

## User Manual

# Explanation of documentation set, Ordering spare parts

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Machine Code:

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This is the original English language document.

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# The Documentation Set

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## Scope

The documentation set contains this documentation:

- The letter to the directors.
- Indexes 1 and 2:  
An explanation of this you find in the next chapter.

Tab 1:

- **Explanation documentation set**  
**Ordering spare parts**  
This document gives an explanation of the documentation set and tells you how to order the spare parts.
- **Cleaning and disinfection**  
This document tells you how to clean and disinfect the machines.
- **Fasteners**  
This document tells you how to lock, seal and join the materials in the machines.
- **Safety labels**  
This document tells you about the meaning of the safety labels and how to get the replacements for the safety labels.
- **Emergency stop provisions**  
This document gives you the instructions for the use of the emergency stop facilities.
- **Explanation of the symbols**  
**Technical Data**  
This document tells you the meaning of the symbols on the "Technical data".
- **Glossary electric circuit diagrams**  
This document gives you in your language the meaning of the english terms on the electric circuit diagram.
- **General terms of delivery**
- **Order forms**  
Use these documents to order the spare parts.
- **Layout drawing**  
If applicable, you can find the layout drawing here.

Tab 2:

- **EC declarations**  
If applicable, you can find the EC declarations here.

Other tabs.:

- **User manual**  
This document gives information and instructions for the correct and safe use of the machine.
- **"Technical Data"**  
This document gives information that you need before you install the machine.
- **Spare parts book**  
This document tells you which spare parts you can find in the machine.

- **Other Documentation**

Here you can find the documentation for the spare parts or the machines of which Stork/Townsend is not the manufacturer. Examples of this documentation: motor reducers, frequency converters etc.

**NOTE**

Hand over the documentation sets and the order forms to the approved personnel.

# Identification

The machine has these documents:

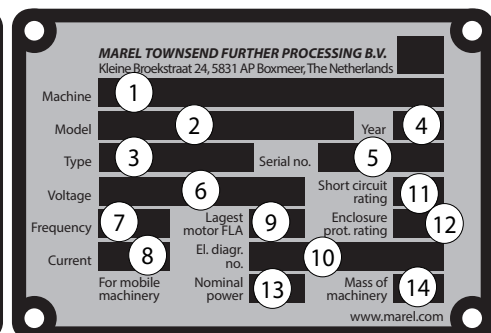
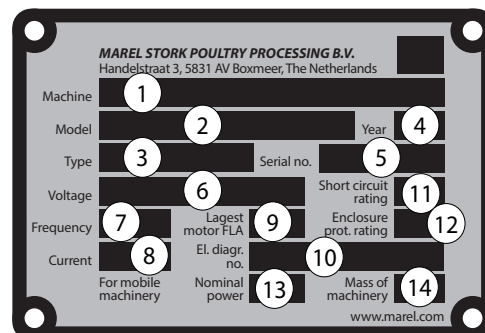
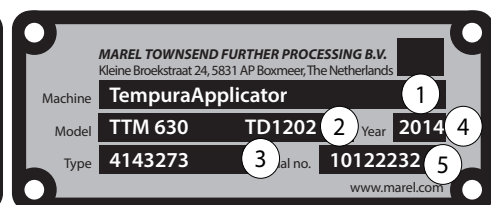
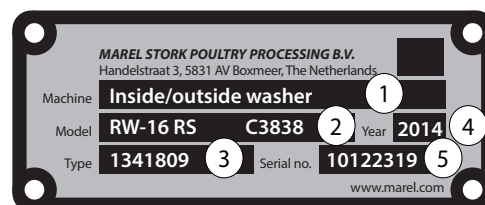
- The user manual
- The “Technical data”
- The spare parts book
- The other documentation



## NOTE

The *Type* and *Serial number* that you can find on the machine plate, you can also find in Index 1 and 2.

## The machine plate



**Figure 1 Marel Stork Poultry Processing**

**Figure 2 Marel Townsend Further Processing**

Every machine has a unique machine plate, with this information:

1. The name of the machine.
2. The model indication and the code.
3. The type number.
4. The construction year.
5. The serial number.
6. The Voltage for the machine in V.
7. The Frequency for the machine in Hz.
8. The Current for the machine in A.
9. The largest motor FLA (Full Load Amps).
10. The number of the electrical circuit diagram number for the machine.
11. The short circuit rating in kA.
12. The rating of the enclosure protection (The “IP” value).

Only for the mobile machines:

13. The nominal power of the machine.
14. The mass of the machine in kg.

See Figure 1 and Figure 2.

# The index

Index 1	Type	Serial nr.	Machine	Model	
409999 (1)	(2)	(3)	(4)	(5)	Explanation documentation set Ordering spare parts Cleaning and disinfection Fasteners Safety labels Emergency stop provisions Explanation of the symbols Technical Data Order forms General terms of delivery Lay out drawing
Book 1	EC. Declarations		EC. Declarations	0	2
	3715162	10038083	Gravity roller conveyor	tr.br.=700	3

**Figure 3** An example of Index 1

Index 2	Type	Serial nr.	User's manual	Technical Data	Spare parts	Others
409999 (1)	(2)	(3)	(6)	(7)	(8)	(9)
Book 1 (12)	EC. Declarations		90641_02_00 90811_00_00 90897_00_00 90840_02 90839_00_00 90819_01_00 94195_00 25406 3786280	(10)		(11)
	3715162	10038083	-	529220A	90143	

**Figure 4** An example of Index 2

The index has two pages: Index 1 and Index 2.

Index 1 gives you the same information as on the machine plate.

