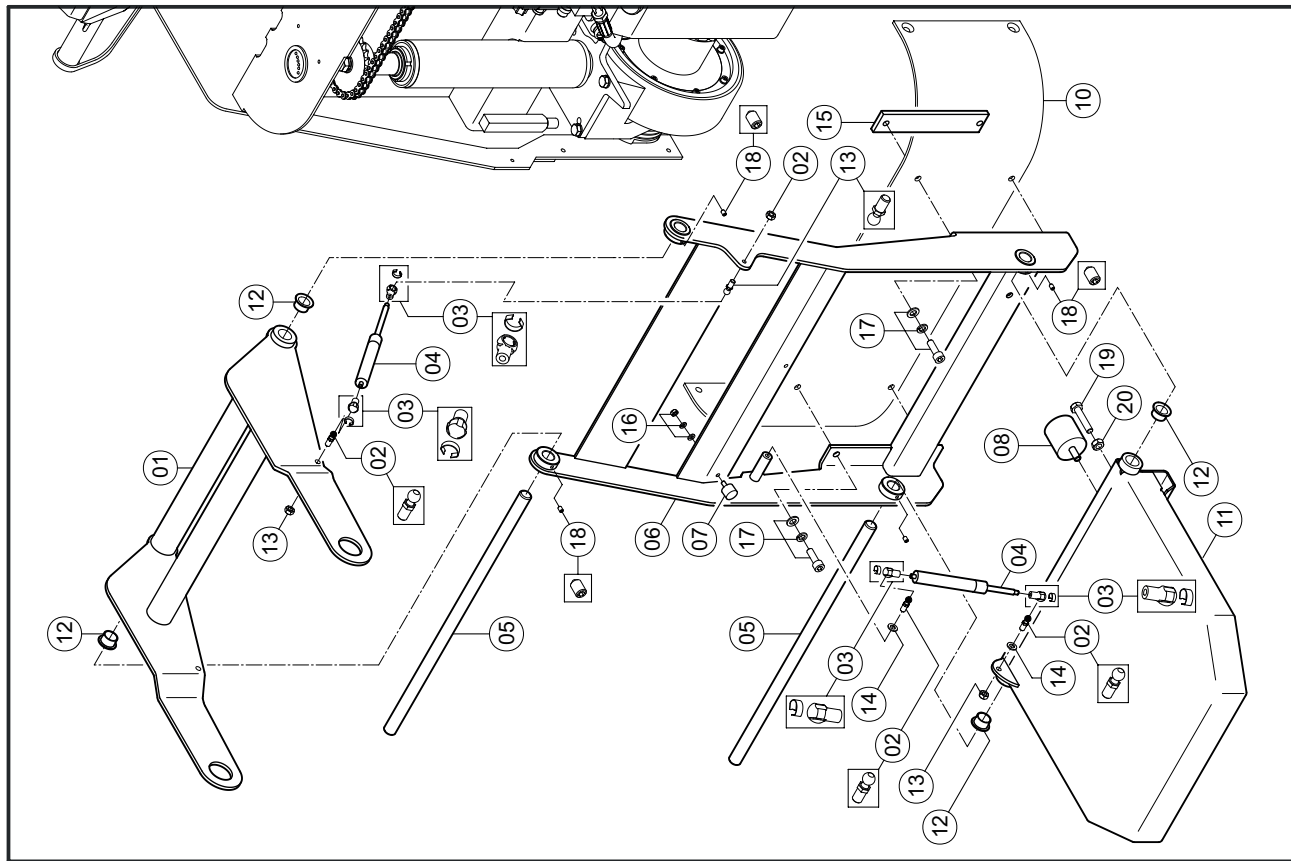
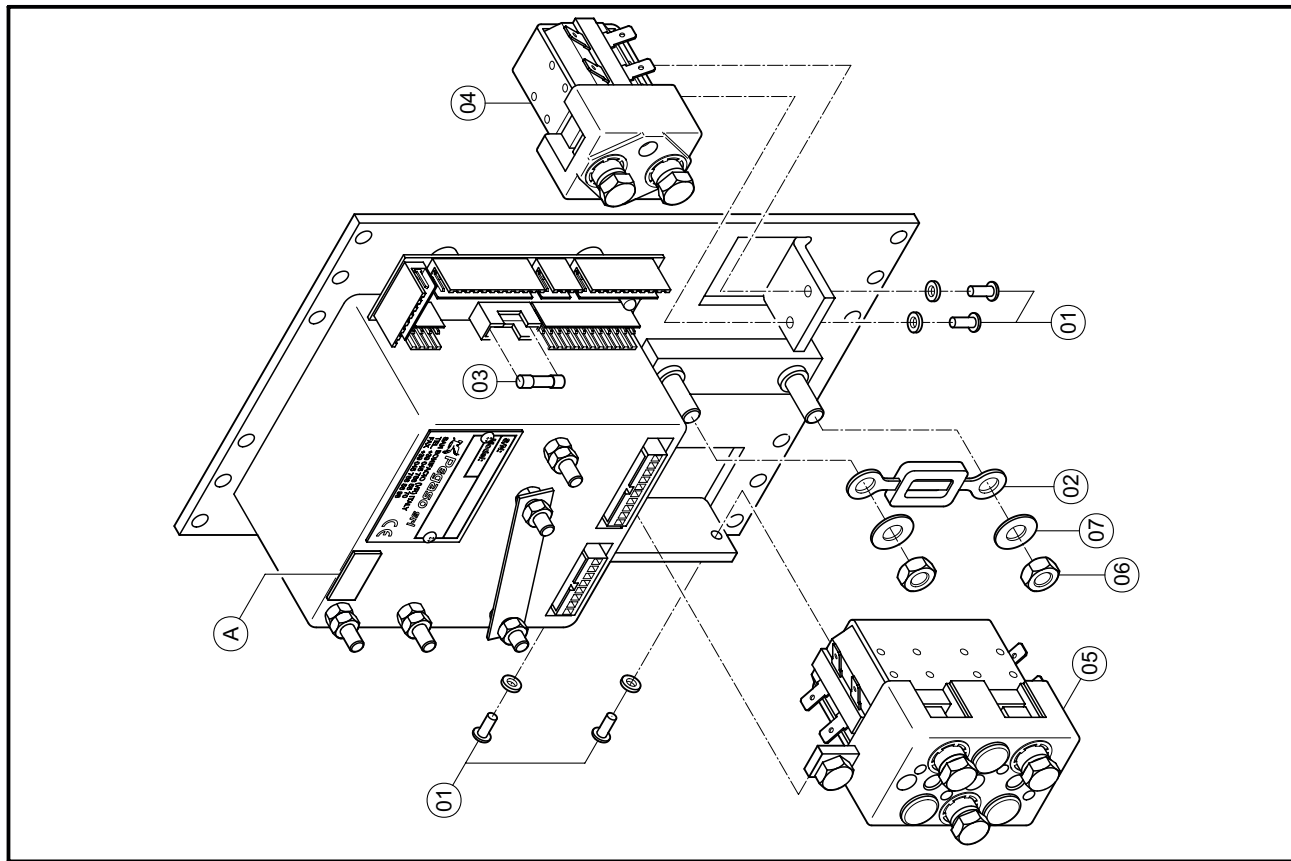
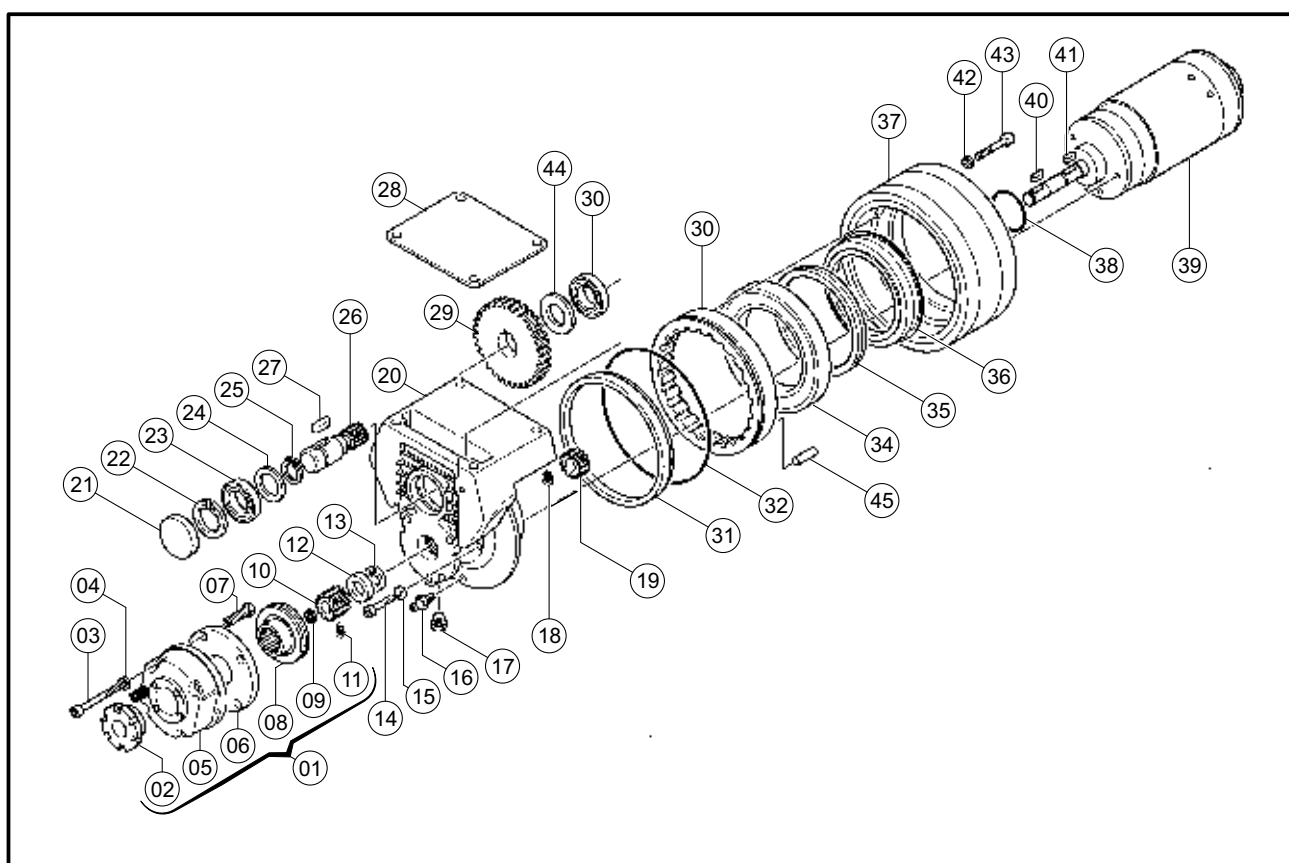


Table 12.00.00.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Electronic controller exploded view

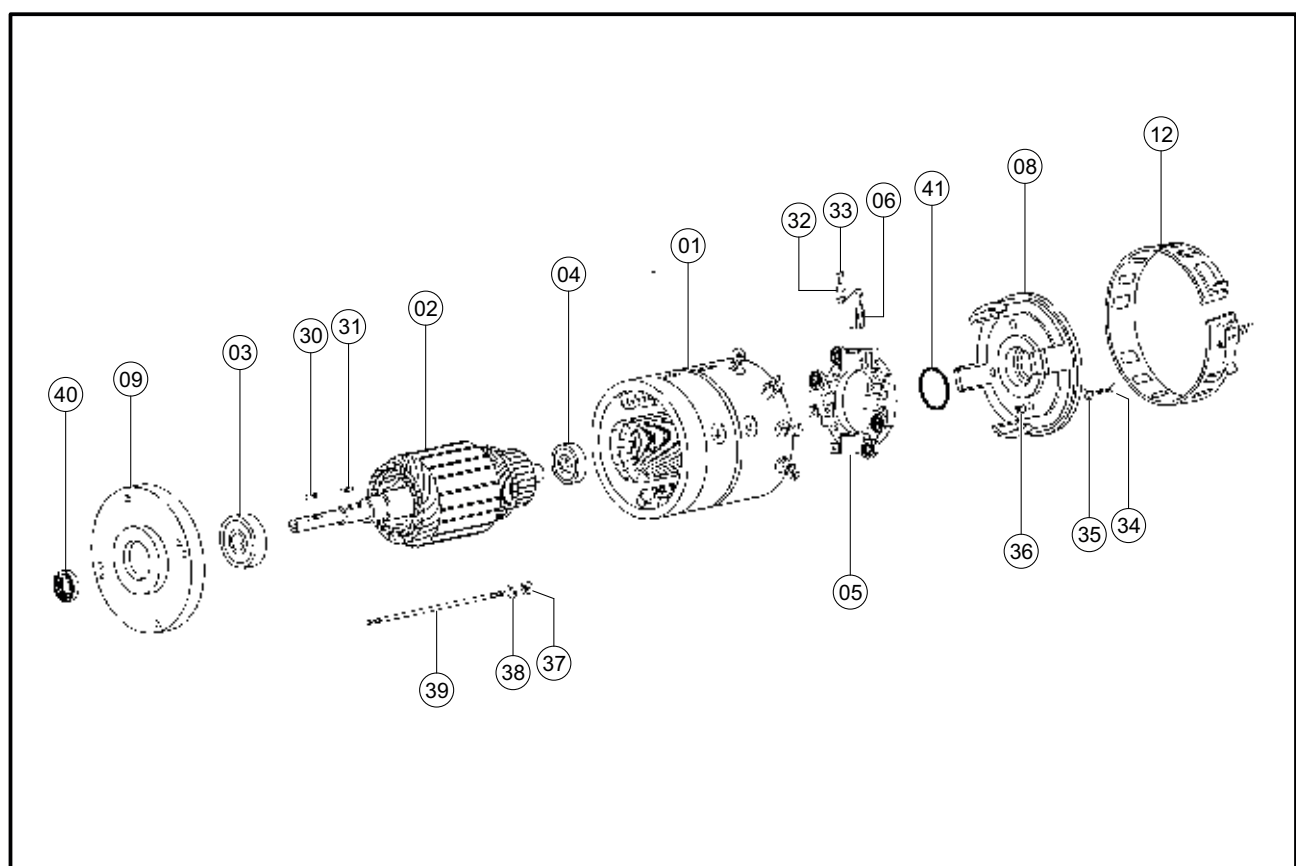
POS.	CODE	DESCRIPTION	U.Q.
01	Trade	Recessed raised cheese head screw M4x8 UNI7687 + Washer ø4,3x9 UNI6592	02
02	Trade	160A Band fuse with ceramic protection	02
03	Trade	8A Tubular glass fuse, quick fusion	02
04	SW80-1	100A Electromagnetic switch with normal open contact	01
05	DC88-355T	100A Electromagnetic switch with connected contact to invert motor polarity	01
06	Trade	Nut M8 UNI5589	02
07	Trade	Washer ø8,4x24 UNI6593	02

A - Small rubber cover to protect the tap connecting to the programming key board.

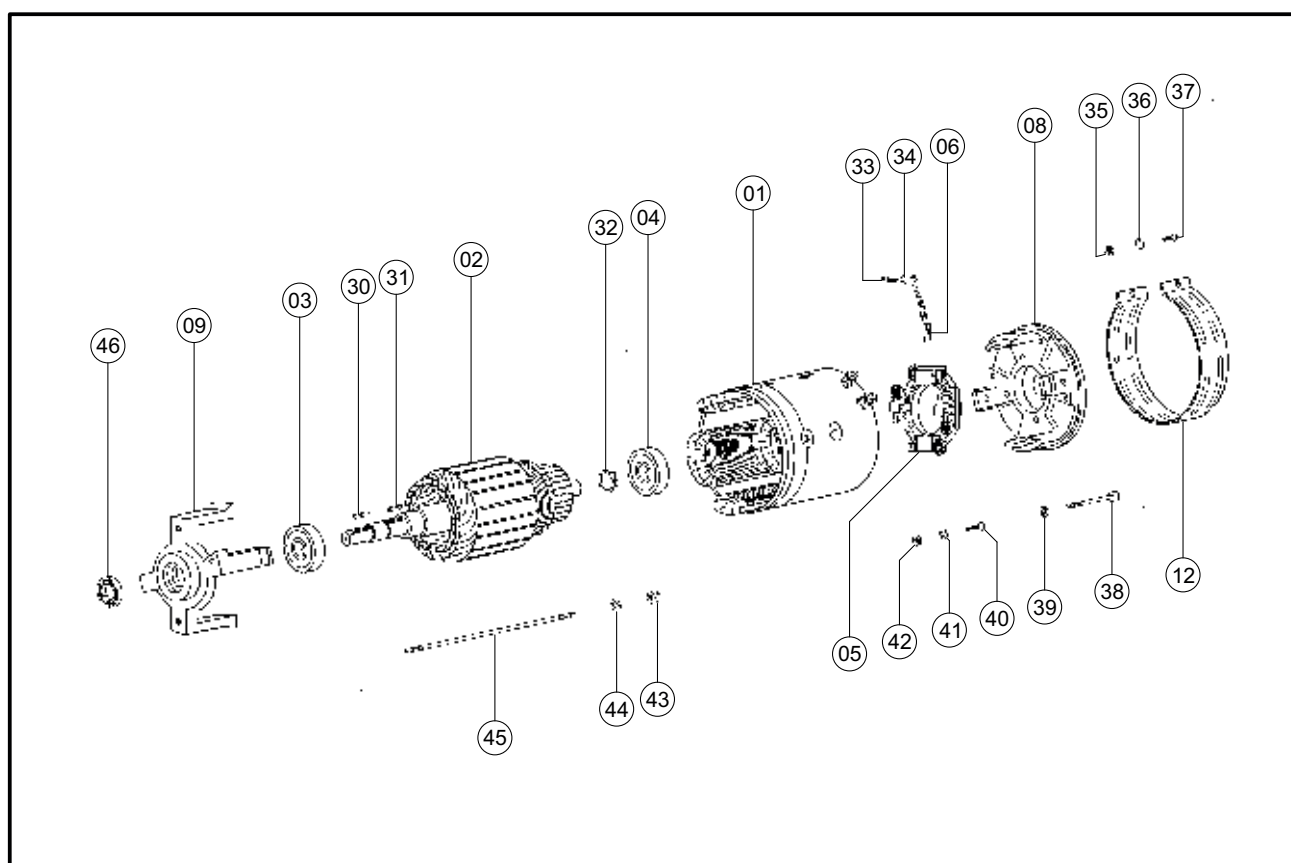




POS.	CODE	DESCRIPTION	U.Q.
01		Complete brake	01
02		Slotted round nut	01
03		Securing screw	01
04		Coupling spring	01
05		Electromagnet	04
06		Keeper	01
07		Register	01
08		Plate	01
09		E 14 retaining ring for shaft	01
10		Hub	01
11		Anti-vibration spring	01
12		15-32-7 GP Oil retainer	01
13		Retaining ring for bores Ø32	01
14		Motor hexagon socket cap screw (TCEI) M6×20	01
15		Lock washer	03
16		Grease nipple UNI 7663 A M6	03
17		Conical plug M10×1	01
18		E 15 retaining ring for shaft	01
19		Pinion 1 couple	01
20		Reduction gear body	01
21		Cap nut	01
22		I 55 retaining ring for bores	01
23		Bearing 30×55×9	01
24		Distance washer 30×42×0,5	01
25		E 30 retaining ring for shaft	01
26		Pinon 2 couple	01
27		Woodruff key	01
28		Fixing head gasket	01
29		Ring gear 1 Couple	01
30		Bearing ø30×55×13	01
31		Exterior seal ring	01
32		OR wheel ring	01
33		Ring gear 2 Couple	01
34		Wheel bearing	01
35		Inner seal ring	01
36		Stop-wheel ring	01
37		Wheel with covering (specify if the covering is in: polyurethane, rubber or trail-proof rubber)	01
38		OR motor ring	01
39		Complete motor	01
40		Woodruff key A5×5×18	01
41		Woodruff key A5×5×14	01
42		VS6 Lock washer	08
43		Wheel screw	08
44		Spacer	01
45		Pin	02



POS.	CODE	DESCRIPTION	U.Q.
01		Complete stator	.01
02		Rotor	.01
03		Bearing	.01
04		Bearing	.01
05		Brush box	.01
06		Brush	.04
08		Brush support	.01
09		Flange	.01
12		Clamp	.01
30		Woodruff key	.01
31		Woodruff key	.01
32		Washer	.04
33		Screw	.04
34		Screw	.04
35		Washer	.04
36		Nut	.04
37		Nut	.04
38		Washer	.02
39		Stay rod	.02
40		Stop ring	.01
41		O-Ring	.01

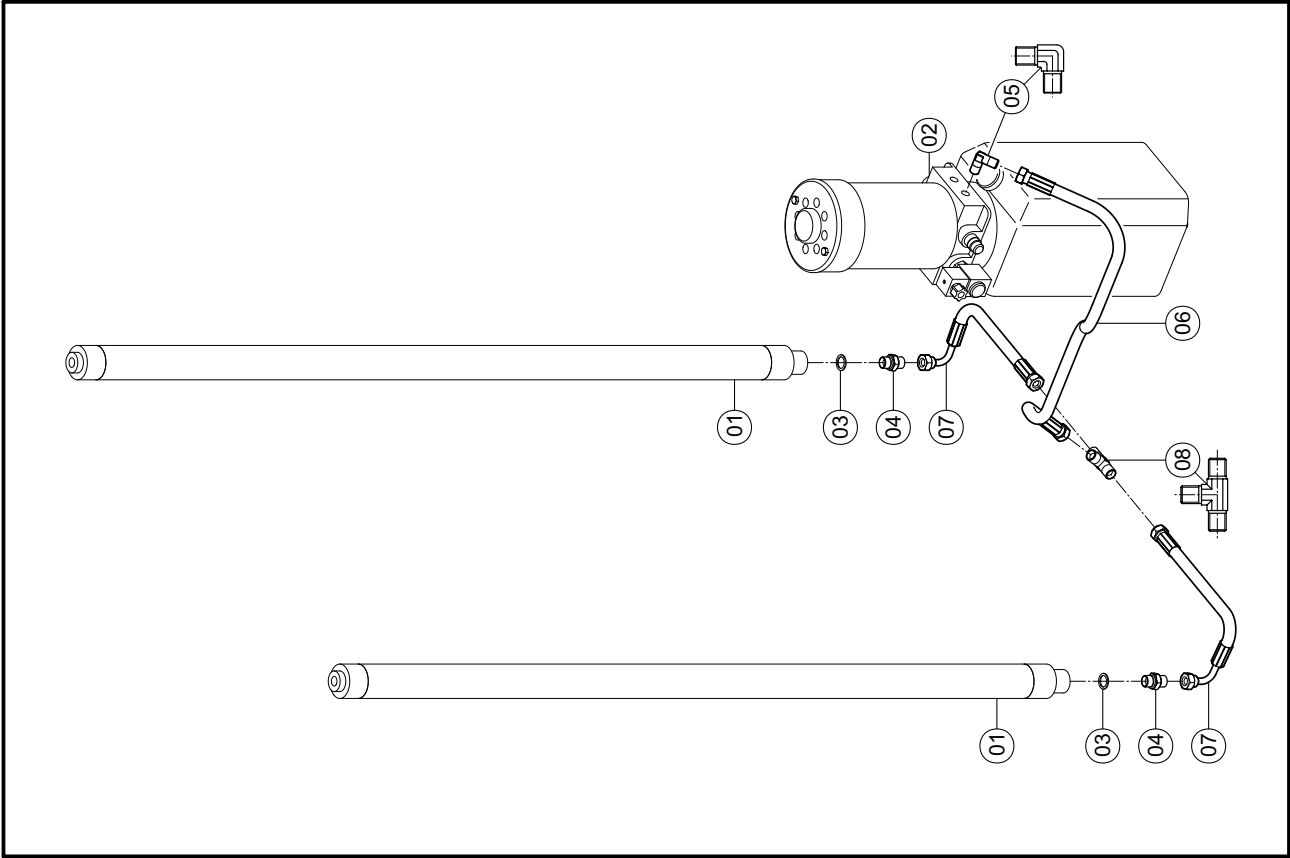


POS.	CODE	DESCRIPTION	U.Q.
01		Complete stator	.01
02		Rotor	.01
03		Bearing	.01
04		Bearing	.01
05		Bush box	.01
06		Bush	.04
08		Bush support	.01
09		Flange	.01
12		Clamp	.01
30		Woodruff key	.01
31		Woodruff key	.01
32		Retaining ring for shaft	.01
33		Screw	.04
34		Washer	.04
35		Nut	.01
36		Washer	.01
37		Screw	.01
38		Screw	.04
39		Washer	.04
40		Screw	.04
41		Washer	.04
42		Nut	.04
43		Nut	.03
44		Washer	.03
45		Stay rod	.03
46		Stop ring	.01



Table 16.00.00.000.000
DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Standard oleo-dynamic system exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Oleo-dynamic cylinder	02
02		Oleo-dynamic power unit	01
03		Copper washer for 3/8" fittings	02
04	Trade	Cylindrical nipple M3/8"G - M3/8"G	02
05	Trade	Nipple 90° M1/4"G conic - M1/4"G straight	01
06	OLI.PL13STFOR650	Oleo-dynamic flexible pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01
07	OLI.PL13STFOR490	PL13 & PL16 DUPLEX-TRIPLEX + PL20 DUPLEX - Oleo-dynamic pipe SAE100R16-ID3/8 L490 with straight terminal F3/8"G + 90° F3/8"G	02
	OLI.PL20T	PL20 TRIPLEX - Oleo-dynamic pipe SAE100R16-ID3/8 L580 with straight terminal F3/8"G + 90° F3/8"G	02
08		Nipple TM3/8"G - M3/8"G	01



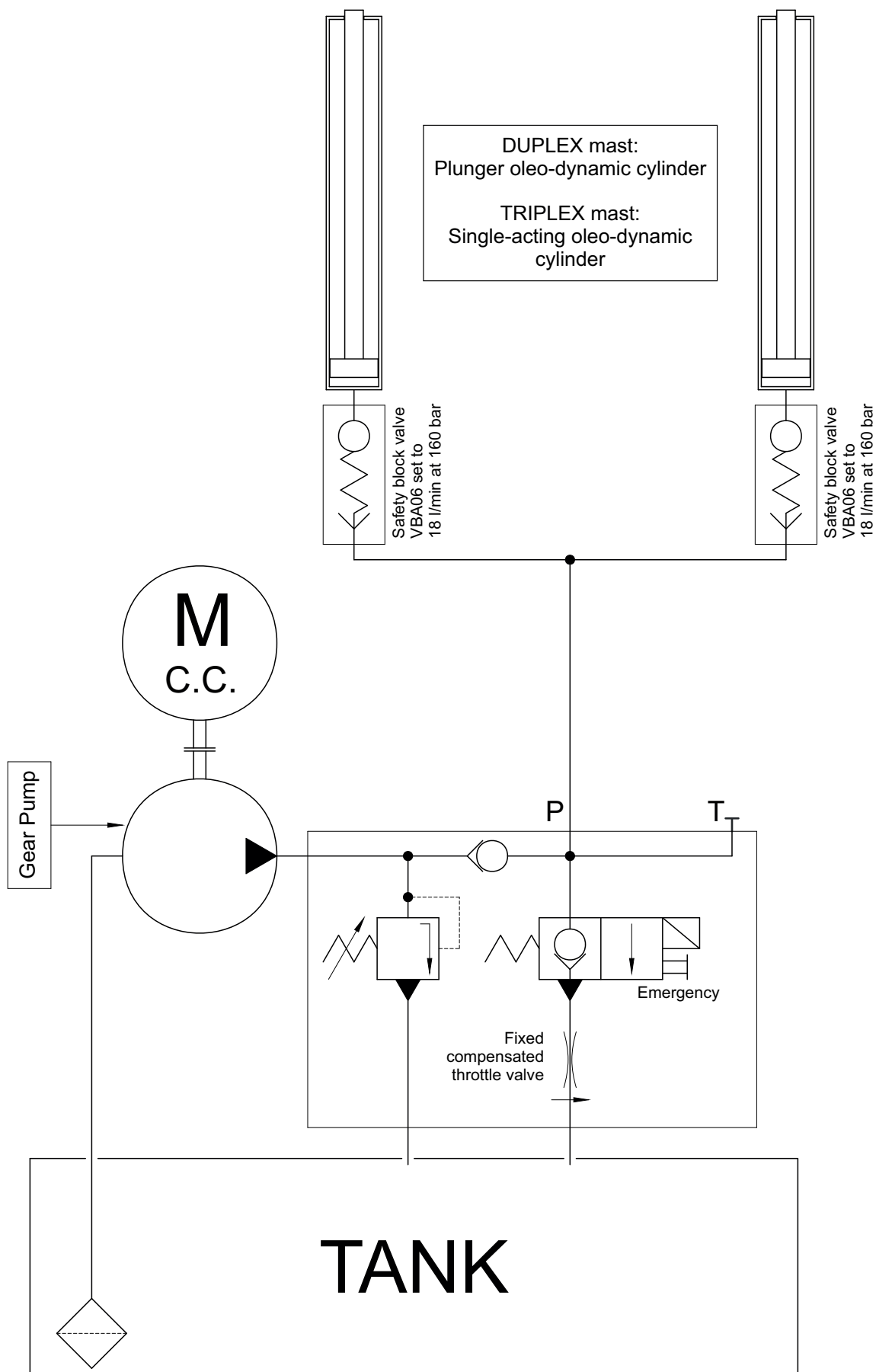
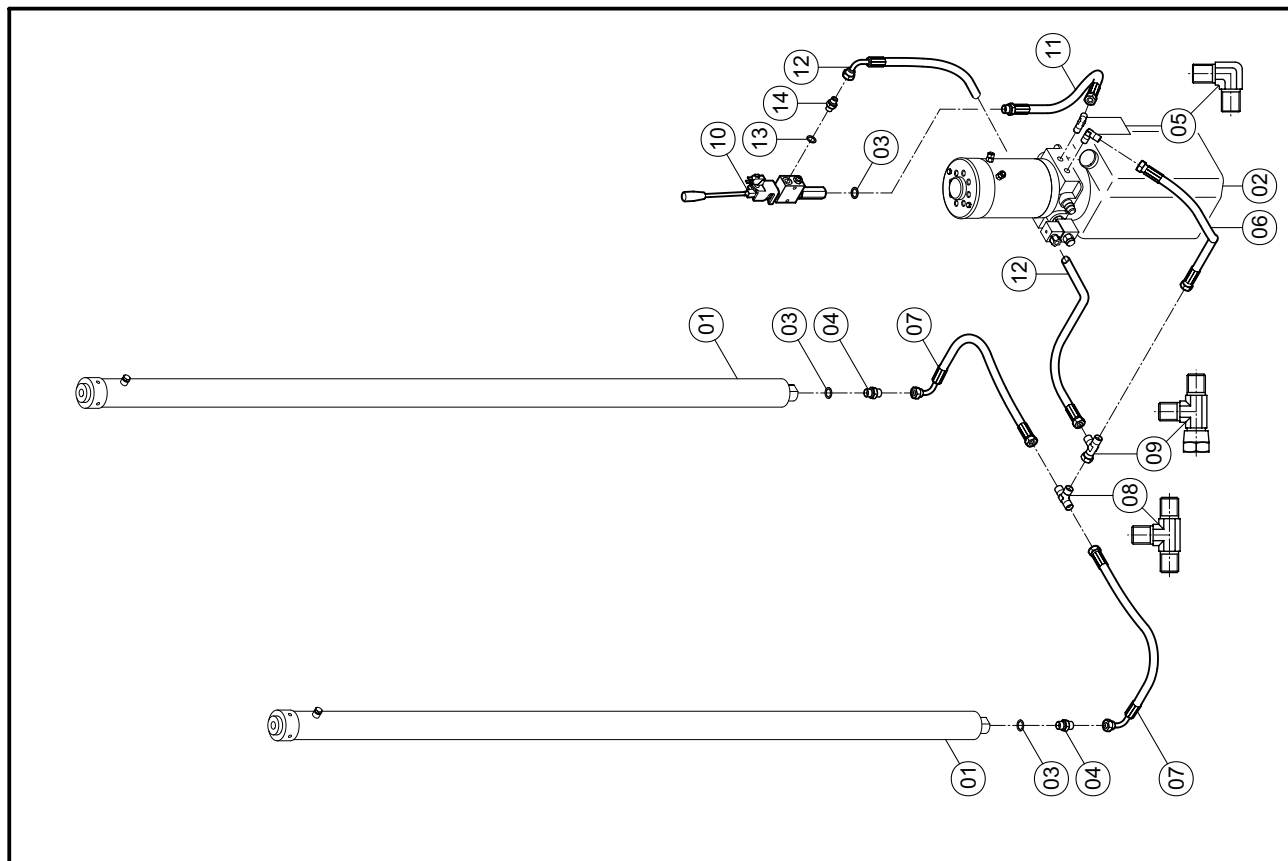


Table 16.00.DC.000.000
DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Oleo-dynamic system with double manual lifting control exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Oleo-dynamic cylinder.....	02
02		Oleo-dynamic power unit.....	01
03	Trade	Cooper washer for 3/8" fittings.....	02
04	Trade	Cylindrical nipple M3/8"G - M3/8"G.....	02
05	Trade	Nipple 90° M1/4"G conic - M1/4"G straight.....	01
06	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G.....	01
07	OLI.PL13STFOR490	PL13 & PL16 DUPLEX-TRIPLEX - Oleo-dynamic pipe SAE100R16-ID3/8 L490 with straight terminal F3/8"G + 90° F3/8"G.....	02
08	OLI.PL20T	PL20 TRIPLEX - Oleo-dynamic pipe SAE100R16-ID3/8 L580 with straight terminal F3/8"G + 90° F3/8"G.....	02
09		Nipple TM3/8"G - M3/8"G - M3/8"G.....	01
10	OLDCM	Nipple TF3/8"G - M3/8"G - M3/8"G.....	01
11		Double manual lift control.....	01
12	OLI.PL13STFOR290	Oleo-dynamic pipe SAE100R16-ID3/8 L290 with straight terminal M3/8"G + F1/4"G.....	01
13	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + bent 90° terminal F3/8"G.....	01
14	Trade	Cooper washer for 1/4" fittings.....	01
	Trade	Cylindrical nipple M1/4"G - M3/8"G.....	01



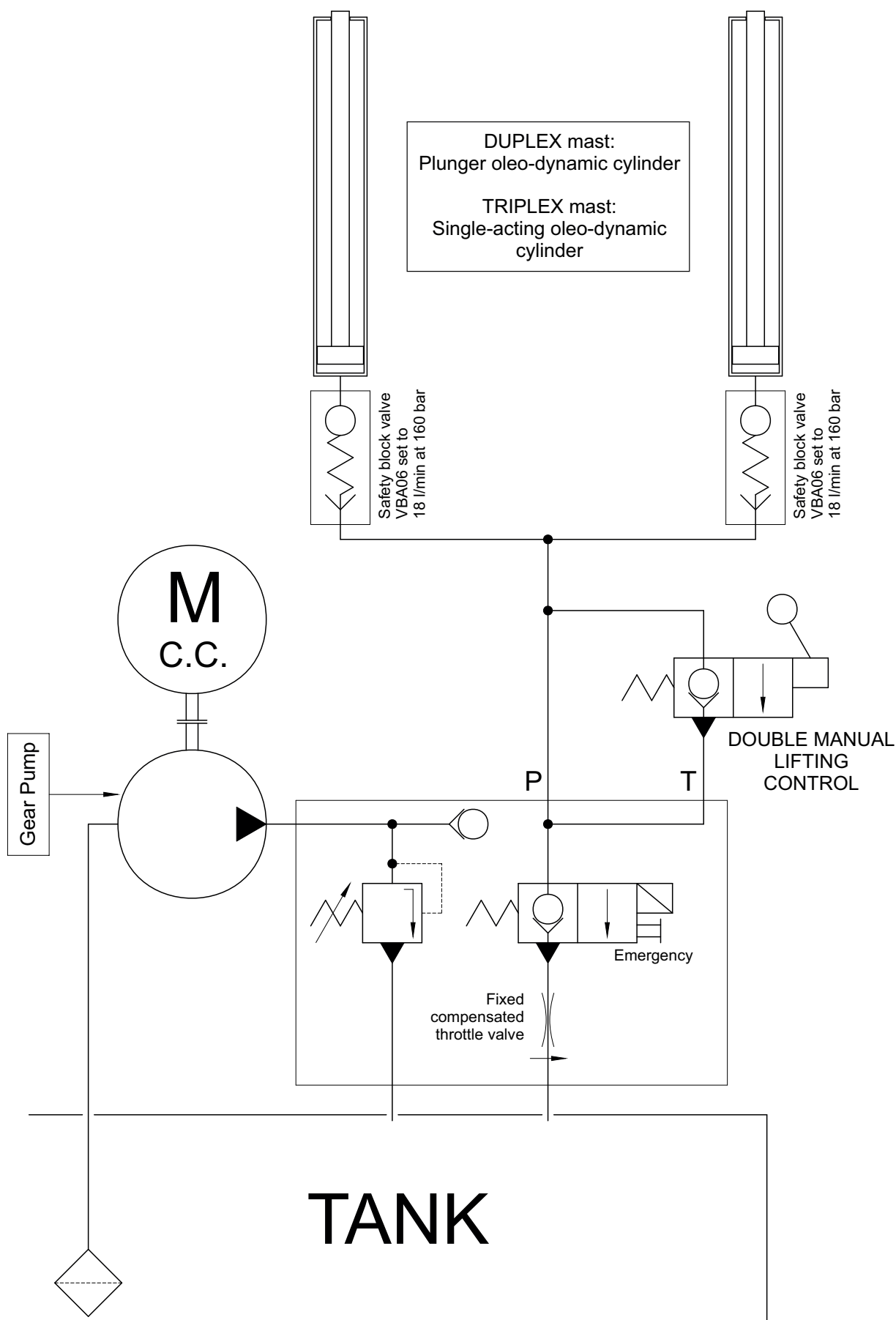
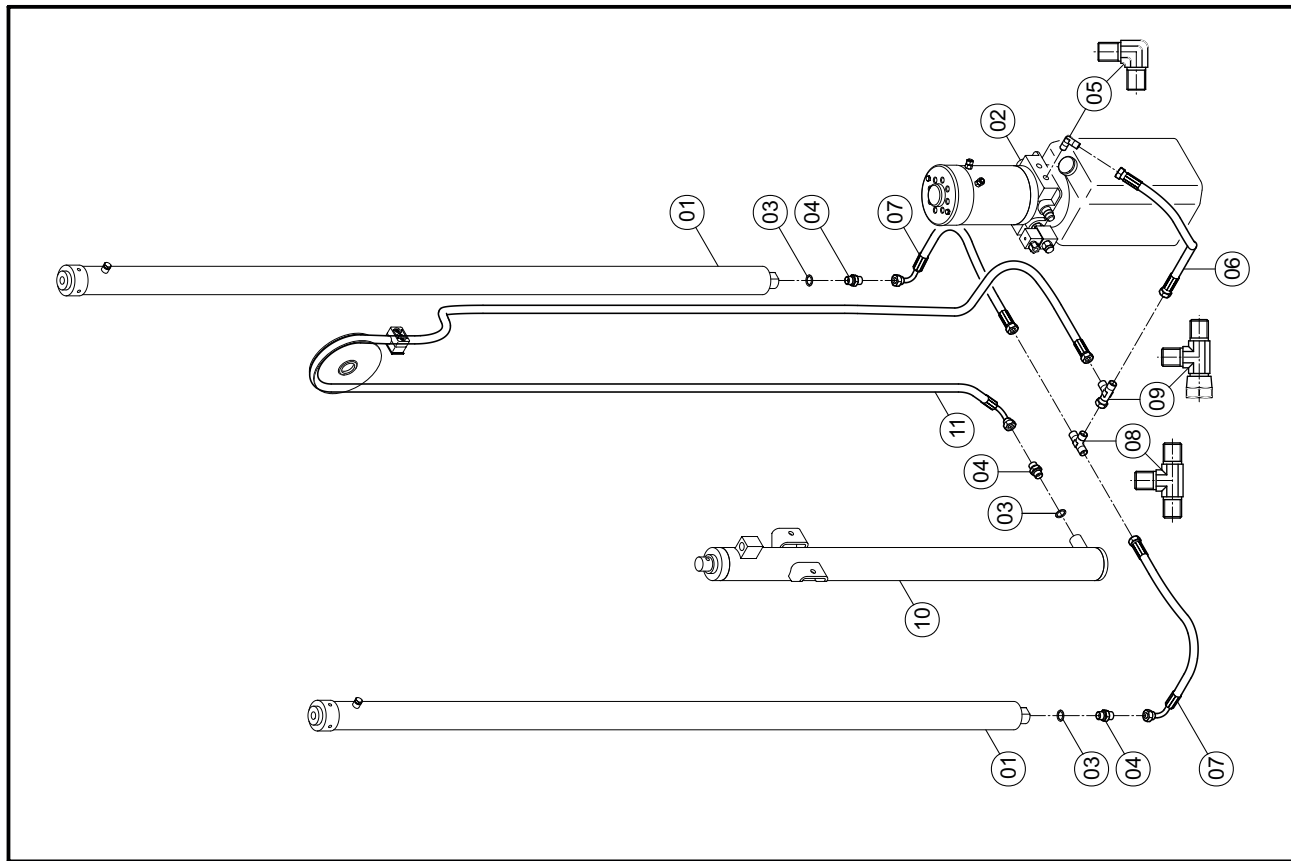


Table 16.00.00.GAL.000
DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
GAL oleo-dynamic system exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Plunger oleo-dynamic cylinder	02
02		Oleo-dynamic power unit	01
03		Cooper washer for 3/8" fittings	02
04		Cylindrical nipples M3/8" G - M3/8" G	02
05		Nipples 90° M1/4" G conic - M1/4" G straight	01
06		Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8" G + F1/4" G	01
07		PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID3/8 L440 with straight terminal F3/8" G + 90° F3/8" G	02
08		PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID3/8 L580 with straight terminal F3/8" G + 90° F3/8" G	02
09		Nipples TM3/8" G - M3/8" G - M3/8" G	01
10		Nipples TF3/8" G - M3/8" G - M3/8" G	01
11		Single acting oleo-dynamic cylinder	01
	OLI.PL13STFOR4270	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4270 with straight terminal F3/8" G + 90° F3/8" G	01
	OLI.PL13STFOR4600	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4600 with straight terminal F3/8" G + 90° F3/8" G	01
	OLI.PL13STFOR4940	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4940 with straight terminal F3/8" G + 90° F3/8" G	01
	OLI.PL20STFOR4390	PL20 TRIPLEX GAL - Oleo-dynamic cylinder SAE100R16-ID1/2 L4390 with straight terminal F3/8" G + 90° F3/8" G	01
	OLI.PL20STFOR4720	PL20 TRIPLEX GAL - Oleo-dynamic cylinder SAE100R16-ID1/2 L4720 with straight terminal F3/8" G + 90° F3/8" G	01
	OLI.PL20STFOR5060	PL20 TRIPLEX GAL - Oleo-dynamic cylinder SAE100R16-ID1/2 L5060 with straight terminal F3/8" G + 90° F3/8" G	01



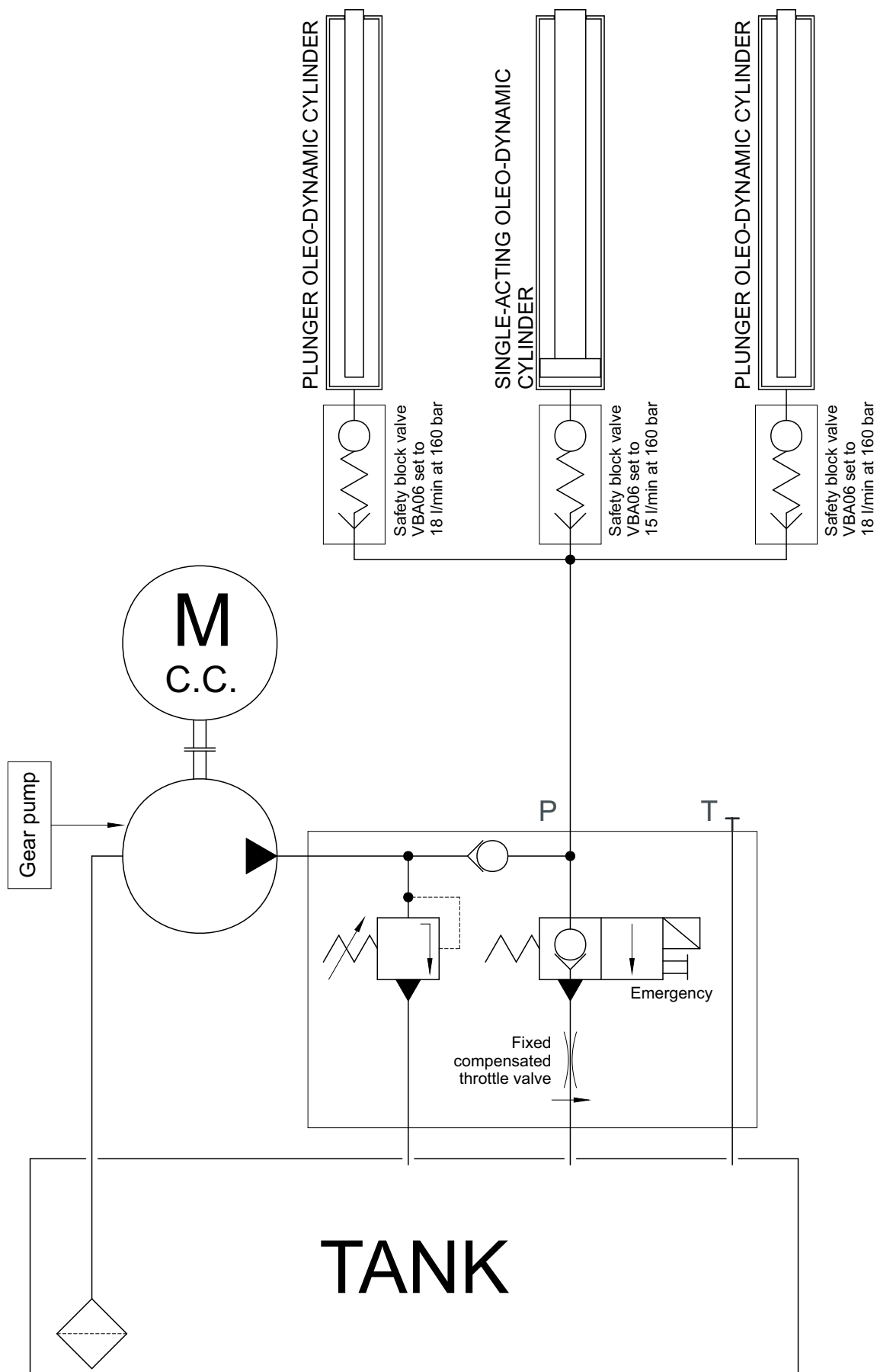
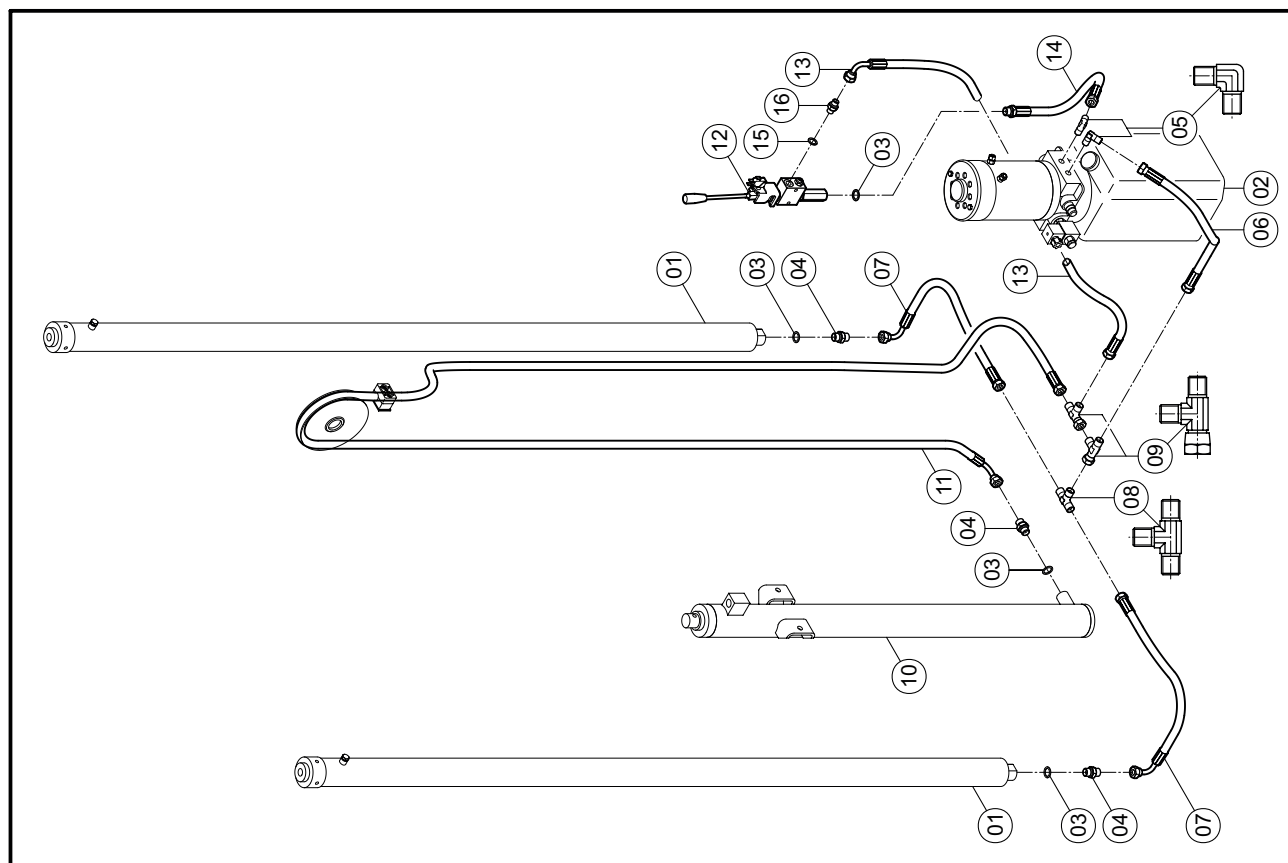
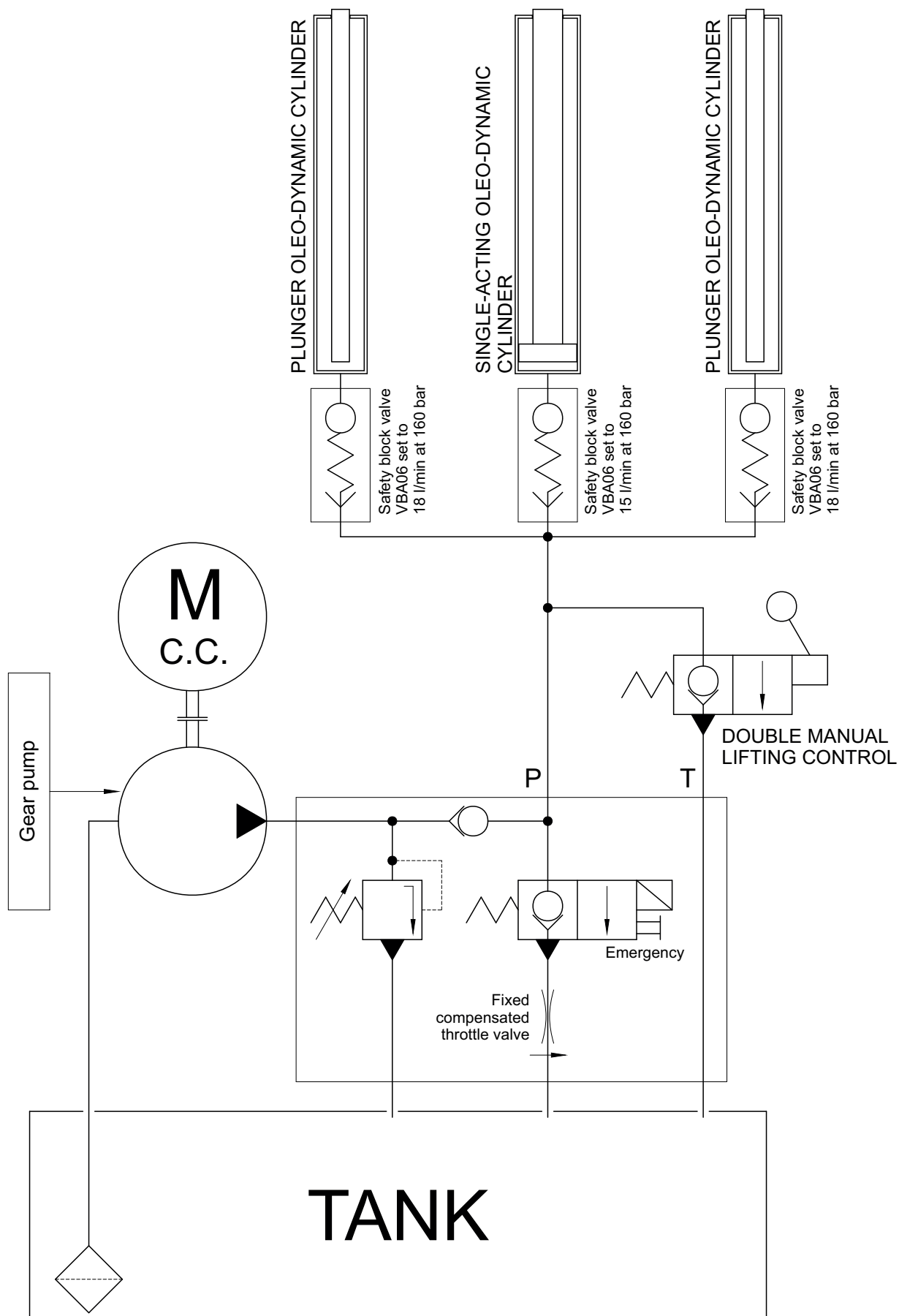
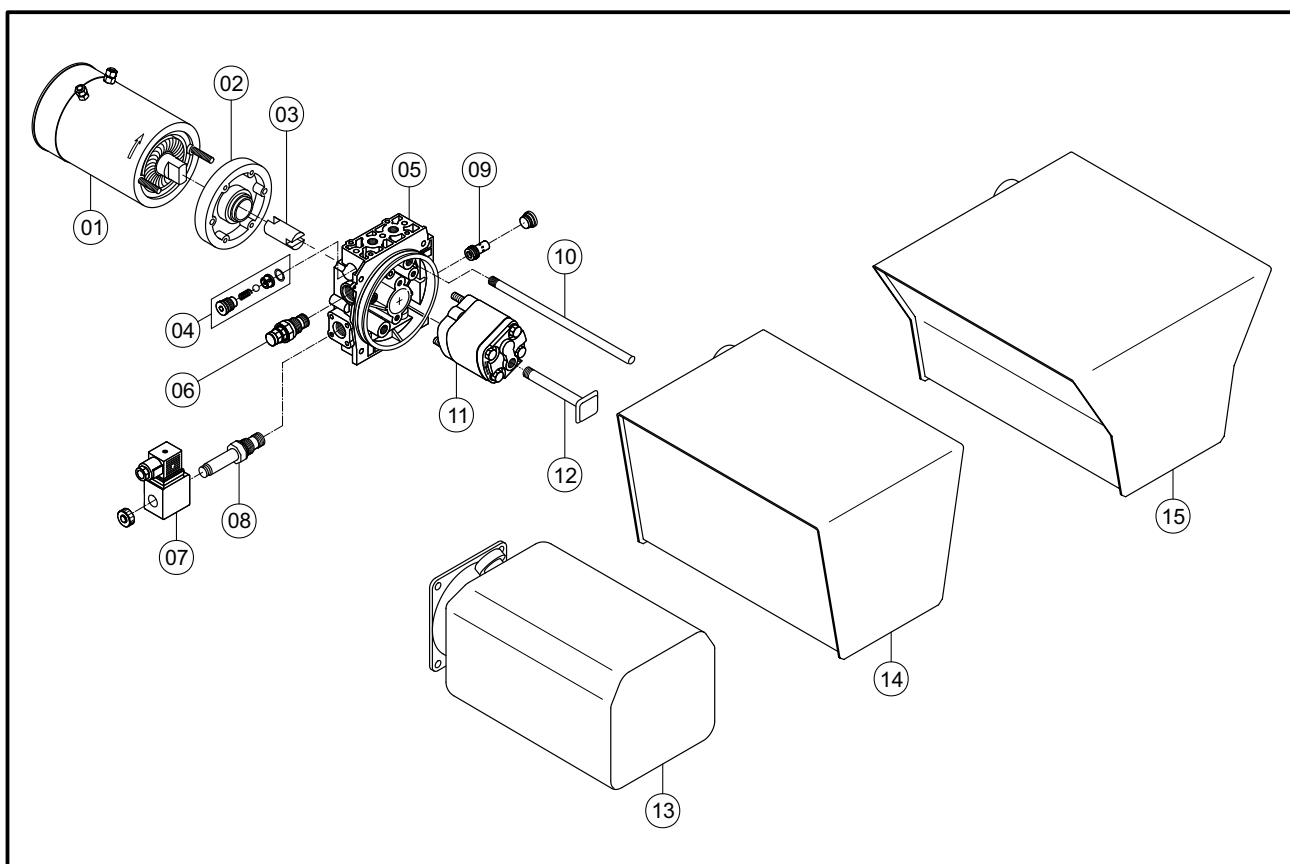


Table 16.00.DC.GAL.000
DUPLEX - TRIPLEX PL13 - PL16 - PL20 SERIES
GAL with double manual lifting control exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Plunger oleo-dynamic cylinder	02
02		Oleo-dynamic power unit	01
03	Trade	Cooper washer for 3/8" fittings	02
04	Trade	Cylindrical nipples M3/8"G - M3/8"G	02
05	Trade	Nipples 90° M1/4"G conic - M1/4"G straight	01
06	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01
07	OLI.PL13STFOR440	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID3/8 L440 with straight terminal F3/8"G + 90° F3/8"G	02
	OLI.PL20T	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID3/8 L580 with straight terminal F3/8"G + 90° F3/8"G	02
08		Nipples TM3/8"G - M3/8"G	01
09		Nipples TF3/8"G - M3/8"G - M3/8"G	01
10		Single acting oleo-dynamic cylinder	01
11	OLI.PL13STFOR4270	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4270 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL13STFOR4600	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4600 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL13STFOR4940	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4940 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL20STFOR4390	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4390 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL20STFOR4720	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4720 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL20STFOR5060	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L5060 with straight terminal F3/8"G + 90° F3/8"G	01
12	OLDCM	Double manual lifting control	01
13	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01
14	OLI.PL13STFOR290	Oleo-dynamic pipe SAE100R16-ID3/8 L290 with straight terminal F3/8"G + F1/4"G	01
15	Trade	Cooper washer for 1/4" fittings	01
16	Trade	Cylindrical nipple M1/4"G - M3/8"G	01





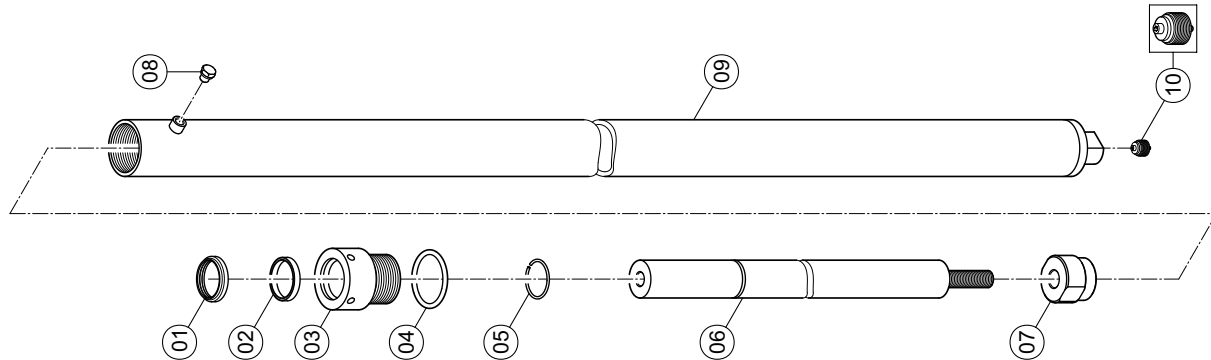


POS.	CODE	DESCRIPTION	U.Q.
01		24V 300W direct current motor	01
02		Connecting flange	01
03		Intermediate connecting shaft	01
04	V3.892.26.000	Check valve.....	01
05		mainfold body A10.....	01
06	V3.889.12.A0Z	VMP15 Peak valve.....	01
07		Solenoid 24V DC.....	01
08		Electric valve cartridge	01
09	V3.895.35.00Z	STF38P Fixed compensated throttle valve	01
10		Return pipe.....	01
11		PL13 - Gear pump number 16 (3,7 cc).....	01
		PL16 & PL20 - Gear pump number 15 (3,2 cc).....	01
12		Suction pipe	01
13		H=2500D, H=2900D, H=3200D & H=3600D - Tank S205 (8 litres).....	01
14		H=4200D, H=4500D, H=4500T, H=5000T, H=5500T - Tank 9 litres.....	01
15		H=5500T with double gear pump optional - Tank 11 litres	01

Table 19.DX.TXGAL.000
STANDARD DUPLEX - TRIPLEX GAL PL13 - PL16 - PL20 SERIES
Plunger oleo-dynamic cylinder

LATERAL PLUNGER OLEO-DYNAMIC CYLINDER ONLY VALID FOR PL DUPLEX STANDARD E TRIPLEX GAL SERIES

POS.	CODE	DESCRIPTION	U.Q.
01	GHK316-157188	Rod wiper	01
02	TTS 614L-40/48/5.8	Rod seal	01
03		Top threaded plug	01
04	OR829	O-Ring	01
05		Stop ring	01
06		Rod	01
07	OLI.PL001	Cast iron guide for plunger oleo-dynamic cylinder	01
08		Plug	01
09		Cylinder body	01
10		Safety block valve	01

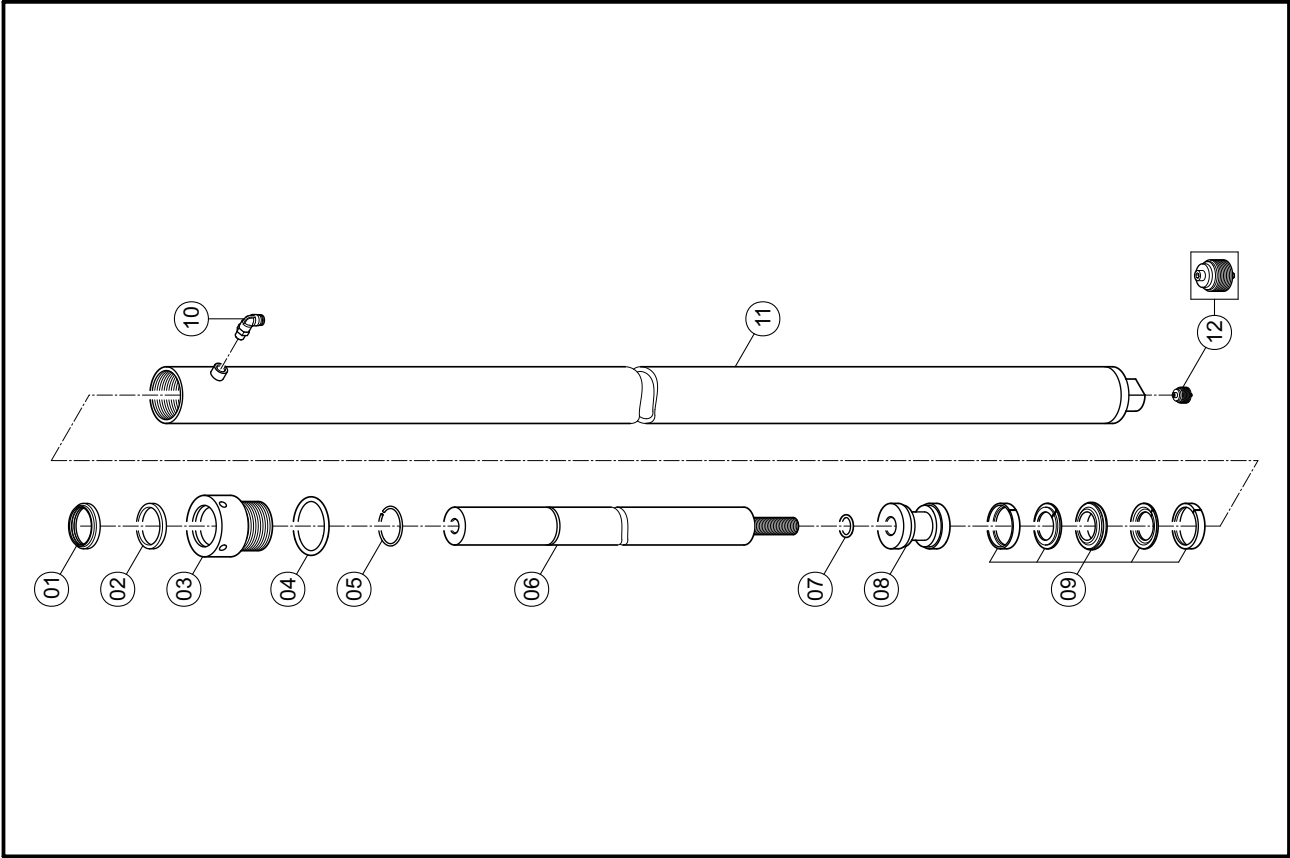


ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT



Table 19.TX.00.000.000
TRIPLEX PL13 - PL16 - PL20 SERIES
Single-acting oleo-dynamic cylinder exploded view

LATERAL SINGLE-ACTING OLEO-DYNAMIC CYLINDER VALID ONLY FOR TRIPLEX PL SERIES



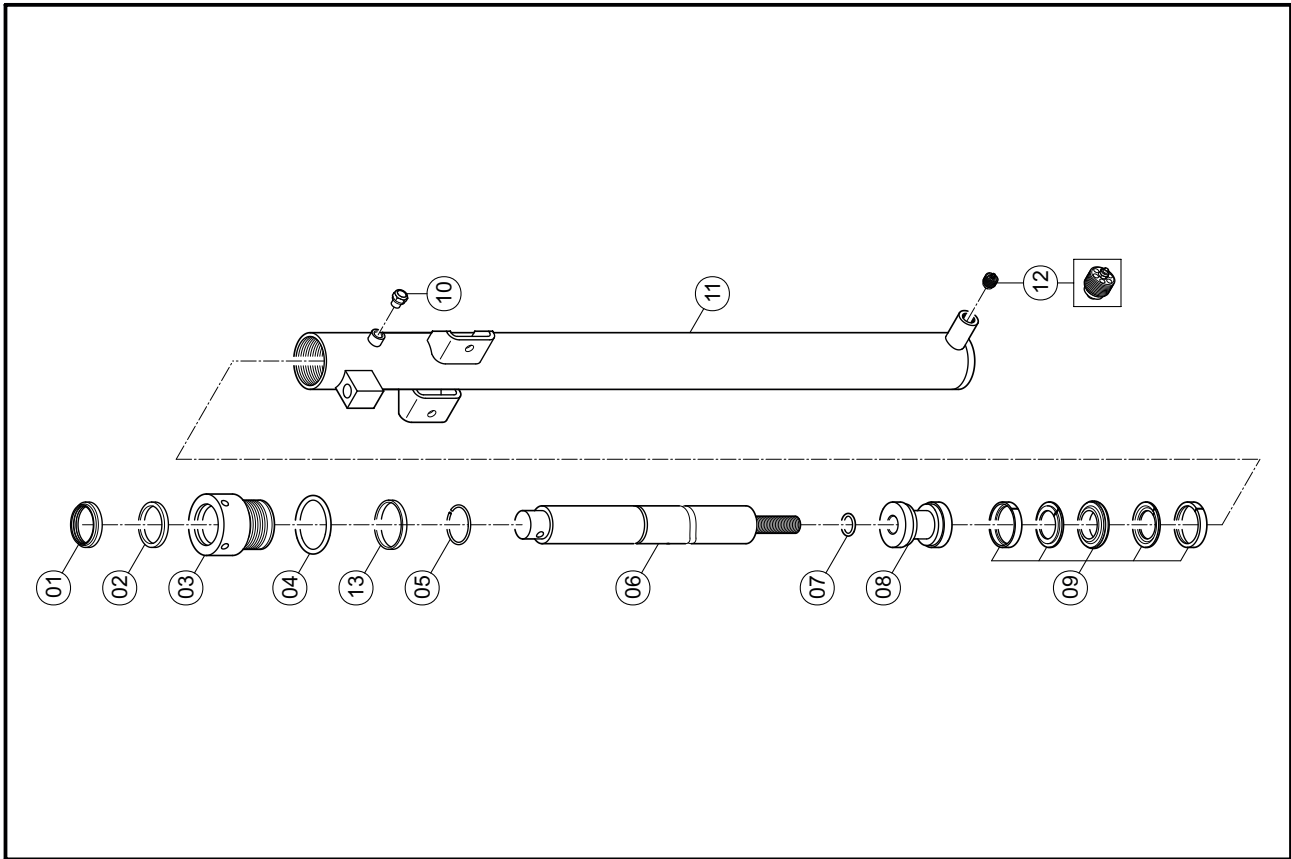
POS.	CODE	DESCRIPTION	U.Q.
01	GHK316-157188	Rod wiper	01
02	TTS 614L-40/48/5.8	Rod seal	01
03		Top threaded plug	01
04	OR829	O-Ring	01
05		Stop ring	01
06		Rod	01
07	OR116	O-Ring	01
08		Rod threaded bush	01
09	TPM9015-196133	Sealing rod elements	01
10		Rilsan pipe 90° fitting	01
11		Cylinder body	01
12		Safety block valve	01

ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 20.00.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
Single-acting oleo-dynamic cylinder exploded view

CENTRAL SINGLE-ACTING OLEO-DYNAMIC CYLINDER VALID FOR PL TRIPLEX GAL

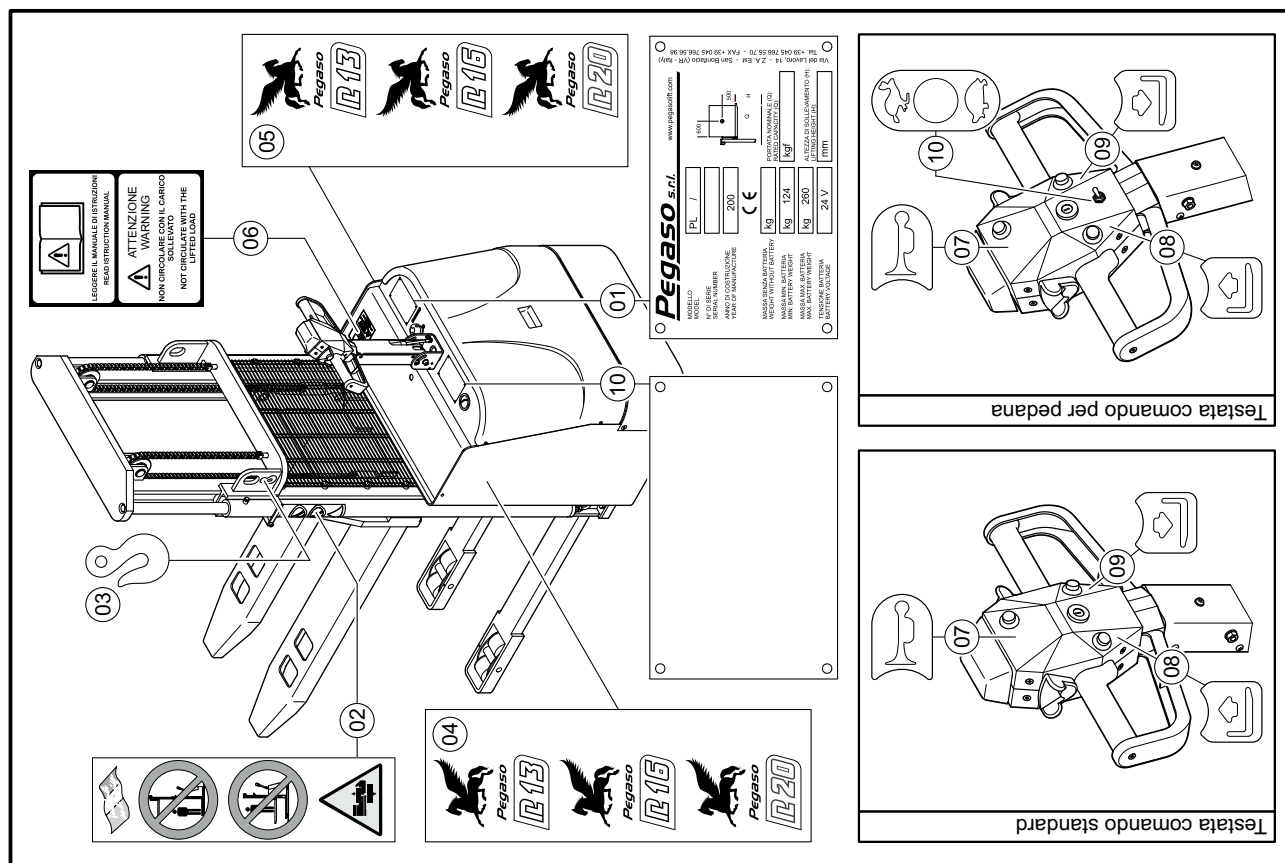
POS.	CODE	DESCRIPTION	U.Q.
01	GHK316-157188	Rod wiper	01
02	TTS 614L-40/48/5.8	Rod seal	01
03		Top threaded plug	01
04	OR833	O-Ring	01
05		Stop ring	01
06		Rod	01
07	OR214	O-Ring	01
08		Rod threaded bush	01
09	TPM9020-236173	Rod sealing elements	01
10		Plug	01
11		Cylinder body	01
12		Safety/block valve	01
13		Anti-extrusion ring for OR833	01



ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 21.00.00.000.000
DUPLIX TRIPLEX PL13 - PL16 - PL20 SERIES
 Stickers and plates

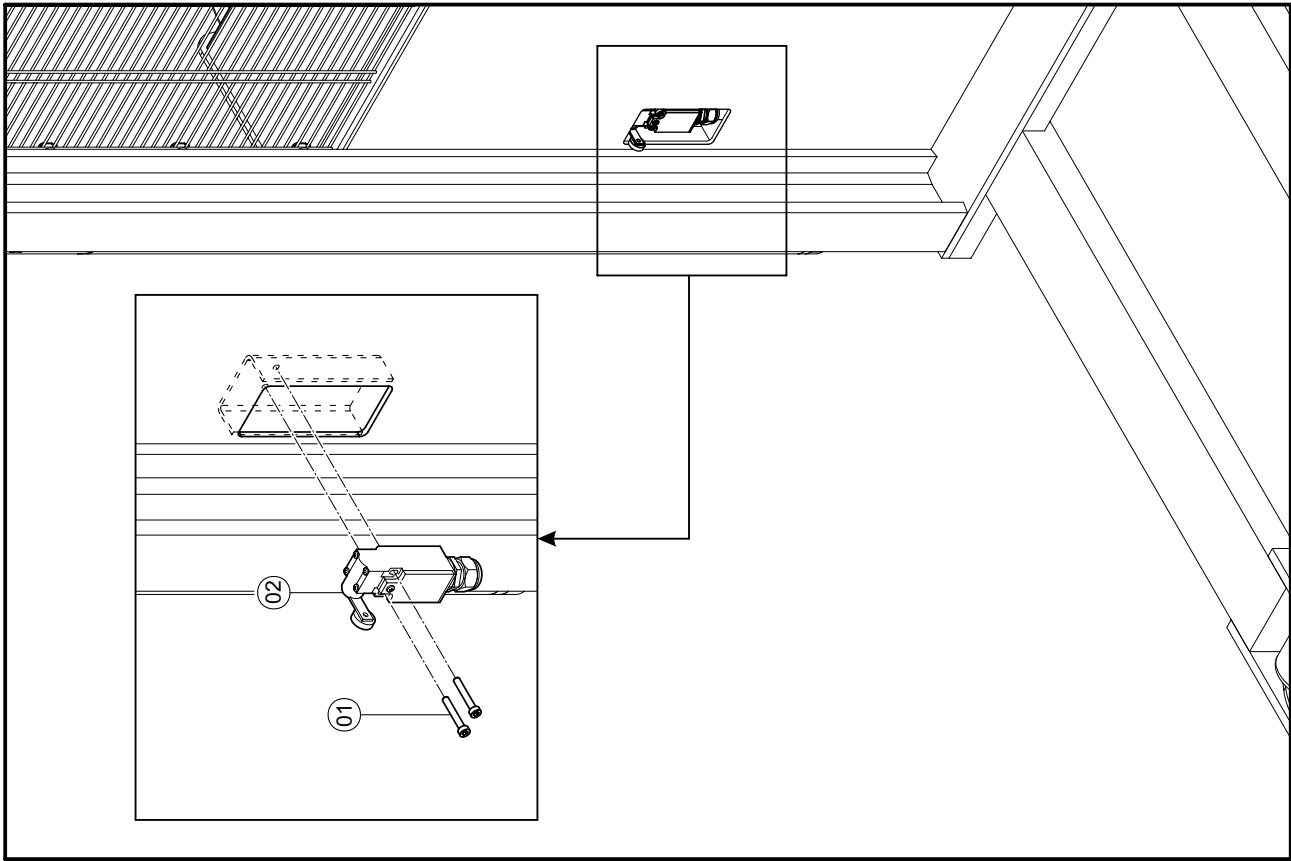
POS.	CODE	DESCRIPTION	U.Q.
01	TIPL13	PL13- Identification plate	01
	TIPL16	PL16- Identification plate	01
	TIPL20	PL20- Identification plate	01
02	EADVIETO	Warning and danger label	02
03	EAGANCIOBIANCO	Label indicating the lift moving point "HOOK" white	01
04	EALOGOP13SX	PL13- Lateral SX label with PL13 logo	01
	EALOGOP16SX	PL16- Lateral SX label with PL16 logo	01
	EALOGOP20SX	PL20- Lateral SX label with PL20 logo	01
05	EALOGOP13DX	PL13- Lateral DX label with PL13 logo	01
	EALOGOP16DX	PL16- Lateral DX label with PL16 logo	01
	EALOGOP20DX	PL20- Lateral DX label with PL20 logo	01
06	EAAVERTENZE	"WARNING" label	01
07	EACLAXON	"HORN" label	01
08	EASOLLEVAMENTO	Elevation and descent push button label	01
09	ET004-CEL	"HARE-TORTOISE" label	01
10	TCEPL	Optional indication tag	





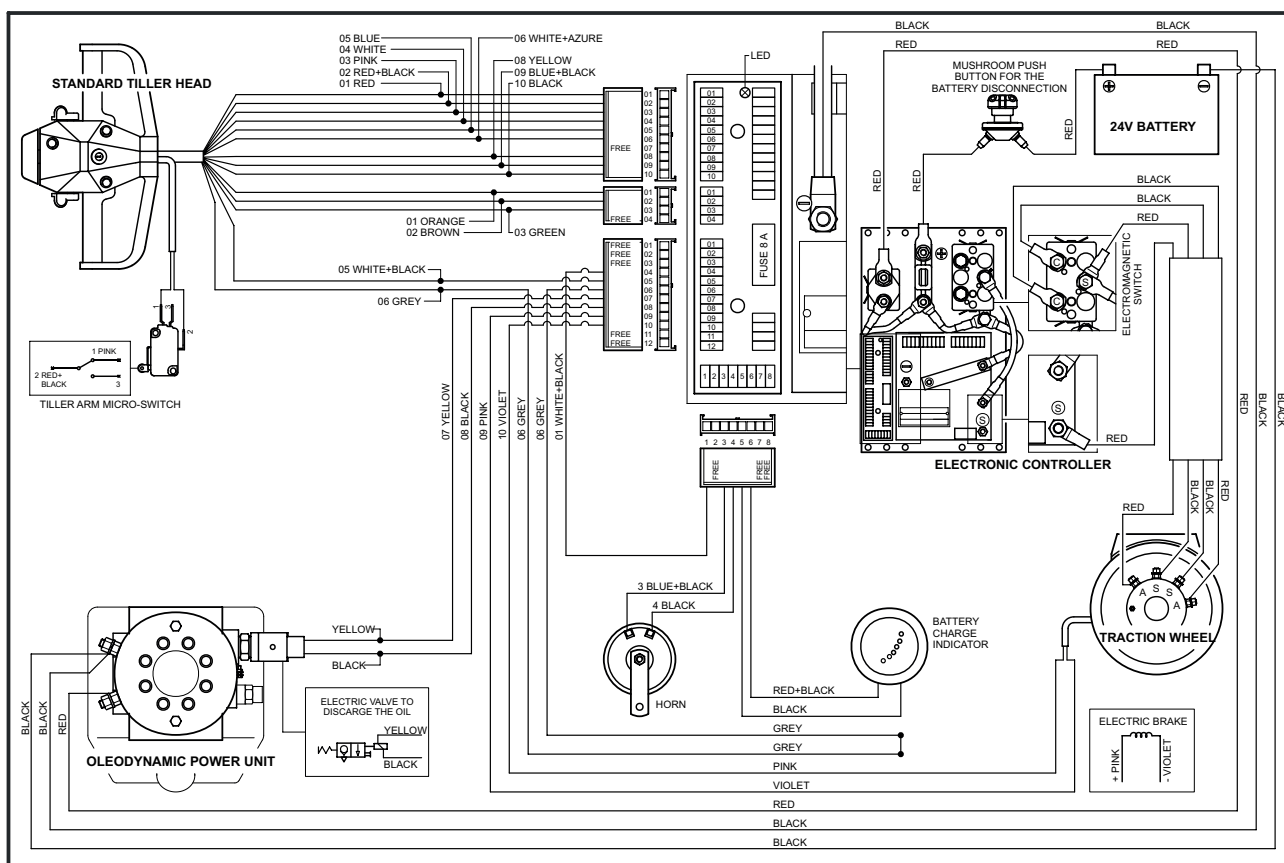
Pegasolift

Table 22.00.00.000.000
DUPLEX TRIPLEX PL13 - PL16 - PL20 SERIES
Automatic speed reduction with load lifted

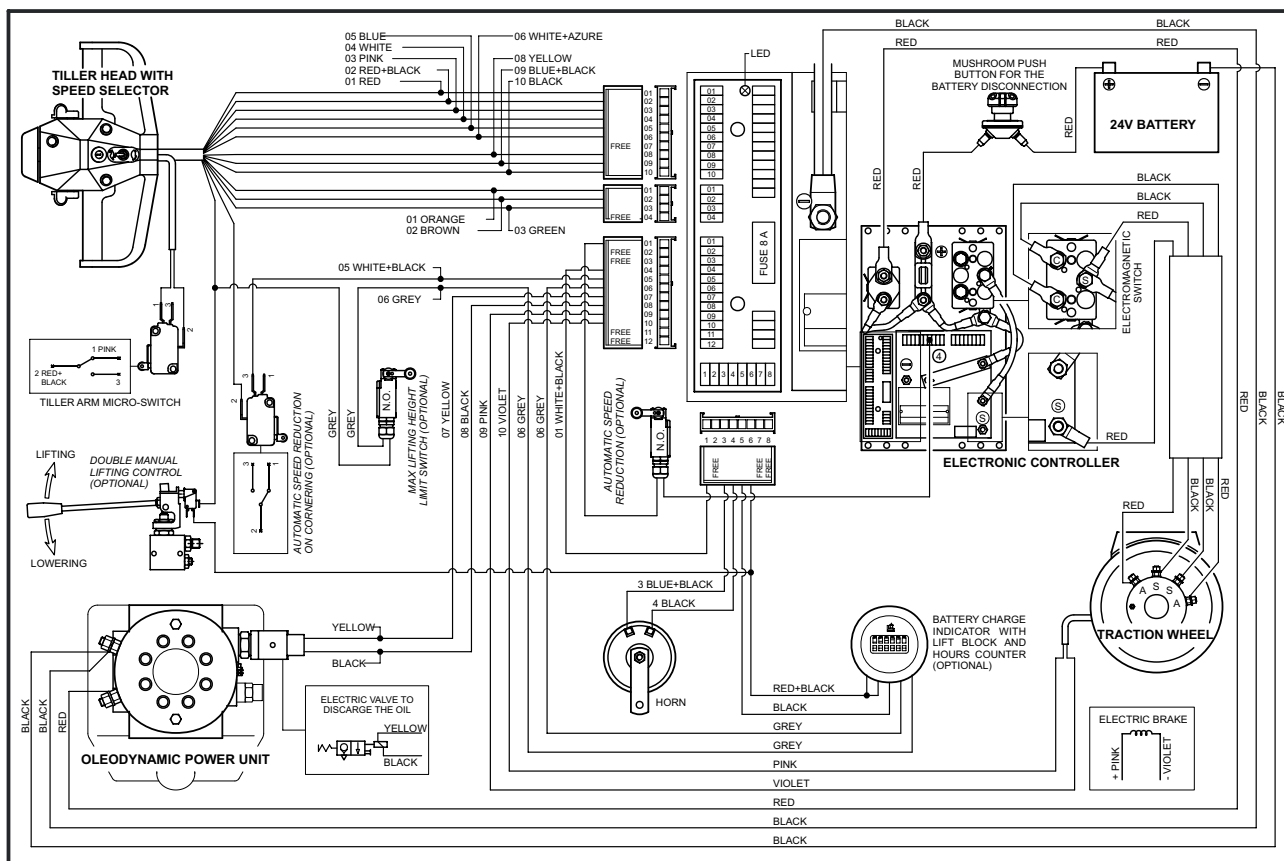


POS.	CODE	DESCRIPTION	U.Q.
01	Trade	Hexagon socket head cap screw (TCEI) M5x35 UNI5931	02
02	FR531	Automatic speed reduction with load lifted	01

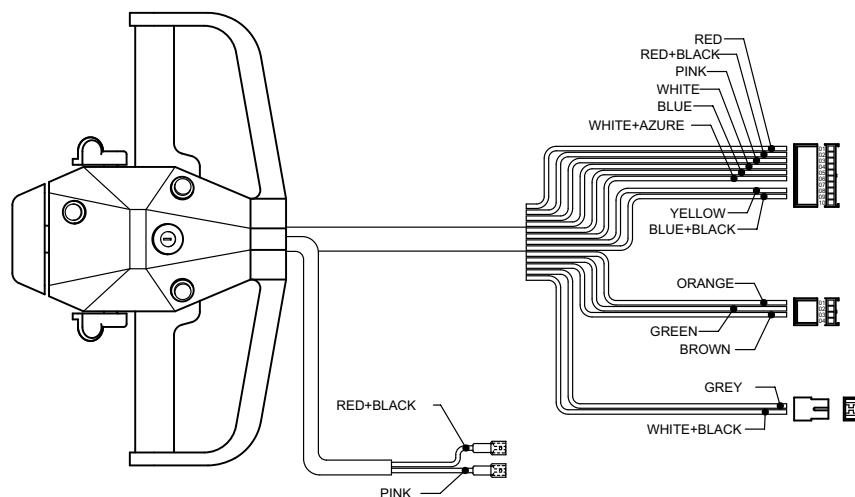
STANDARD PALLET STACKER



FULL OPTIONAL PALLET STACKER

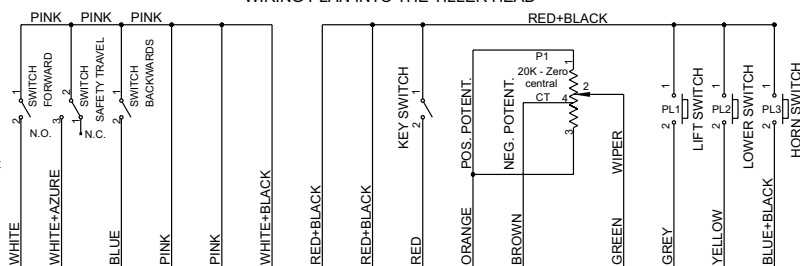


STANDARD PALLET STACKER

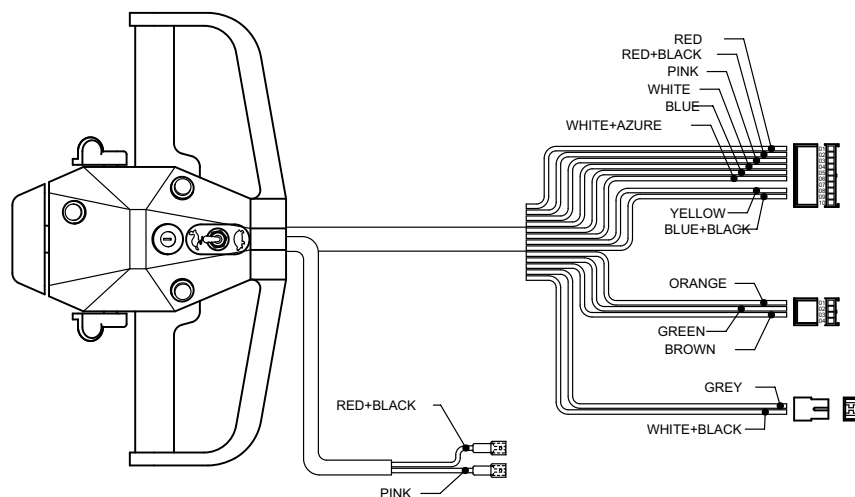


COLOUR:	FUNCTION:
GREY	- Positive of Oleodynamic power unit Electromagnetic switch
RED	- Key switch input
BLUE	- Backwards micro-switch output
WHITE	- Forward micro-switch output
ORANGE	- Positive of Potentiometer
GREEN	- Potentiometer wiper
BROWN	- Negative of Potentiometer
RED+BLACK	- Key switch output
WHITE+AZURE	- Safety travel direction switch output
YELLOW	- Positive of Oleodynamic power unit electric valve
BLUE+BLACK	- Positive of Horn
PINK	- Tiller arm micro-switch output
WHITE+BLACK	- Speed reduction not connected

WIRING PLAN INTO THE TILLER HEAD

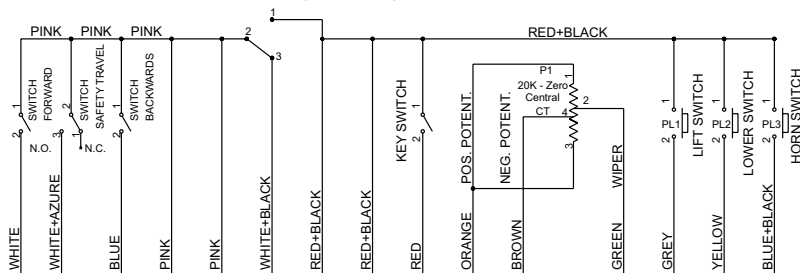


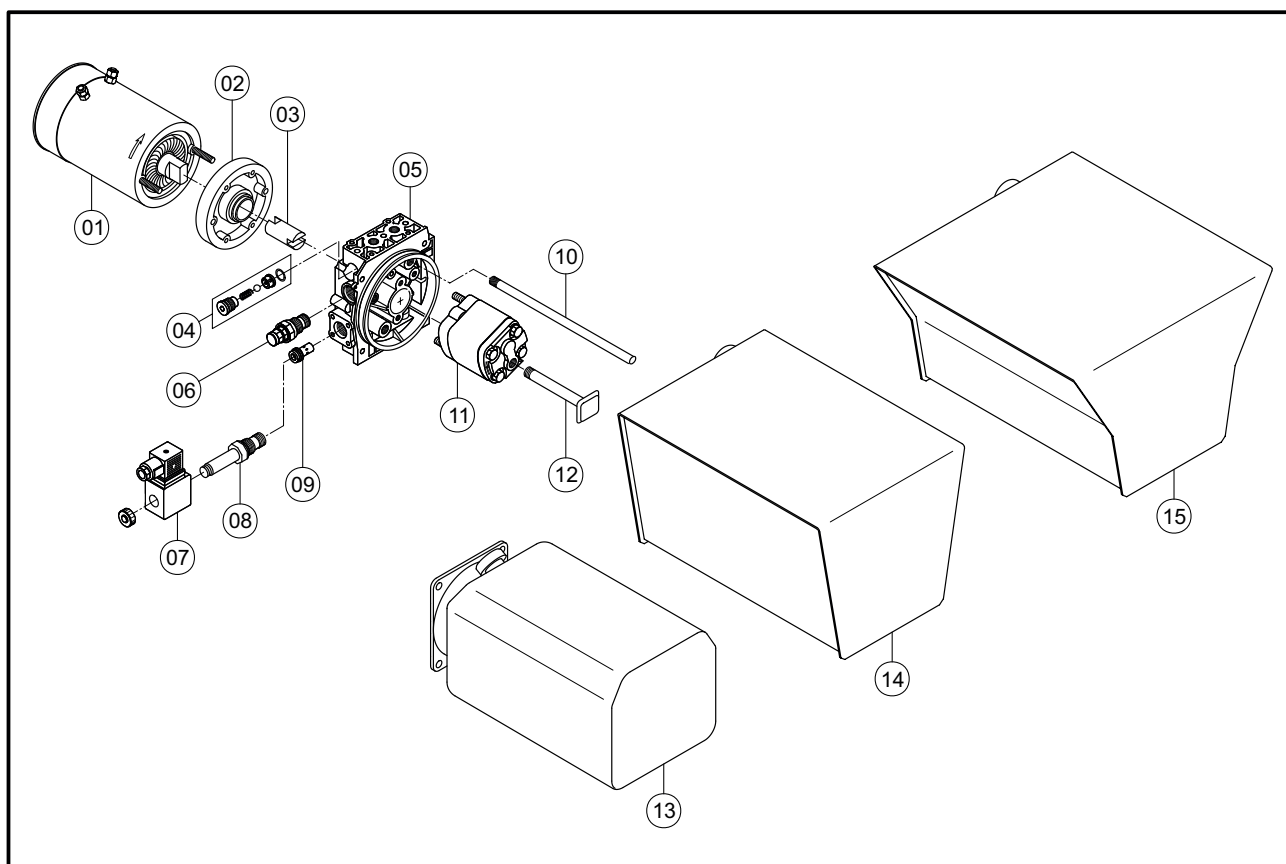
TILLER HEAD WITH SPEED SELECTOR



COLOUR:	FUNCTION:
GREY	- Positive of Oleodynamic power unit Electromagnetic switch
RED	- Key switch input
BLUE	- Backwards micro-switch output
WHITE	- Forwards micro-switch output
ORANGE	- Positive of Potentiometer
GREEN	- Potentiometer WIPER
BROWN	- Negative of Potentiometer
RED+BLACK	- Key switch output
WHITE+AZURE	- Safety travel direction switch output
YELLOW	- Positive of Oleodynamic power unit electric valve
BLUE+BLACK	- Positive of Horn
PINK	- Tiller arm micro-switch output
WHITE+BLACK	- Switch for the speed reduction output

WIRING PLAN INTO THE TILLER HEAD





POS.	CODE	DESCRIPTION	U.Q.
01		24V 300W direct current motor	01
02		Connecting flange	01
03		Intermediate connecting shaft	01
04	V3.892.26.000	Check valve.....	01
05		Mainfold body number 10.....	01
06	V3.889.12.A0Z	VMP15 Peak valve.....	01
07		Solenoid 24V DC.....	01
08		Electric valve cartridge	01
09	V3.895.19.00Z	STF14P Fixed compensated throttle valve	01
10		Return pipe.....	01
11		PL13 - Gear pump number 16 (3,7 cc).....	01
		PL16 & PL20 - Gear pump number 15 (3,2 cc).....	01
12		Suction pipe	01
13		H=2500D, H=2900D, H=3200D & H=3600D - Tank S205 (8 litres).....	01
14		H=4200D, H=4500D, H=4500T, H=5000T, H=5500T - Tank 9 litres.....	01
15		H=5500T with double gear pump optional - Tank 11 litres	01

FILED AT 15/06/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 42

- Part. 05 manifold body number 10
- Part. 09 STF14P Fixed compensated throttle valve



Table 02.DF.FC.000.000

DUPLEX PL13 - PL16 - PL20 SERIES

DUPLEX fixed mast exploded view (with max lifting height limit switch optional)

POS.	CODE	DESCRIPTION	U.Q.
01		DUPLEX fixed mast	01
02	MTPL13DFR2500	DUPLEX H=2500 - Protection net for DUPLEX H2500	01
	MTPL13DFR2900	DUPLEX H=2900 - Protection net for DUPLEX H2900	01
	MTPL13DFR3200	DUPLEX H=3200 - Protection net for DUPLEX H3200	01
	MTPL13DFR3600	DUPLEX H=3600 - Protection net for DUPLEX H3600	01
	MTPL13DFR4200	DUPLEX H=4200 - Protection net for DUPLEX H4200	01
	MTPL13DFR4500	DUPLEX H=4500 - Protection net for DUPLEX H4500	01
03	CTPL13D40501205	DUPLEX H=2500 - Plunger oleo-dynamic cylinder for DUPLEX H2500	02
	CTPL13D40501405	DUPLEX H=2900 - Plunger oleo-dynamic cylinder for DUPLEX H2900	02
	CTPL13D40501555	DUPLEX H=3200 - Plunger oleo-dynamic cylinder for DUPLEX H3200	02
	CTPL13D40501755	DUPLEX H=3600 - Plunger oleo-dynamic cylinder for DUPLEX H3600	02
	CTPL13D40502055	DUPLEX H=4200 - Plunger oleo-dynamic cylinder for DUPLEX H4200	02
	CTPL13D40502205	DUPLEX H=4500 - Plunger oleo-dynamic cylinder for DUPLEX H4500	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931	(*)
11	Trade	Slotted set screw M10x12 UNI5923	04
12	FR531	Max lifting height limit switch	01
13	Trade	Hexagon socket head cap screw (TCEI) M5x35 UNI5931	02

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

-For lifting height H=2,5 - 2,9 - 3,2

-For lifting height H=3,6 - 4,2 - 4,5

U.Q.= 8 pcs.

U.Q.= 12 pcs.

FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 05

- Changed the optional limit switch position

ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

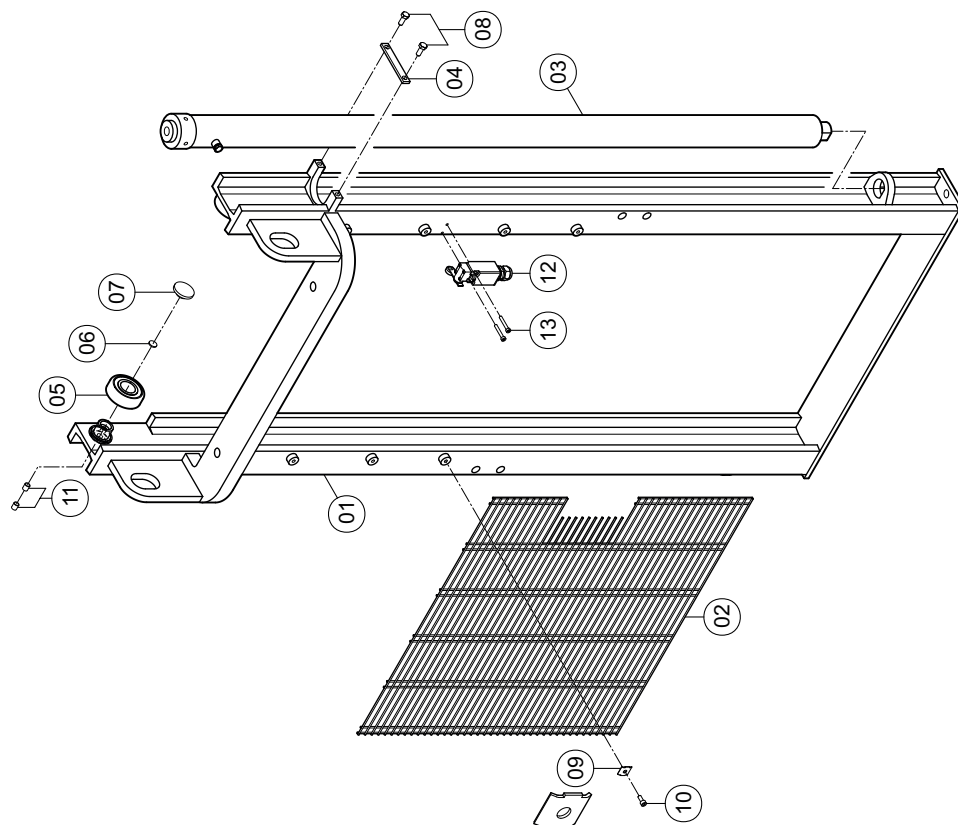


Table 02.TF.FC.000.000

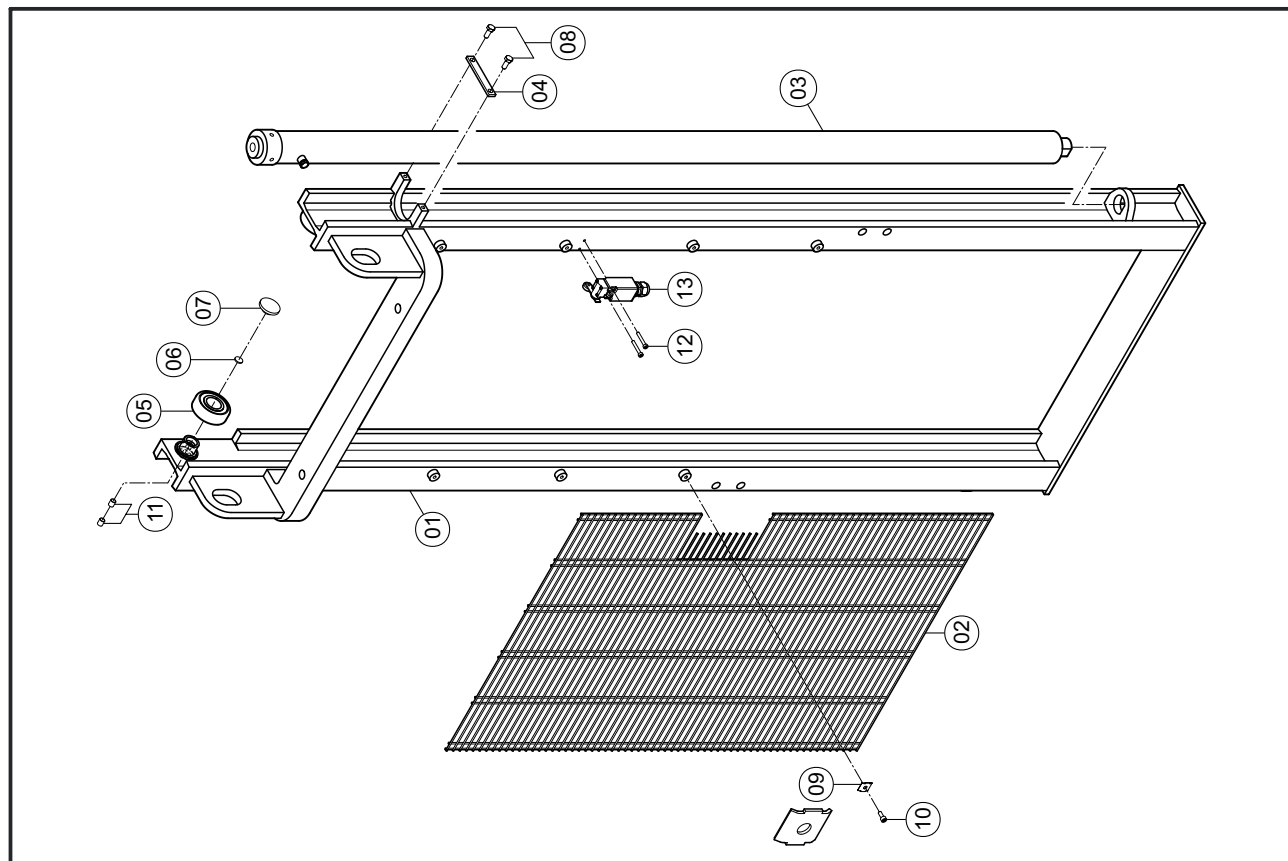
TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX fixed mast exploded view (with max lifting height limit switch optional)

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX fixed mast	01
02	MTPL13TFR4500	TRIPLEX H=4500 - Protection net for TRIPLEX H4500	01
	MTPL13TFR5000	TRIPLEX H=5000 - Protection net for TRIPLEX H5000	01
	MTPL13TFR5500	TRIPLEX H=5500 - Protection net for TRIPLEX H5500	01
03	CTPL13T40501470	TRIPLEX H=4500 - TRIPLEX H4500 Single-acting oleo-dynamic cylinder	02
	CTPL13T40501636	TRIPLEX H=5000 - TRIPLEX H5000 Single-acting oleo-dynamic cylinder	02
	CTPL13T40501802	TRIPLEX H=5500 - TRIPLEX H5500 Single-acting oleo-dynamic cylinder	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8×20 UNI5931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6×16 UNI5931	(*)
11	Trade	Slotted set screw M10×12 UNI5923	04
12	FR531	Max lifting limit switch	01
13	Trade	Hexagon socket head cap screw (TCEI) M5×35 UNI5931	02

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

- For lifting height H= 4,5 - 5,0 U.Q.= 8pcs.
- For lifting height H= 5,5 U.Q.= 12pcs.



FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 10
- Changed the optional limit switch position

ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 02.TF.FC.GAL.000

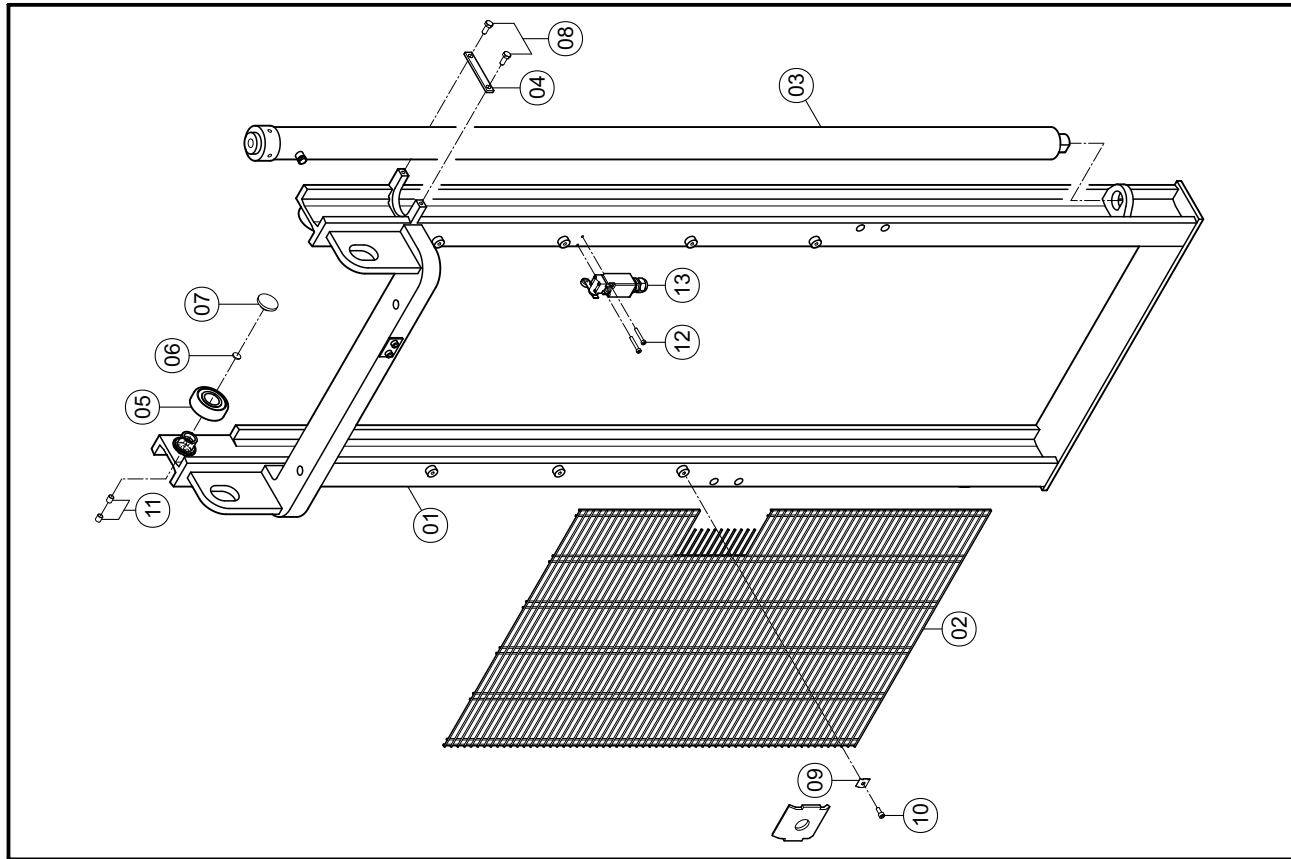
TRIPLEX GAL PL13 - PL16 - PL20 SERIES

TRIPLEX GAL fixed mast exploded view (with max lifting height limit switch optional)

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL fixed mast	01
02	MTPL13TFR4500	TRIPLEX H=4500 - Protection net for TRIPLEX H4500	01
	MTPL13TFR5000	TRIPLEX H=5000 - Protection net for TRIPLEX H5000	01
	MTPL13TFR5500	TRIPLEX H=5500 - Protection net for TRIPLEX H5500	01
03	CTPL13TG40501470	TRIPLEX GAL H=4500 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H4500	02
	CTPL13TG40501636	TRIPLEX GAL H=5000 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H5000	02
	CTPL13TG40501802	TRIPLEX GAL H=5500 - Plunger oleo-dynamic cylinder for TRIPLEX GAL H5500	02
04	MT054	Top keep-plate to fix the cylinder	01
05	MRS901	PL13 & PL16 - Ball bearing ø70	02
	MRS908	PL20 - Ball bearing ø78	02
06	AS.3005PS	Small disk for adjustable sliding block	02
07	10002.102	Adjustable sliding block	02
08	Trade	Hexagon socket head cap screw (TCEI) M8×20 UN15931	04
09	9142	Keep-plate for protection net	(*)
10	Trade	Hexagon socket head cap screw (TCEI) M6×16 UN15931	(*)
11	Trade	Slotted set screw M10×12 UN15923	04
12	FR531	Max lifting height limit switch	01
13	Trade	Hexagon socket head cap screw (TCEI) M5×35 UN15931	02

(*): The unitary quantity of details position 09 and 10 depends from the lifting height:

- For lifting height H= 4,5 - 5,0 U.Q.= 8 pcs.
- For lifting height H= 5,5 U.Q.= 12 pcs.



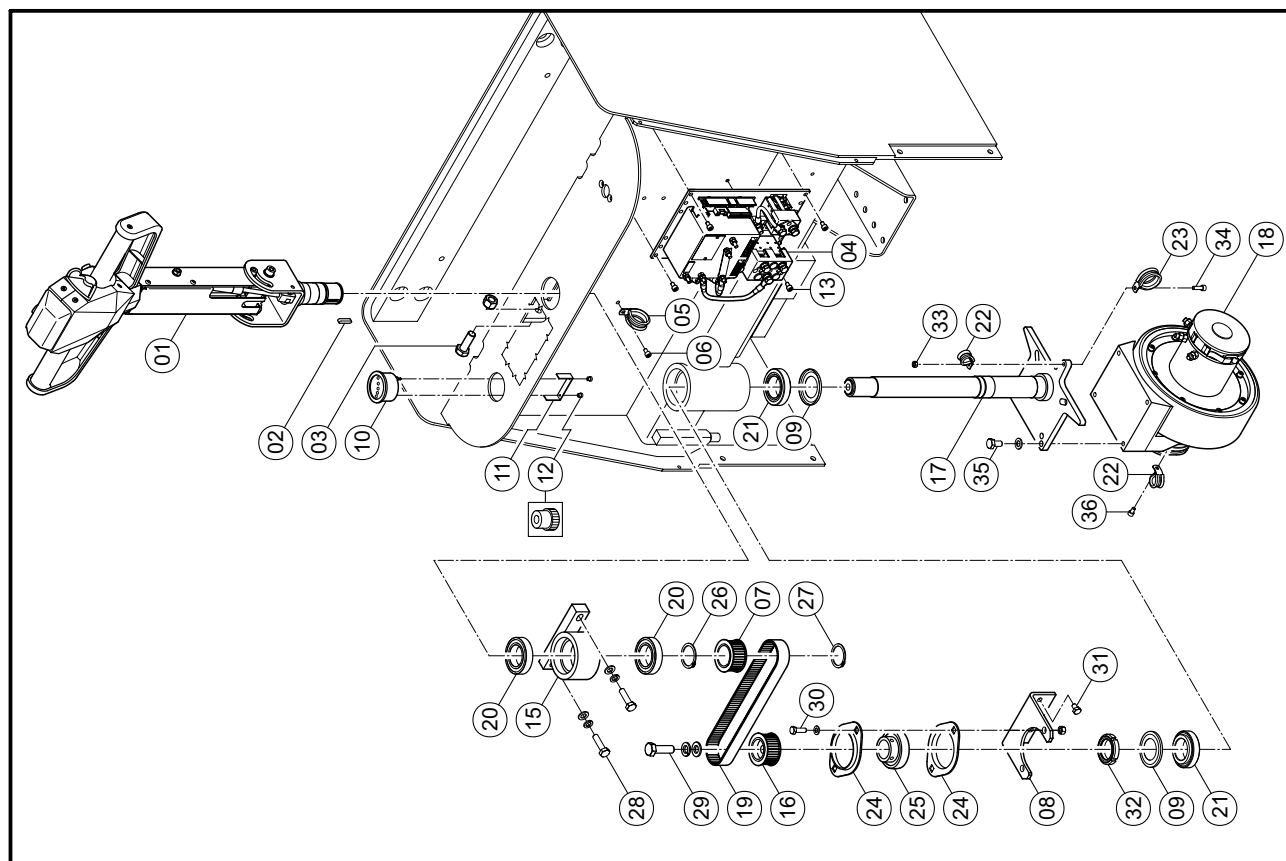
FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 16
- Changed the optional limit switch position

ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 08.00.00.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Standard steering exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Standard tiller arm	01
02	Trade	Woodruff key 6x6x28 UNI6604-A	01
03	Trade	Hexagon head screw (TE) M14x40 UNI5739 + Nut M14 UNI5588	01
04		Electronic controller TRTP MOS MICRO EKO 200.4 24V	01
05	21.098.000	Clamp with rubber for ø6 screw and Ø30 pipe	01
06	Trade	Hexagon socket head cap screw (TCE) M6x16 UNI5931	01
07	CS035.T	Sprocket pulley HTD 36-5M-25 for steering column	01
08	CS167	Upper bearing stirrup of traction wheel column	01
09	32008AV	Nilos	02
10	9227	Battery charge indicator	01
11	EL090	OPTIONAL - Battery charge indicator with lift-block and hour counter	01
12	9227/STF	Stirrup to fix the battery charge indicator (only spare part with item n° 37)	01
13	9227/BF	Threaded bush for battery charge indicator (only spare part with item n° 37)	02
14	Trade	Hexagon socket head cap screw (TCE) M6x16 UNI5931	04
15	CS119	Tiller bearing support	01
16	CS149	Sprocket pulley HTD 36-5M-25 for traction wheel column	01
17	CS151	Steering column for R250MC traction wheel	01
18	EL010	PL13 - R250MC 24V 1200W Series-excited traction wheel	01
19	EL010	PL16 & PL20 - R250MC 24V 1400W Series-excited traction wheel	01
20	GT3-665-5MGT-25	Cog belt	01
21	6008-2RS1	Radial ball bearing ø40xØ68x15	02
22	32008X/Q	Taper roller bearing ø40xØ68x16	02
23	21.021.000	Clamp with rubber for ø6 screw and Ø6 pipe	01
24	21.098.000	Clamp with rubber for ø6 screw and Ø30 pipe	01
25	PFT35TF	Y support ø35 with slotted set screws consist of:	01
26		Plate stirrup for Ø35 Y bearing support with slotted set screws	02
27		ø35 Y Bearing with slotted set screws	01
28		Retaining ring for shafts ø40 UNI7435	01
29		Retaining ring for shafts ø38 UNI7435	01
30		Hexagon head screw (TE) M10x40 UNI5739 + Spring lock washer ø10,5x20 UNI659202	01
31		Hexagon head screw (TE) M14x60 UNI5739 + Spring lock washer ø14,2x24,1 UNI1751-A + Washer ø15x28 UNI6592	01
32		Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592 + Self-locking nut M10 DIN985	02
33		Slotted round nut M40x1.5	01
34		Self-locking nut M6 DIN985	01
35		Hexagon socket head cap screw (TCE) M6x20 UNI5931	01
36		Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592	04
		Cross recessed cheese-headed screw M5x10 UNI7687 + Washer ø5,3x10 UNI6592	01



FILED AT 27/10/2006

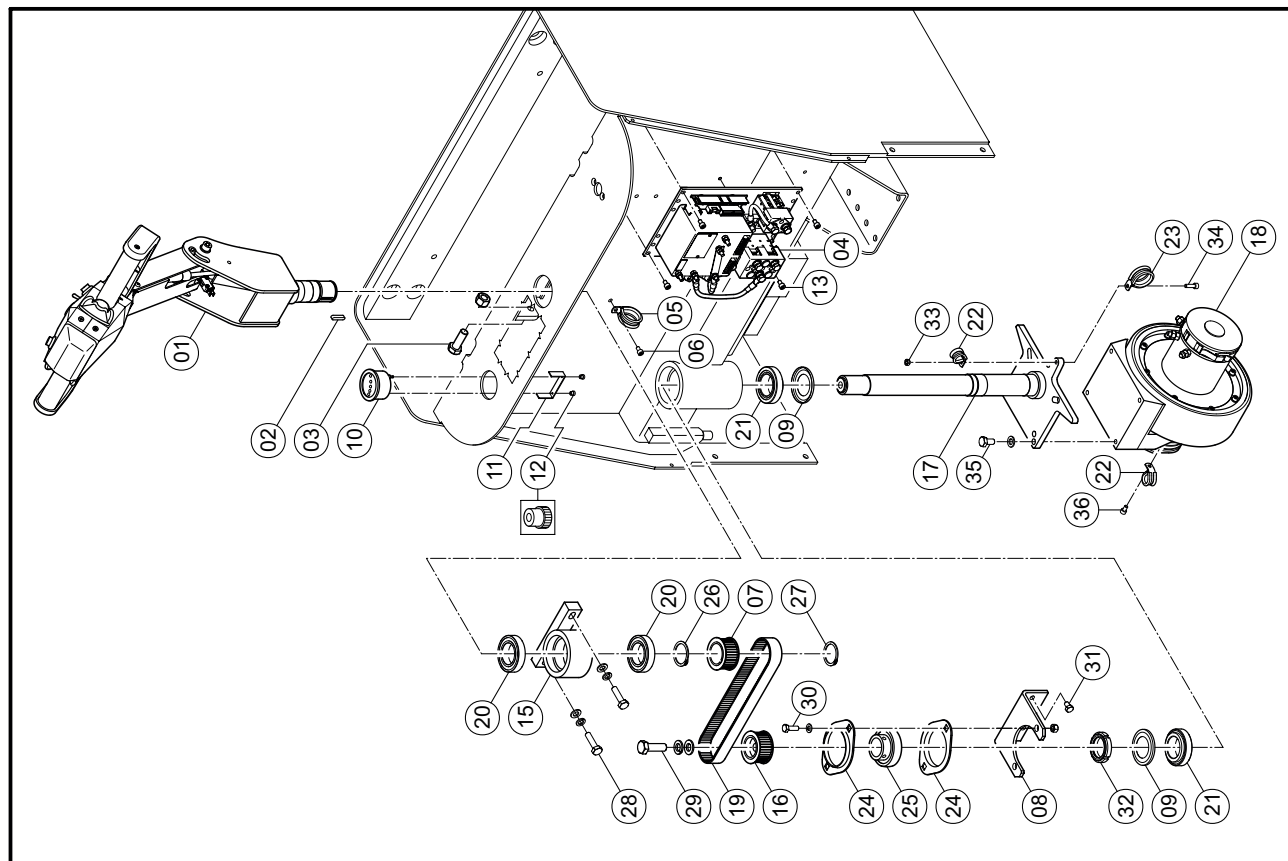
MODIFICATION FROM THE NEW SCHEDULE AT PAG. 23
 - Changed the cog belt with a chain

Table 08.00.PD.000.000

SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES

Steering exploded view (pallet stacker with platform for operator optional)

POS.	CODE	DESCRIPTION	U.Q.
01		Platform for operator tiller.....	01
02	Trade	Woodruff key 6x6x28 UNI6604-A.....	01
03	Trade	Hexagon head screw (TE) M14x40 UNI5739 + Nut M14 UNI5588.....	01
04		Electronic controller TRTP MOS MICRO EKO 250.4 24V.....	01
05	21.098.000	Clamp with rubber for ø6 screw and ø30 pipe.....	01
06	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931.....	01
07	CS035.T	Sprocket pulley HTD 36-5M-25 for steering column.....	01
08	CS167	Upper bearing stirrup of traction wheel column.....	01
09	32008AV	Nilos.....	02
10	9227	Battery charge indicator.....	01
11	EL090	OPTIONAL - Battery charge indicator with lift-block and hours counter.....	01
12	9227/STF	Stirrup to fix the battery charge indicator (only spare part. with item n. 37).....	01
13	9227/BF	Threaded bush for battery charge indicator (only spare part with item n. 37).....	02
15	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931.....	04
16	CS119	Tiller bearing support.....	01
17	CS149	Sprocket pulley HTD 36-5M-25 for steering column.....	01
18	CS151	Steering column for R250MC traction wheel.....	01
19	EL010	PL13 - R250MC 24V 1200W Series-excited traction wheel.....	01
20	EL010	PL16 & PL20 - R250MC 24V 1400W Series-excited traction wheel.....	01
21	GT3-665-5MGT-25	Cog belt.....	01
22	6008-2RS1	Radial ball bearing ø40xØ68x15.....	02
23	32008X/Q	Taper roller bearing ø40xØ68x16.....	02
24	21.021.000	Clamp with rubber for ø6 screw and ø6 pipe.....	01
25	21.098.000	Clamp with rubber for ø6 screw and ø30 pipe.....	01
26	PFT35TF	Y support Ø35 with slotted set screws consist of.....	01
27	YAR207-2F	Plate stirrup for Ø35 bearing support with slotted set screws.....	02
28	Trade	Ø35 Y Bearing with slotted set screws.....	01
29	Trade	Retaining ring for shafts ø40 UNI7435.....	01
30	Trade	Retaining ring for shafts ø38 UNI7435.....	01
31	Trade	Hexagon head screw (TE) M10x40 UNI5739 + Spring lock washer ø10,5x17,5 UNI1751-A + Washer ø10,5x20 UNI659202.....	01
32	Trade	Hexagon head screw (TE) M14x60 UNI5739 + Spring lock washer ø14,2x24,1 UNI1751-A + Washer ø15x28 UNI6592.....	01
33	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592 + Self-locking nut M10 DIN985.....	02
34	Trade	Slotted round nut M40x1.5.....	01
35	Trade	Self-locking nut M6 DIN985.....	01
36	Trade	Hexagon socket head cap screw (TCEI) M6x20 UNI5931.....	01
	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	04
	Trade	Cross recessed cheese-headed screw M5x10 UNI7687 + Washer ø5,3x10 UNI6592.....	01



FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 26

- Changed the cog belt with a chain

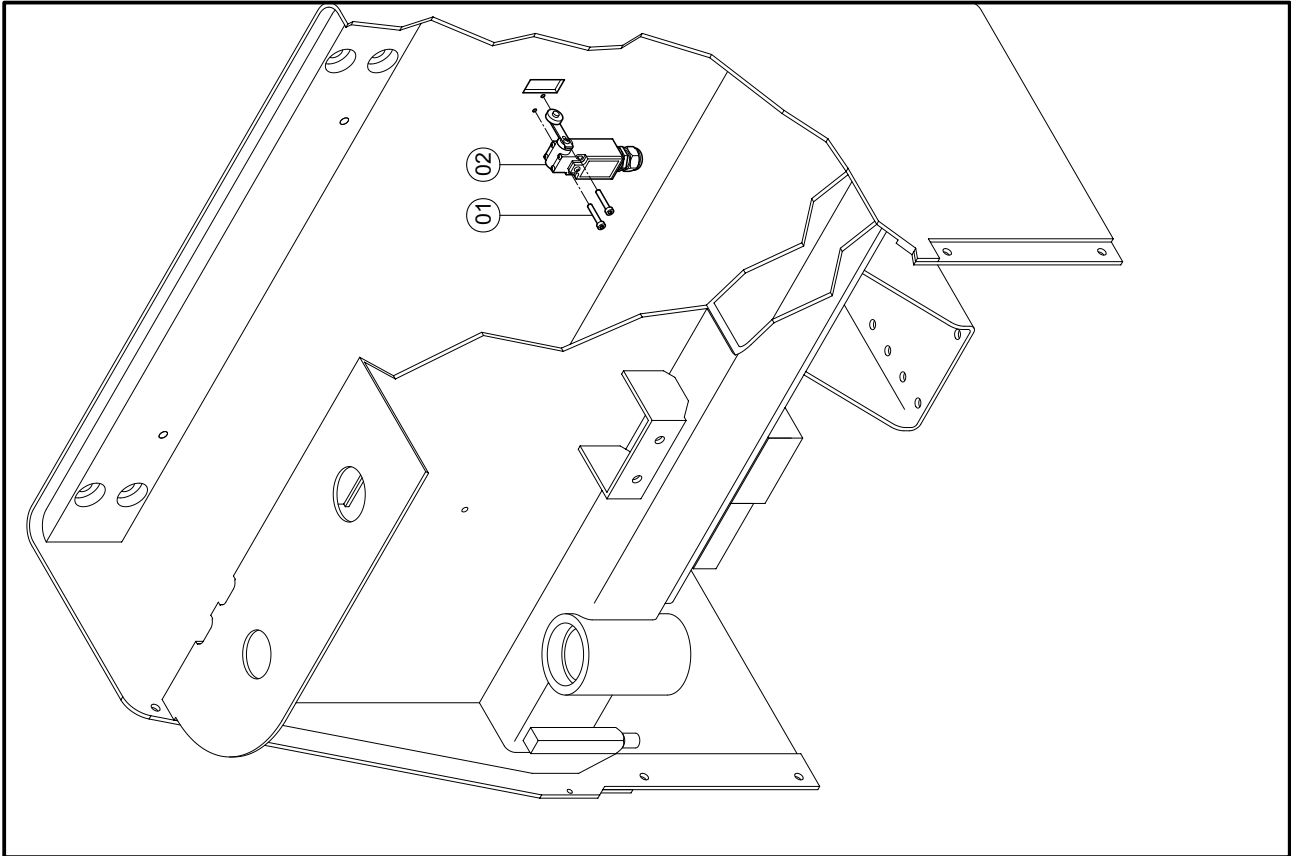


Pegasolift

Table 22.00.00.000.000
DUPLEX TRIPLEX PL13 - PL16 - PL20 SERIES
Automatic speed reduction with load lifted

OPTIONAL FOR LIFTING HEIGHT LOWER THAN 3600 MM; STANDARD EQUIPMENT FOR LIFTING HEIGHT EQUAL OR HIGHER THAN 4200 MM

POS.	CODE	DESCRIPTION	U.Q.
01	Trade	Hexagon socket head cap screw (TCEI) M5x35 UNI5931.....	02
02	FR531	Automatic speed reduction with load lifted	01



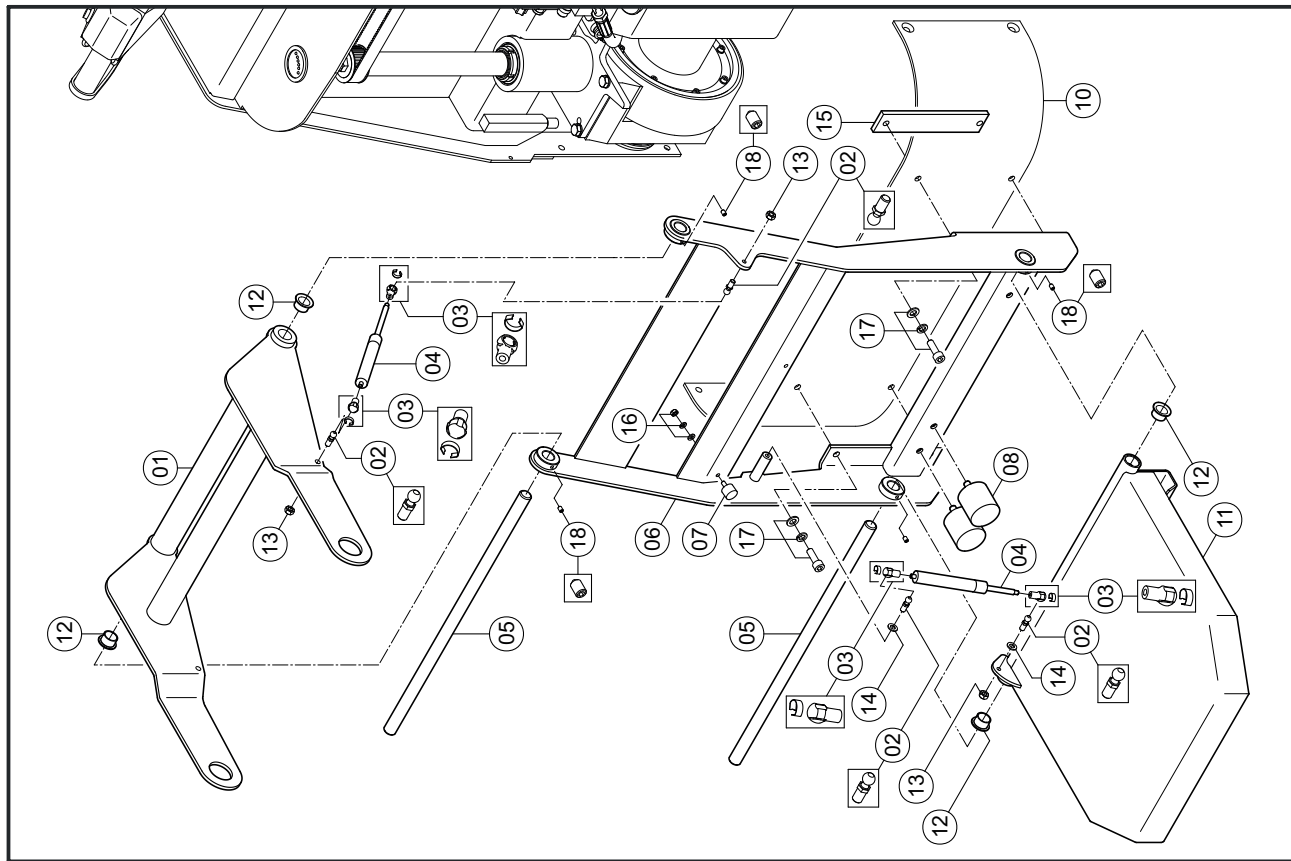
FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 47
- Changed the position of the switch



Table 11.00.PD.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Platform for operator exploded view (optional)

POS.	CODE	DESCRIPTION	U.Q.
01	PDPL003	Platform for operator arms.....	01
02		M8 Pin (only spare part with item n. 04).....	04
03		Gas spring head (only spare part with item n. 04).....	04
04	CS042	GAS Spring S=300, C=90 e L=252.....	02
05	PDPL008	Pin for the rotation of platform for operator and arms.....	02
06	PDPL001	Platform for operator frame.....	01
07	PM20/15	Cylindric vibration damper ø20x15.....	03
08	PM50/50	Cylindric vibration camper ø50x50.....	04
10	CS138	PL13 - Rear lower plate.....	01
11	CS132	PL16 & PL20 - Rear lower plate.....	01
12	PDPL002	Platform.....	01
13	202316.5	PTFE composed bush.....	04
14	Trade	Nut M8 UNI5589.....	03
15	Trade	Washer ø8, 4x16 UNI6592.....	01
16	CS127	Plate to reinforce the platform fixing.....	02
17	Trade	Nut M6 UNI5589 + Washer ø6,4x12 UNI6592 + Spring lock washer ø6,4x11,4 UNI1751A.....	03
18	Trade	Hexagon socket head cap screw (TCEI) M10x25 UNI5931 + Washer ø10,5x20 UNI6592 + Spring lock washer ø10,5x17,504.....	04
	Trade	Slotted set screw M6x10 UNI5923.....	04

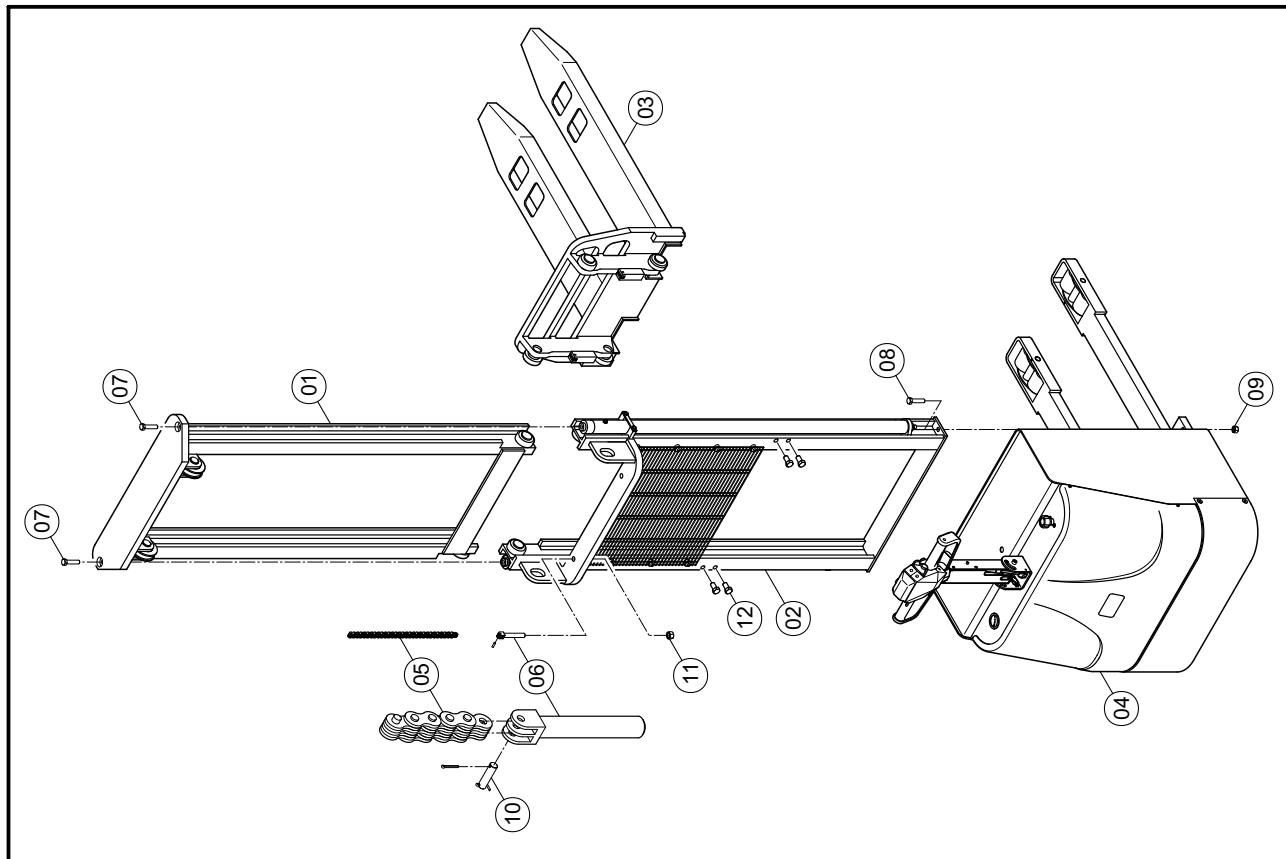


FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 29
- Changed the platform and the position of the cylindric vibration damper.

Table 01.DX.00.000.000
DUPLEX PL13 - PL16-PL20 SERIES
DUPLEX pallet stacker general exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		DUPLEX mobile mast.....	01
02		DUPLEX fixed mast.....	01
03		Fork.....	01
04		Chassis.....	01
05	Trade	PL13 & PL16 - FLEYER BL534 chain.....	02
06	Trade	PL20 - FLEYER BL566 chain.....	02
07	03000523	PL13 & PL16 - Chain stretcher for BL534 chain.....	02
08	CTT 30125566.T	PL20 - Chain stretcher for BL534 chain.....	02
09	Trade	Hexagon head screw (TE) M16x40 UNI5739 + Washer ø17x30 UNI6592.....	02
10	Trade	Hexagon head screw (TE) M14x55 UNI5739 + Washer ø15x28 UNI6592.....	02
11	Trade	Self-locking nut M16 DIN985.....	02
12	18109P	PL13 & PL16 - Hooking pin for BL534 chain stretcher + Split pin.....	02
	18112P	PL20 - Hooking pin for BL566 chain stretcher + Split pin.....	02
	Trade	Self-locking nut M16 DIN985.....	02
	Trade	Hexagon head screw (TE) M16x45 UNI5739 + Washer ø17x30 UNI6592.....	04

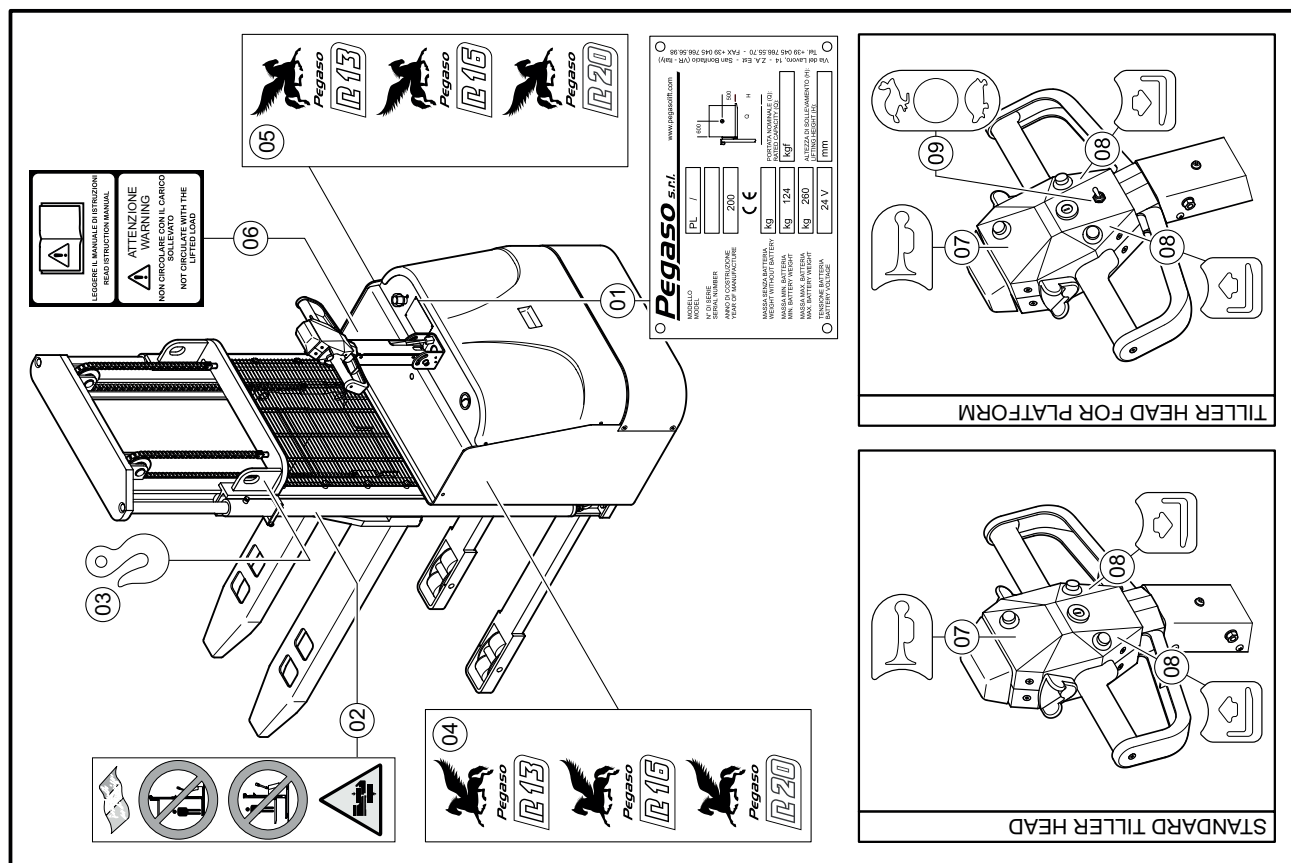


FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 03
 - Changed the Duplex mobile mast (added the runner for the automatic speed reduction) .

Table 21.00.00.000.000
DUPLIX TRIPLEX PL13 - PL16 - PL20 SERIES
 Stickers and plates

POS.	CODE	DESCRIPTION	U.Q.
01	TIPL13	PL13 - Identification plate	01
	TIPL16	PL16 - Identification plate	01
	TIPL20	PL20 - Identification plate	01
02	EADVIETO	Warning and danger label	02
03	EAGANCIOWHITE	Label indicating the lift moving point "HOOK" white	01
04	EALOGOP13SX	PL13 - Lateral SX label with PL13 logo	01
	EALOGOP16SX	PL16 - Lateral SX label with PL16 logo	01
	EALOGOP120SX	PL20 - Lateral SX label with PL20 logo	01
05	EALOGOP13DX	PL13 - Lateral DX label with PL13 logo	01
	EALOGOP16DX	PL16 - Lateral DX label with PL16 logo	01
	EALOGOP120DX	PL20 - Lateral DX label with PL20 logo	01
06	EAAWVERTENZE	"WARNING" label	01
07	EAHORN	"HORN" label	01
08	EASOLLEVAMENTO	Elevation and descent push button label	01
09	ET004-CEL	"HARE-TORTOISE" label	01



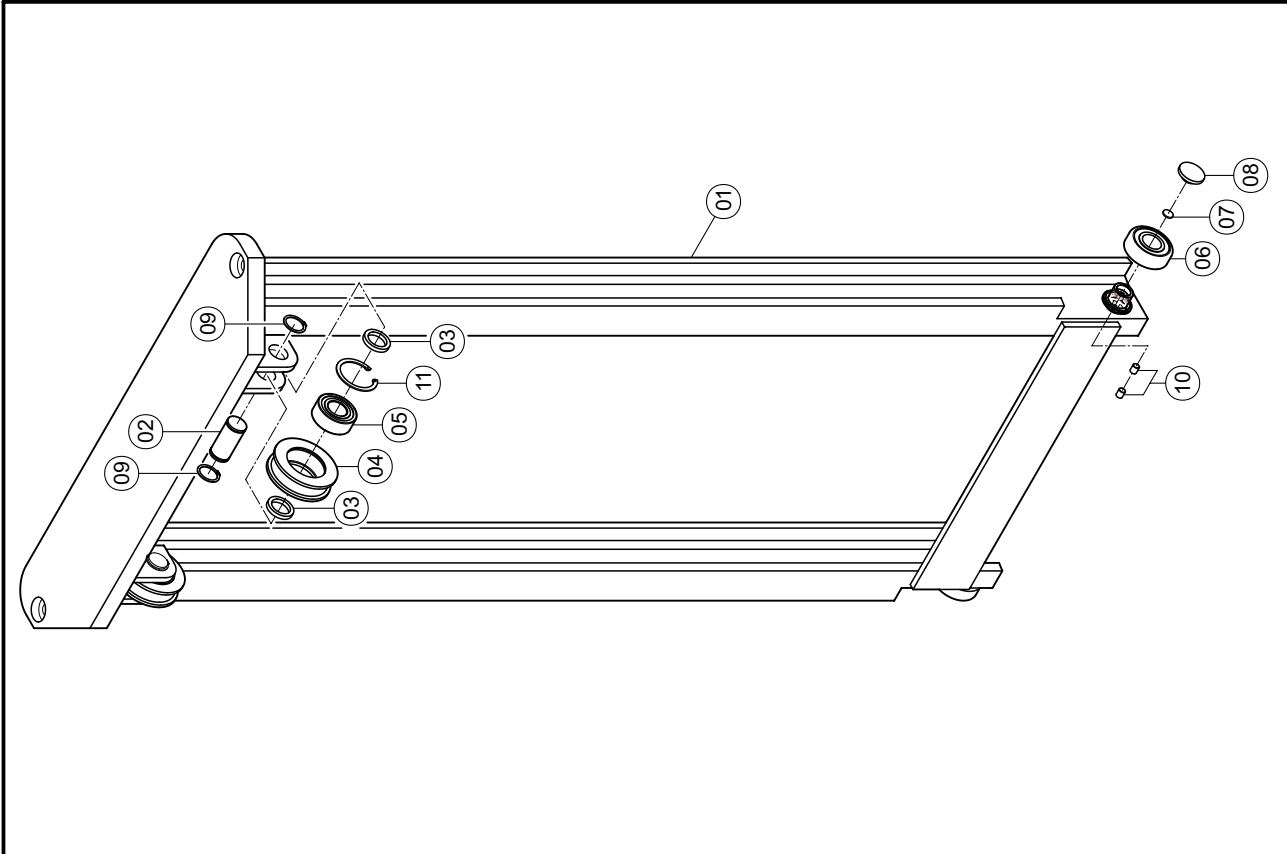
FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 46
- Added the optional tag .



Table 03.DM.00.000.000
DUPLEX PL13 - PL16 - PL20 SERIES
DUPLEX mobile mast exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Duplex mobile mast.	01
02	MT023.T	Mobile mast chain pulley pin	02
03	MT081.T	PL13 & PL16 - Pulley spacer L=9,5	04
	MT052.T	PL20 - Pulley spacer L=6,5	04
04	MT051.T	PL13 & PL16 - BL534 Chain pulley	02
	MT062.T	PL20 - BL566 Chain pulley	02
05	3202A-2RS 1	PL13 & PL16 - Radial bearing with 2 crowns of balls $\varnothing 30 \times \varnothing 62 \times 23,8$	02
	3306A-2RS 1	PL20 - Radial bearing with 2 crowns of balls $\varnothing 30 \times \varnothing 72 \times 30,2$	02
06	MRS901	PL13 & PL16 - Ball bearing $\varnothing 70$	02
	MRS908	PL20 - Ball bearing $\varnothing 78$	02
07	AS.3005PS	Small disk for adjustable sliding block	02
08	10002.102	Adjustable sliding block	02
09	Trade	Retaining ring for shafts $\varnothing 30$ UNI7435	04
10	Trade	Slotted set screw M10x12 UNI5923	04
	Trade	PL13 & PL16 - Retaining ring for bores $\varnothing 62$ UNI7437	02
11	Trade	PL20 - Retaining ring for bores $\varnothing 72$ UNI7437	02



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MODIFICATION FROM THE NEW SCHEDULE AT PAG. 06
- Added the runner for the automatic speed reduction.

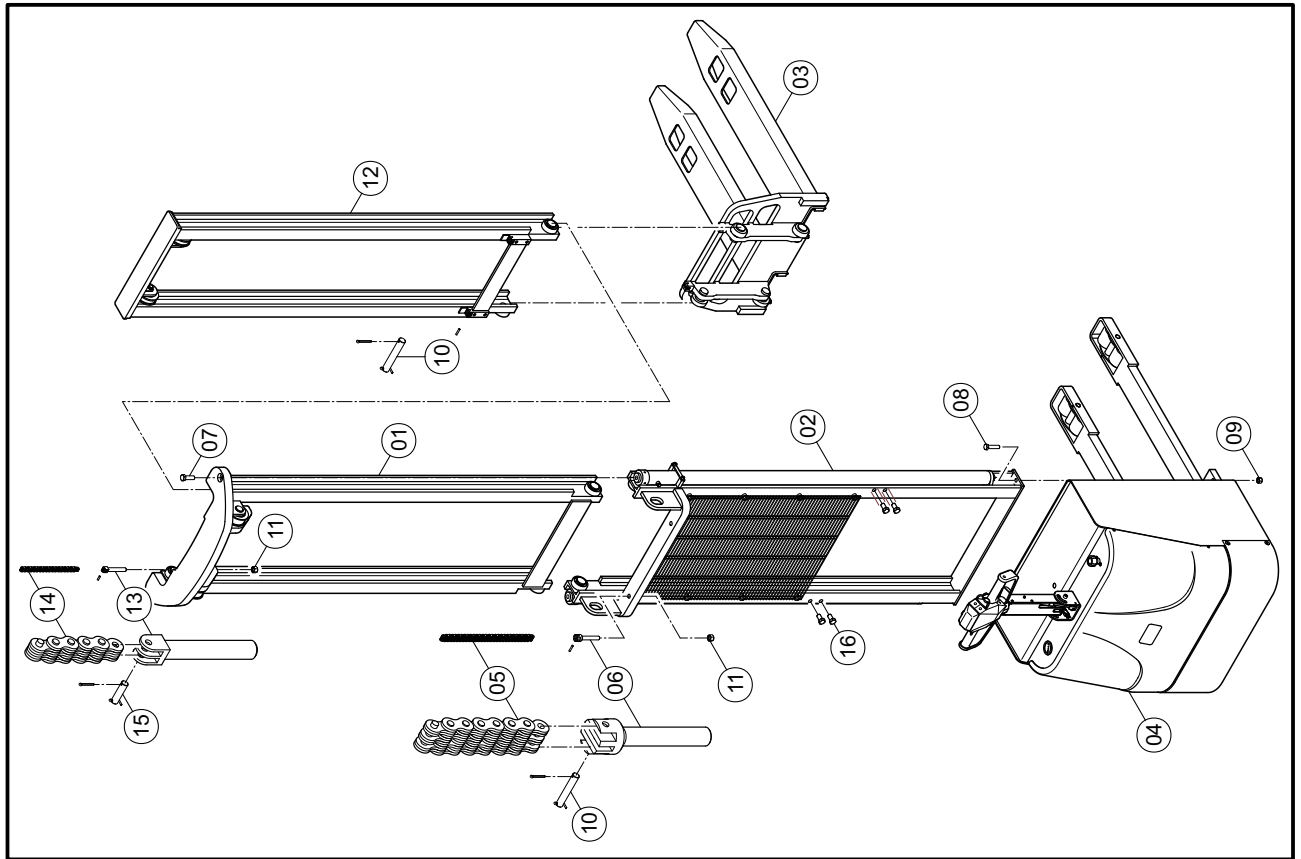
ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 01. TX.00.000.000

TRIPLEX PL13 - PL16 - PL20 SERIES

TRIPLEX pallet stacker general exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX first mobile mast assembly	01
02		TRIPLEX fixed mast assembly	01
03		Forks assembly	01
04		Chassis assembly	01
05		FLEYER BL566 chain	02
06	Trade	Chain stretcher for BL566 chain	02
07	CTT30125566.T	Hexagon head screw (TE) M16x40 UNI5739 + Washer ø17x30 UNI6592	02
08	Trade	Hexagon head screw (TE) M14x55 UNI5739 + Washer ø15x28 UNI6592	02
09	Trade	Self-locking nut M16 DIN985	02
10	18112P	Hooking pin for BL566 chain tension rod + Split pin	02
11	Trade	Self-locking nut M16 DIN985	02
12		TRIPLEX second mobile mast assembly	01
13	03000523	PL13 & PL16 - Chain stretcher for BL534 chain	02
14	CTT30125566.T	PL20 - Chain stretcher for BL566 chain	02
15	Trade	PL13 & PL16 - FLEYER BL534 chain	02
16	18109P	PL13 & PL16 - Hooking pin for BL534 chain tension rod + Split pin	02
	18112P	PL20 - Hooking pin for BL566 chain tension rod + Split pin	02
	Trade	Hexagon head screw (TE) M16x45 UNI5739 + Washer ø17x30 UNI6592	04



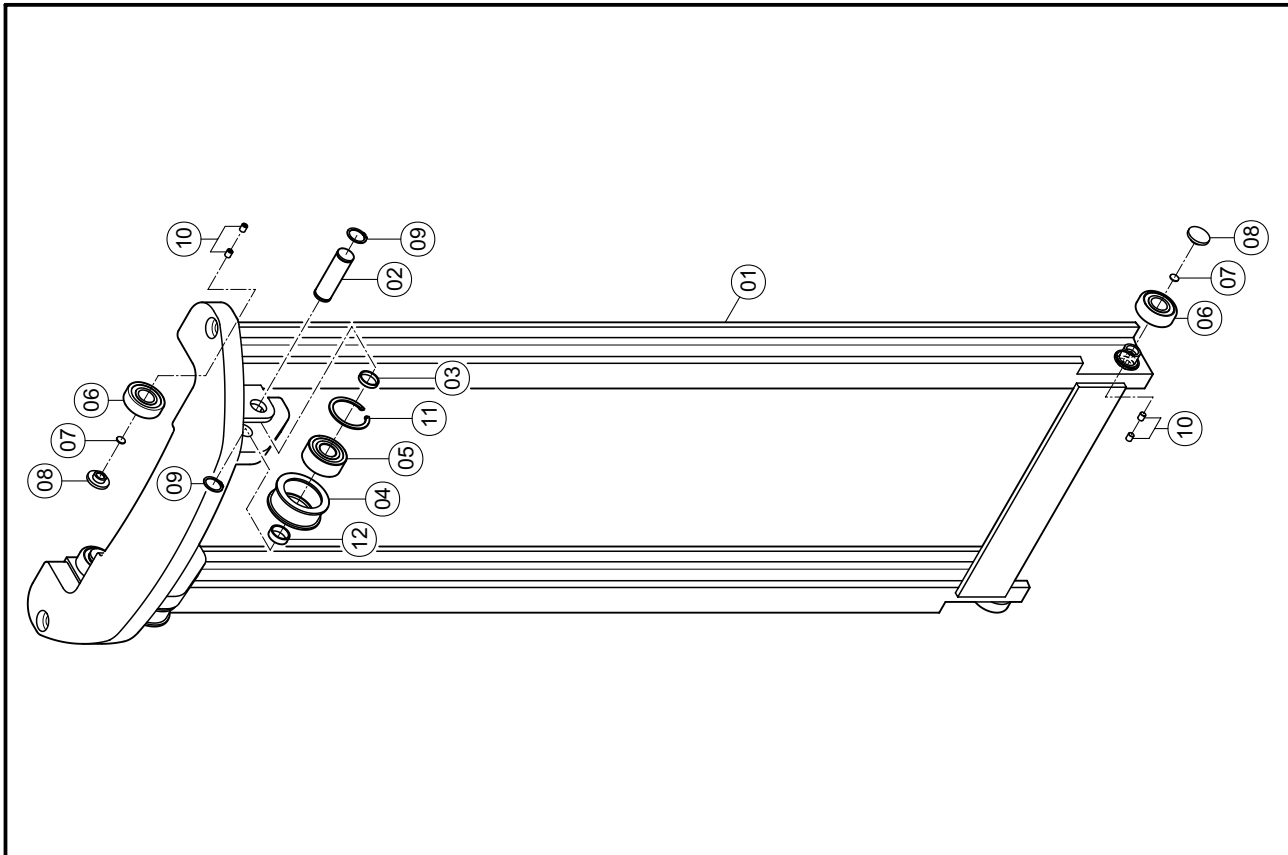
FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 08

- Changed the Triplex second mobile mast (added the runner for the automatic speed reduction) .

Table 03. T1.00.000.000
TRIPLEX PL13 - PL16 - PL20 SERIES
TRIPLEX first mobile mast exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX first mobile mast	01
02	MT022.T	First mobile mast chain pulley pin	02
03	MT052.T	Pulley spacer L=6,5	02
04	MT062.T	BL566 Chain pulley	02
05	3306 A-2RS 1	Radial bearing with 2 crowns of balls $\phi 30 \times \phi 72 \times 30,2$	02
06	MRS901	PL13 & PL16 - Ball bearing $\phi 70$	04
	MRS908	PL20 - Ball bearing $\phi 78$	04
07	AS 3005PS	Small disk for adjustable sliding block	04
08	10002.102	Adjustable sliding block	04
09	Trade	Retaining ring for shafts $\phi 30$ UNI7435	04
10	Trade	Slotted set screw M10x12 UNI5923	04
11	Trade	Retaining ring for bores $\phi 72$ UNI7437	02
12	MT053.T	Pulley spacer L=11,5	02

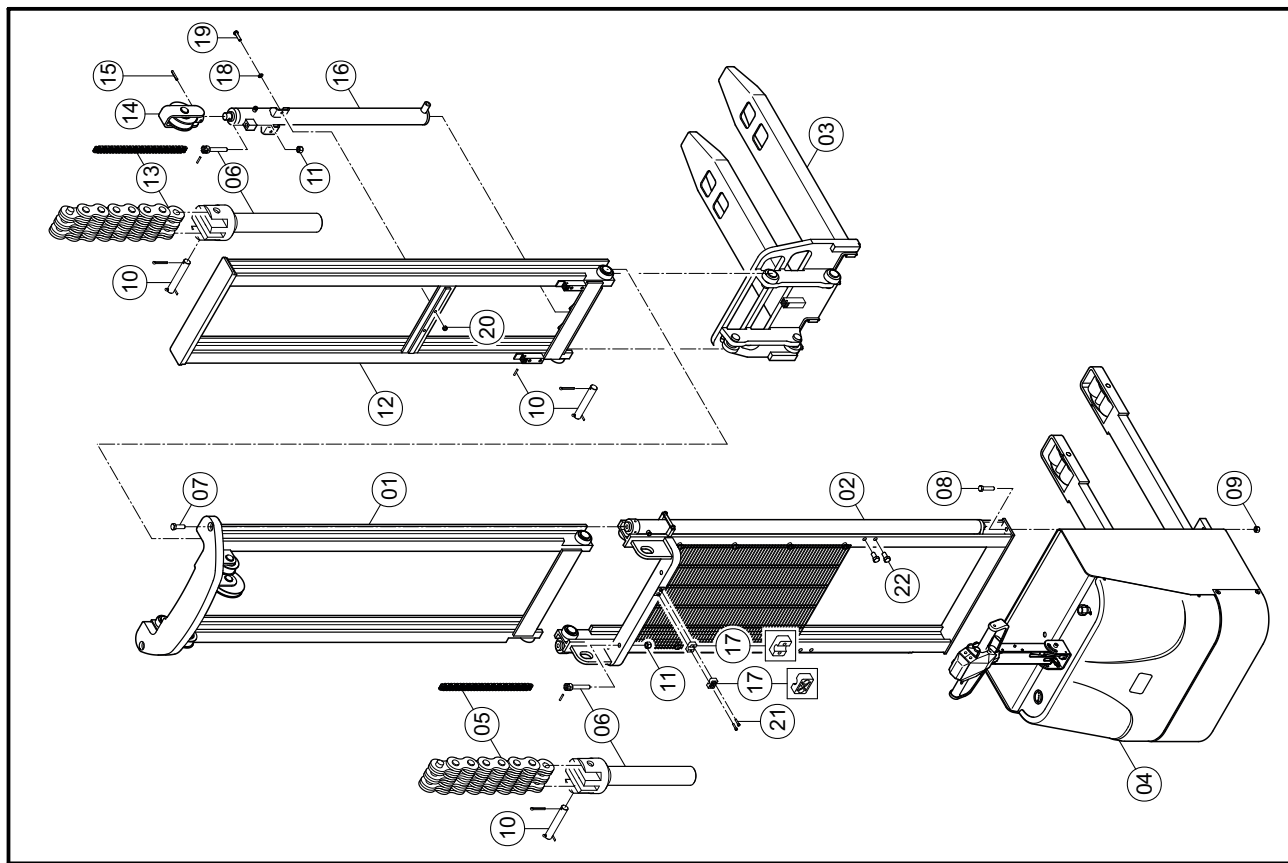


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MODIFICATION FROM THE NEW SCHEDULE AT PAG. 11
 - Added the runner for the automatic speed reduction.

ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 01.TX.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL pallet stacker general exploded view



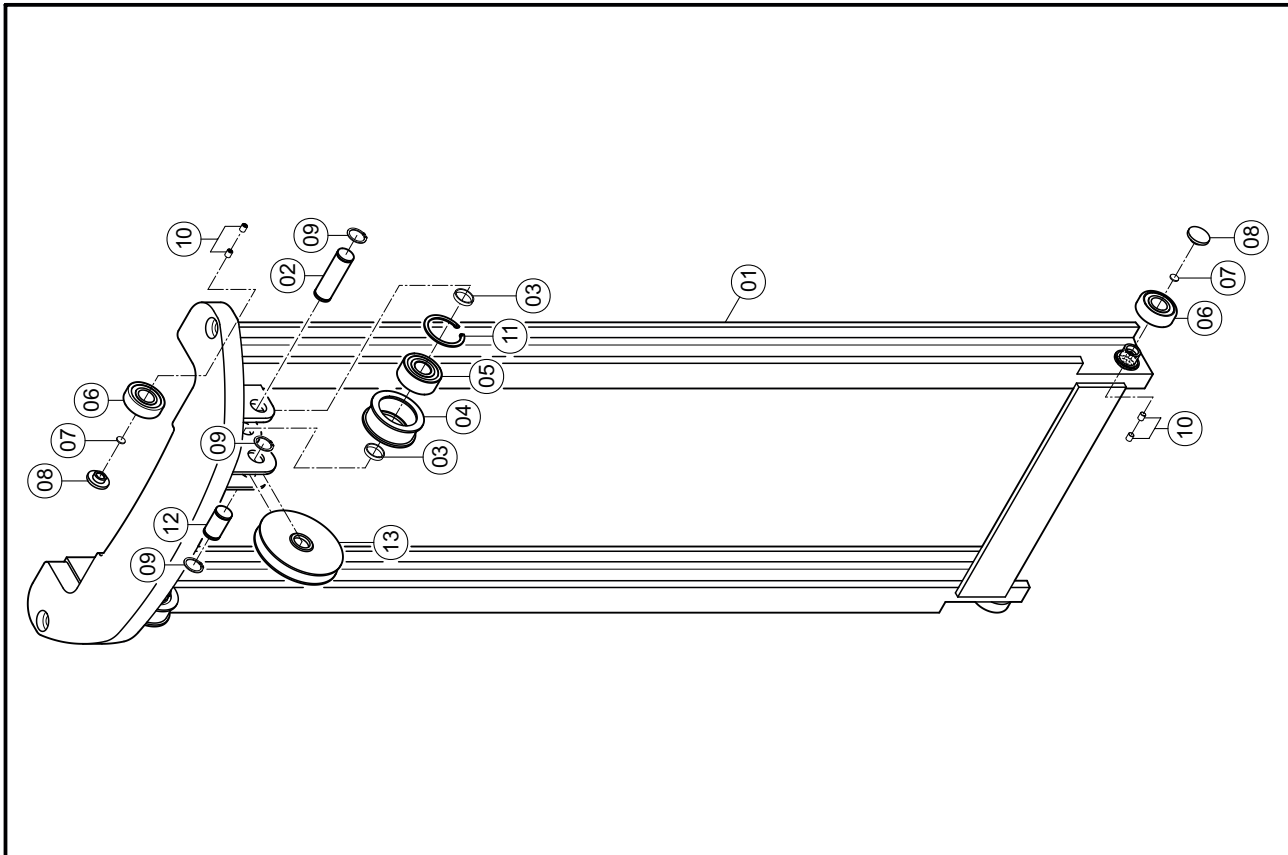
POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL first mobile mast assembly	.01
02		TRIPLEX GAL fixed mast assembly	.01
03		Forks assembly	.01
04		Chassis assembly	.01
05		FLEYER BL566 chain	.02
06	Trade	Chain stretcher for BL566 chain	.02
07	Trade	Hexagon head screw (TE) M16x40 UNI5739 + Washer ø17x30 UNI6592	.02
08	Trade	Hexagon head screw (TE) M14x55 UNI5739 + Washer ø15x28 UNI6592	.02
09	Trade	Self-locking nut M16 DIN985	.02
10	18112P	Hooking pin for BL566 chain tension rod + Split pin	.02
11	Trade	Self-locking nut M16 DIN985	.02
12		TRIPLEX GAL second mobile mast assembly	.01
13	Trade	FLEYER BL566 chain	.02
14	MT131	TRIPLEX GAL pulley support assembly	.01
15	Trade	Spring pin ø8x40 UNI6873	.01
16	CLPL13TG4060735	TRIPLEX GAL H=4500 - Single-acting oleo-dynamic cylinder for TRIPLEX GAL H=4500	.01
	CLPL13TG4060818	TRIPLEX GAL H=5000 - Single-acting oleo-dynamic cylinder for TRIPLEX GAL H=5000	.01
	CLPL13TG4060901	TRIPLEX GAL H=5500 - Single-acting oleo-dynamic cylinder for TRIPLEX GAL H=5500	.01
17	MT143	Block to fix the oleo-dynamic pipe	.02
18	Trade	Washer ø10,5x20 UNI6592	.02
19	Trade	Hexagon head screw (TE) M10x40 UNI5739	.02
20	Trade	Self-locking nut M10 DIN985	.02
21	Trade	Hexagon socket head cap screw (TCE) M6x25 UNI5931	.02
22	Trade	Hexagon head screw (TE) M16x45 UNI5739 + Washer ø17x30 UNI6592	.04

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MODIFICATION FROM THE NEW SCHEDULE AT PAG. 14
- Changed the Triplex gal second mobile mast (added the runner for the automatic speed reduction) .

Table 03.T1.00.GAL.000
TRIPLEX GAL PL13 - PL16 - PL20 SERIES
TRIPLEX GAL first mobile mast exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		TRIPLEX GAL first mobile mast	01
02	MT022.T	First mobile mast chain pulley pin	02
03	MT052.T	Pulley spacer L=6,5	04
04	MT062.T	BL566 Chain pulley	02
05	3306 A-2RS 1	Radial bearing with 2 crown of ball ø30xØ72x30,2	02
06	MRS901	PL13 & PL16 - Ball bearing ø70	04
	MRS908	PL20 - Ball bearing ø78	04
07	AS 3005PS	Small disk for adjustable sliding block	04
08	10002.102	Adjustable sliding block	04
09	Trade	Retaining ring for shafts ø30 UNI7435	06
10	Trade	Slotted set screw M10x12 UNI5923	04
11	Trade	Retaining ring for bores for ø72 UNI7437	02
12	MT120.T	TRIPLEX GAL Pulley pin of oleo-dynamic pipe	01
13	MT127.T	TRIPLEX GAL oleo-dynamic pipe pulley	01



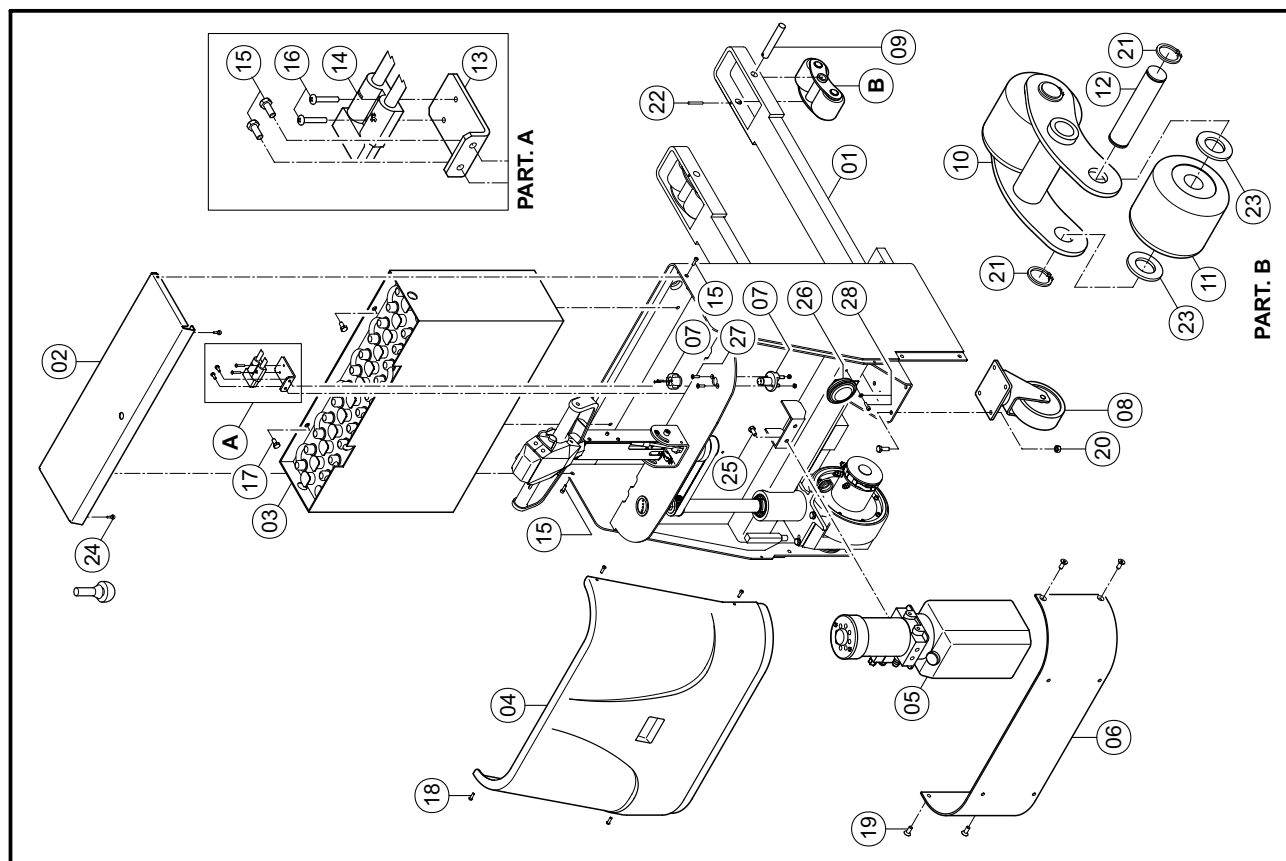
FILED AT 27/10/2006

MODIFICATION FROM THE NEW SCHEDULE AT PAG. 17
 - Added the runner for the automatic speed reduction.

ATTENTION! FOR ANY ORDER CONCERNING DETAILS OF THE MASTS, IT IS EXPRESSLY REQUIRED THE INDICATION OF THE PALLET STACKER ELEVATION HEIGHT

Table 07.00.00.000.000
SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Chassis exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Chassis.....	01
02	PDPL024	Battery cover.....	01
03	506076-0	Battery (indicate capacity in Ah).....	01
04	CS131	Rear cover.....	01
05		Oleo-dynamic power unit.....	01
06	CS138	PL13 - Rear lower plate.....	01
07	CS132	PL16 & PL20 - Rear lower plate.....	01
08	08080200	Switch for the battery disconnection mod. (GC/175-P).....	01
09	7321	Castor wheel assembly.....	01
10	0702	E70 Heavy support.....	01
11	7019	Z ø150x50 series wheel.....	01
12	CS022.T	PL13 - Pin.....	02
13	CS019.T	PL16 & PL20 - Pin.....	02
14	CS122	PL13 - Front rollers assembly.....	02
15	CS108	PL16 & PL20 - Front rollers assembly.....	02
16	1533	PL13 - Z ø80x70 roller.....	02
17	1531	PL16 & PL20 - Z ø85x90 roller.....	04
18	CS023.T	PL13 - Pin of the roller.....	04
19	CS020.T	PL16 & PL20 - Pin of the roller.....	04
20	CS109	Stirrup to fix SB175 connector.....	01
21	SB175A	Plug battery charger connector SB175.....	01
22	Trade	Hexagon socket head cap screw (TCE) M6x16 UNI5931.....	04
23	Trade	Cross recessed cheese-headed screw M3x25 UNI7987.....	02
24	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
25	Trade	Hexagon socket button head screw (TBE) M6x20 UNI7380 + Washer ø6,4x12,5 UNI5692.....	04
26	Trade	Hexagon socket countersunk head cap screw (TSPEI) M10x20 UNI5933.....	04
27	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592 + Self-locking nut M10 DIN985.....	04
28	Trade	Retaining ring for shafts ø20 UNI7435.....	08
		Spring pin ø5x24 UNI6874.....	02
		Washer ø21x37 UNI6592.....	08
		Bumper.....	02
		Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
		Horn.....	01
		Hexagon socket countersunk head cap screw (TSPEI) M6x25 UNI5933 + Self-locking nut M6 DIN985.....	02
		Hexagon socket head cap screw (TCE) M8x20 UNI5931 + Washer ø8,4x16 UNI6592.....	01



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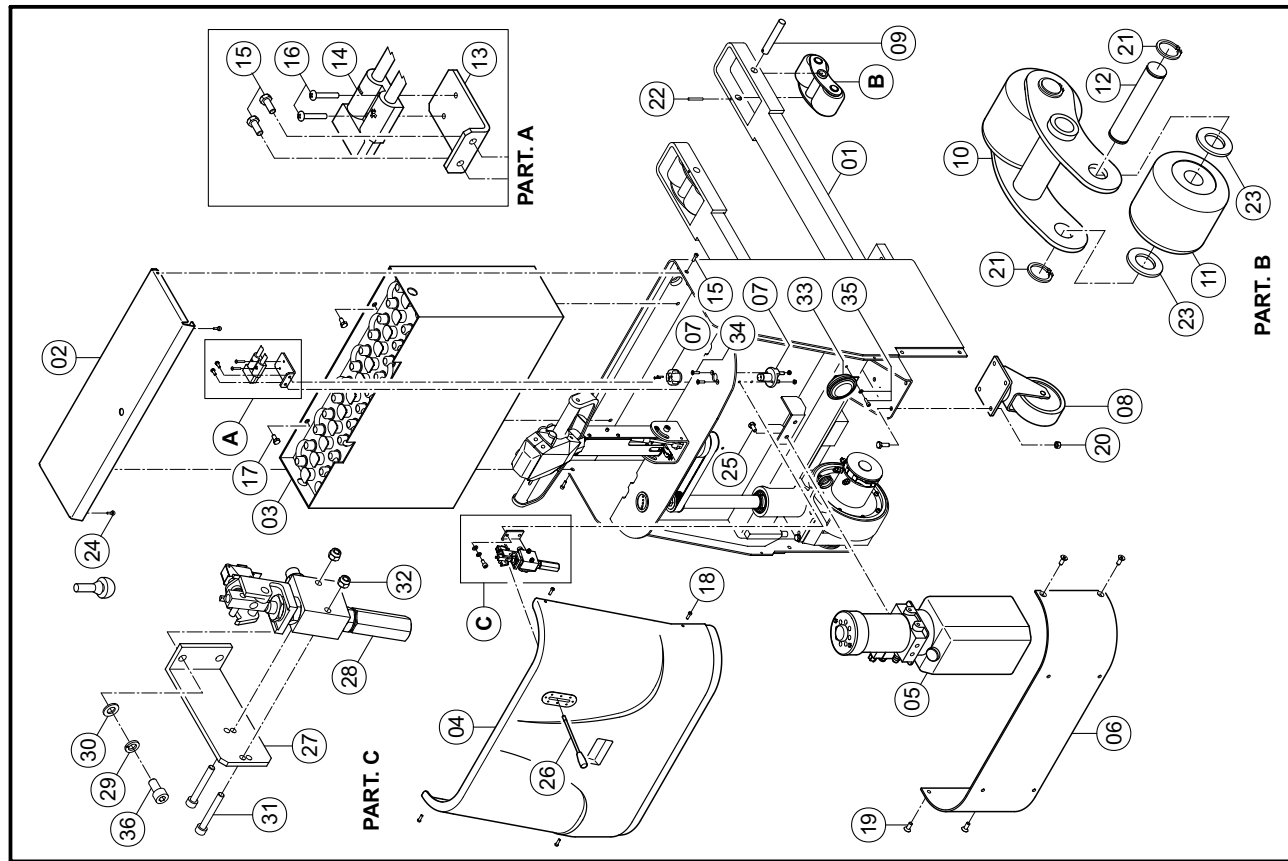
MODIFICATION FROM THE NEW SCHEDULE AT PAG. 21
 - Update the chassis view.

Table 07.00.DC.000.000

SIMPLEX-DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES

Chassis exploded view with double manual lifting control

POS.	CODE	DESCRIPTION	U.Q.
01		Chassis.....	01
02	PDPL024	Battery cover.....	01
03	506076-0	Battery (indicate capacity in Ah).....	01
04	CS131	Rear cover.....	01
05		Oleo-dynamic power unit.....	01
06	CS138	PL13 - Rear lower plate.....	01
07	CS132	PL16 & PL20 - Rear lower plate.....	01
08	08080200	Switch for the battery disconnection mod. (GC/175-P).....	01
09	7321	Castor wheel assembly.....	01
10	0702	E70 Heavy support.....	01
11	7019	Z ø150x50 series wheel.....	01
12	CS022.T	PL13 - Pin.....	02
13	CS019.T	PL16 & PL20 - Pin.....	02
14	CS122	PL13 - Front rollers assembly.....	02
15	CS108	PL16 & PL20 - Front rollers assembly.....	02
16	1533	PL13 - Z ø80x70 Roller.....	04
17	1531	PL16 & PL20 - Z ø85x90 Roller.....	04
18	CS023.T	PL13 - Pin of the roller.....	04
19	CS020.T	PL16 & PL20 - Pin of the roller.....	04
20	CS109	Stirrup to fix SB175 connector.....	01
21	SB175A	Plug battery charger connectors SB175.....	01
22	Trade	Hexagon socket head cap screw (TCEI) M6x16 UNI5931.....	04
23	Trade	Cross recessed cheese-headed screw M3x25 UNI7987.....	02
24	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
25	Trade	Hexagon socket button head screw (TBEI) M6x20 UNI7380 + Washer ø6,4x12,5 UNI5692.....	04
26	Trade	Hexagon socket countersunk head cap screw TSPEI M10x20 UNI5933.....	04
27	Trade	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592 + Self-locking nut M10 DIN985.....	04
28	Trade	Retaining ring for shafts ø20 UNI7435.....	08
29	Trade	Spring pin ø5x24 UNI6874.....	02
30	Trade	Washer ø21x37 UNI6592.....	08
31	Trade	Bumper.....	02
32	725002	Hexagon head screw (TE) M10x25 UNI5739 + Washer ø10,5x20 UNI6592.....	02
33	AL01/M8X200	Double manual lifting control.....	01
34	CS200	Double manual lifting control support stirrup.....	01
35	OLD/CM	Double manual lifting control valve.....	01
36	Trade	Spring lock washer ø8,4x14,4 UNI1751-A.....	02
	Trade	Washer ø8,4x16 UNI6592.....	02
	Trade	Hexagon socket head cap screw (TCEI) M6x45 UNI5931.....	02
	Trade	Self-locking nut M6 DIN985.....	02
	9213	Horn.....	01
	Trade	Hexagon socket head cap screw (TSPEI) M6x25 UNI5933 + Self-locking nut M6 DIN985.....	02
	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931 + Washer ø8,4x16 UNI6592.....	01
	Trade	Hexagon socket head cap screw (TCEI) M8x20 UNI5931.....	02



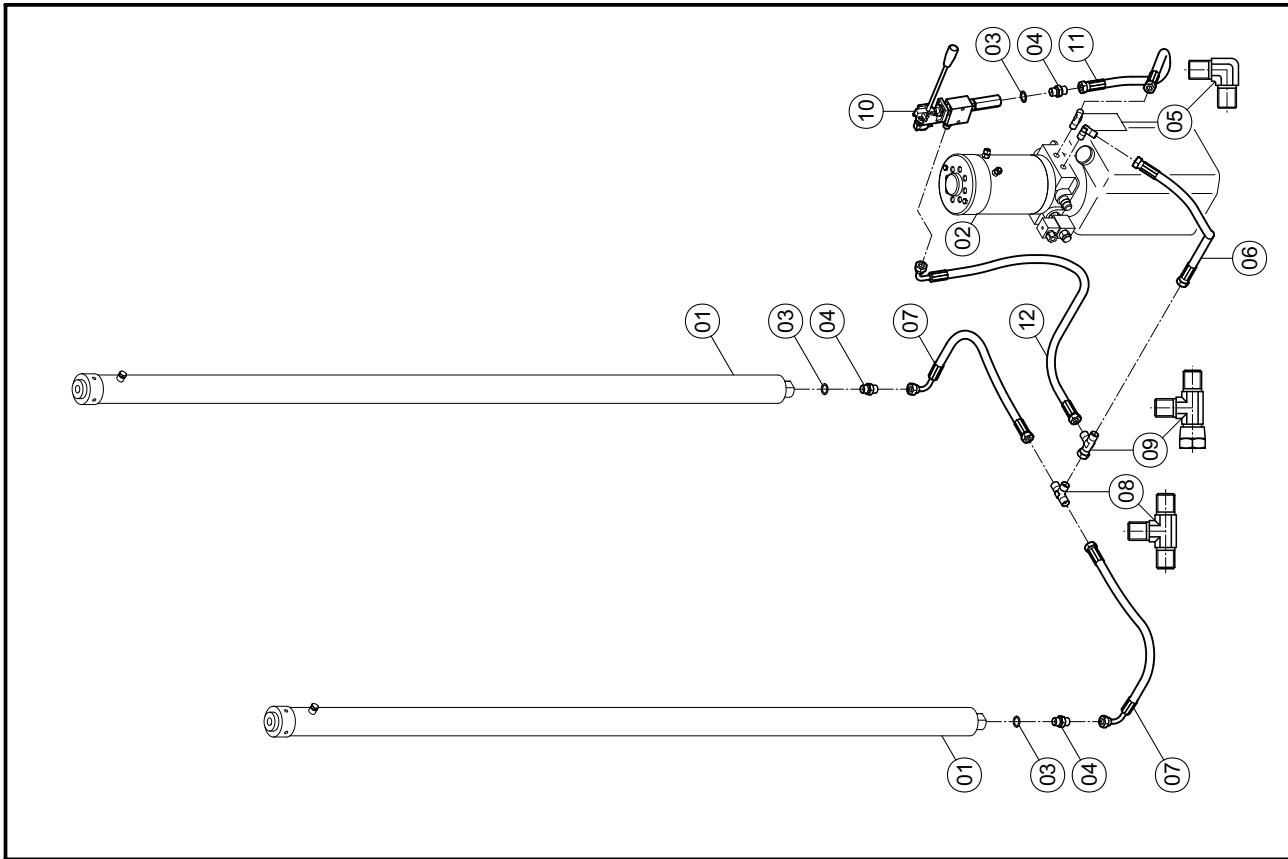
MODIFICATION FROM THE NEW SCHEDULE AT PAG. 22
- New version of double manual lifting control

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Table 16.00.DC.000.000
DUPLEX-TRIPLEX PL13 - PL16 - PL20 SERIES
Oleo-dynamic system with double manual lifting control exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Oleo-dynamic cylinder	02
02		Oleo-dynamic power unit	01
03	Trade	Cooper washer for 3/8" fittings	02
04	Trade	Cylindrical nipple M3/8"G - M3/8"G	02
05	Trade	Nipple 90° M1/4"G conic - M1/4"G straight	01
06	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01
07	OLI.PL13STFOR490	PL13 & PL16 DUPLEX-TRIPLEX - Oleo-dynamic pipe SAE100R16-ID3/8 L490 with straight terminal F3/8"G + 90° F3/8"G	02
	OLI.PL20T	PL20 TRIPLEX - Oleo-dynamic pipe SAE100R16-ID3/8 L580 with straight terminal F3/8"G + 90° F3/8"G	02
08		Nipple TM3/8"G - M3/8"G - M3/8"G	01
09		Nipple TF3/8"G - M3/8"G - M3/8"G	01
10	OLDGM	Double manual lift control	01
11	OLI.PL13STFOR290	Oleo-dynamic pipe SAE100R16-ID3/8 L290 with straight terminal F3/8"G + F1/4"G	01
12	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01

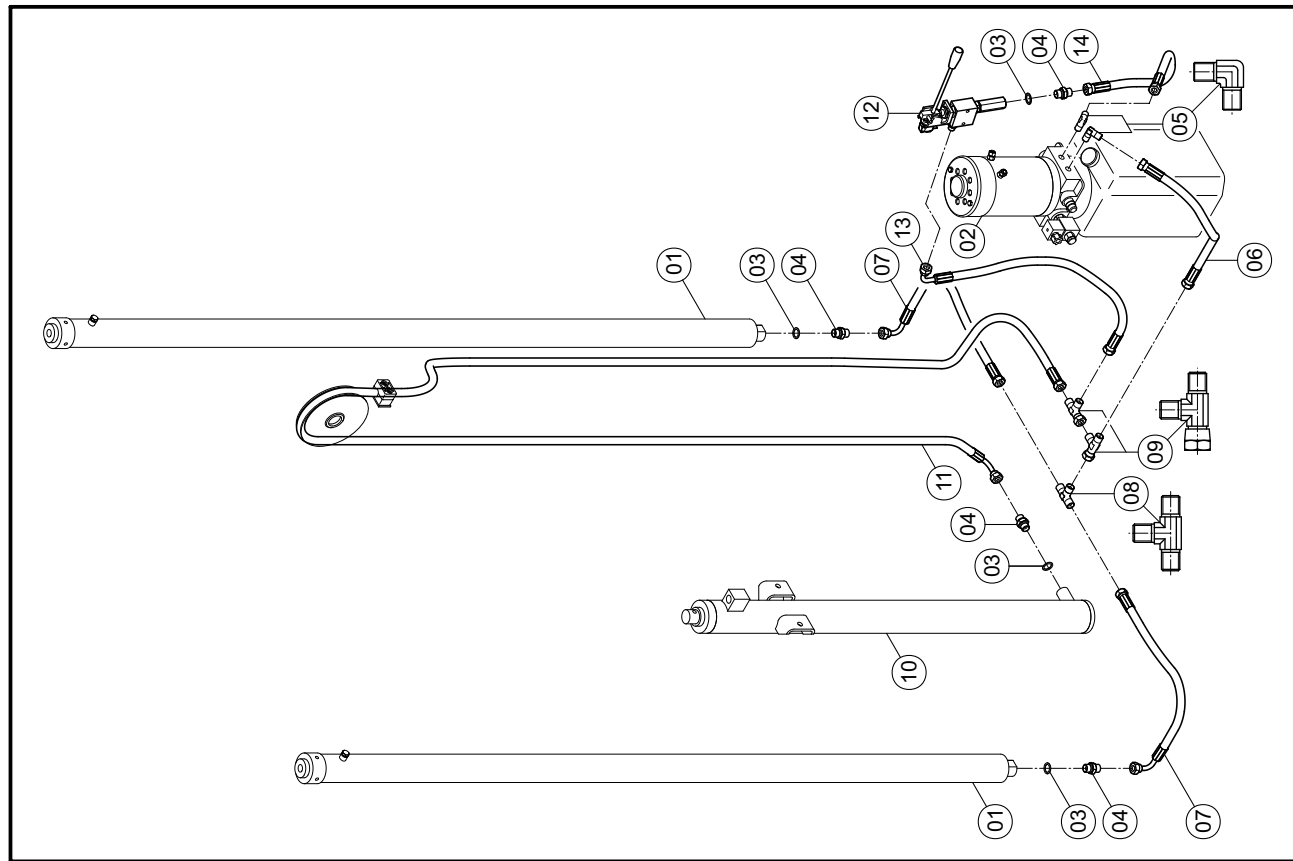


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MODIFICATION FROM THE NEW SCHEDULE AT PAG. 36
- New version of double manual lifting control

Table 16.00.DC.GAL.000
DUPLEX - TRIPLEX PL13 - PL16 - PL20 SERIES
GAL with double manual lifting control exploded view

POS.	CODE	DESCRIPTION	U.Q.
01		Plunger oleo-dynamic cylinder	02
02		Oleo-dynamic power unit	01
03	Trade	Cooper washer for 3/8" fittings	02
04	Trade	Cylindrical nipples M3/8"G - M3/8"G	02
05	Trade	Nipples 90° M1/4"G conic - M1/4"G straight	01
06	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01
07	OLI.PL13STFOR440	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID3/8 L440 with straight terminal F3/8"G + 90° F3/8"G	02
	OLI.PL20T	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID3/8 L580 with straight terminal F3/8"G + 90° F3/8"G	02
08		Nipples TM3/8"G - M3/8"G	01
09		Nipples TF3/8"G - M3/8"G	01
10		Single acting oleo-dynamic cylinder	01
11	OLI.PL13STFOR4270	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4270 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL13STFOR4600	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4600 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL13STFOR4940	PL13 & PL16 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4940 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL20STFOR4390	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4390 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL20STFOR4720	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L4720 with straight terminal F3/8"G + 90° F3/8"G	01
	OLI.PL20STFOR5060	PL20 TRIPLEX GAL - Oleo-dynamic pipe SAE100R16-ID1/2 L5060 with straight terminal F3/8"G + 90° F3/8"G	01
12	OLDCM	Double manual lifting control	01
13	OLI.PL13STFOR650	Oleo-dynamic pipe SAE100R16-ID3/8 L650 with straight terminal F3/8"G + F1/4"G	01
14	OLI.PL13STFOR290	Oleo-dynamic pipe SAE100R16-ID3/8 L290 with straight terminal F3/8"G + F1/4"G	01



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MODIFICATION FROM THE NEW SCHEDULE AT PAG. 40
 - New version of double manual lifting control



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