Index 2 gives you the numbers of the documentation in Index 1.

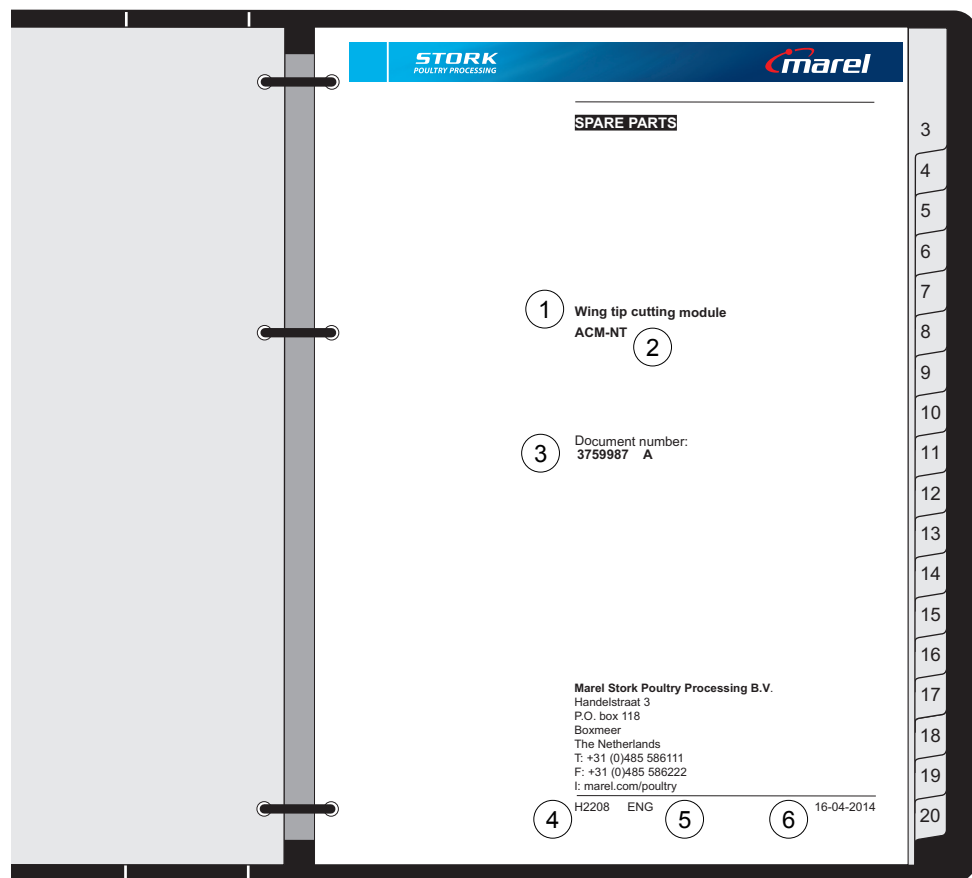
This information you can find on the index pages in the documentation set:

1. The collective order number.
2. The type number.
3. The serial number.
4. The name of the machine.
5. The model.
6. The number of the user manual for the machine.
7. The number of the "Technical Data".
8. The number of the spare parts book.
9. The numbers of the other documentation.
10. The numbers of general documentation such as the user manual Safety labels and the General Terms of Delivery.
11. The number of the tab where the documentation for a specific machine is located.
12. The book where the documentation is. You need the number of book where you can find the documentation when a number of books have the documentation.

See Figure 3 and Figure 4.



# The spare parts book



**Figure 5 The spare parts book**

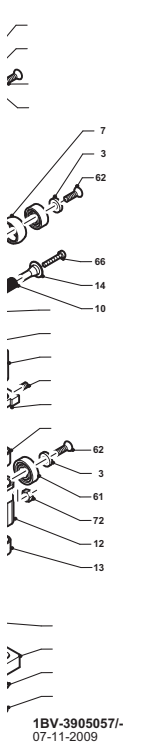
The spare parts book has lists with the spare parts and the spare part drawings.

This information is on the front page of the spare parts book:

1. The name of the machine in one or two languages.  
If the spare parts book has two languages, the first name is in English.
2. The model.
3. The number of the spare parts book.  
This number is the same as the type number on the machine plate.
4. The model designation code.
5. The language code.
6. The date of the spare parts book.

See Figure 5.

## The spare parts list



1	2	3	4	5	6
Pos	Part number	Qty	Length/unit	ABC	Description
1	3904791	1			screw
2	3904792	1			ratchet
3	900142	3			ring
4	900143	1		E	block
5	3906086	2			roll
7	3906087	1			roll
8	445879	1			support
10 L	669688	1			curve
11	3905502	1			block
12	3905499	1			frame
13	3914130	3			bush
14	3970154	1			bush
15	3923777	4		C	bearing bush
16	3905913	1			arm
17	000651122	1			roll
18	090500316	1			rod
19	090500236	1			rod
20	000950369	1			fork
21	090600546	1			rod
22	091401114	1			spring
23	004254101	1			cover
24	001070012	1			arm
26	000138102	1			shaft
27	000138133	2			roll
28	000138185	2			bearing bush
29	000138289	1			holder
30	000350208	1			spring
31	000138191	4			tap bolt
32	000185071	2			nut
33	000350207	8			washer
34	000308301	2			tightening screw
35	000251699	8			hexagonal head screw
36	000350206	16			washer
37	000163348	8			lock nut
38	500514348	2			threaded bush
39	090850064	1	4500	MM	cable

1BV-3905057/-  
07-11-2009

Page 2

Drawing number 3905057  
16-04-2013

List number: 3905024 A  
Page 3

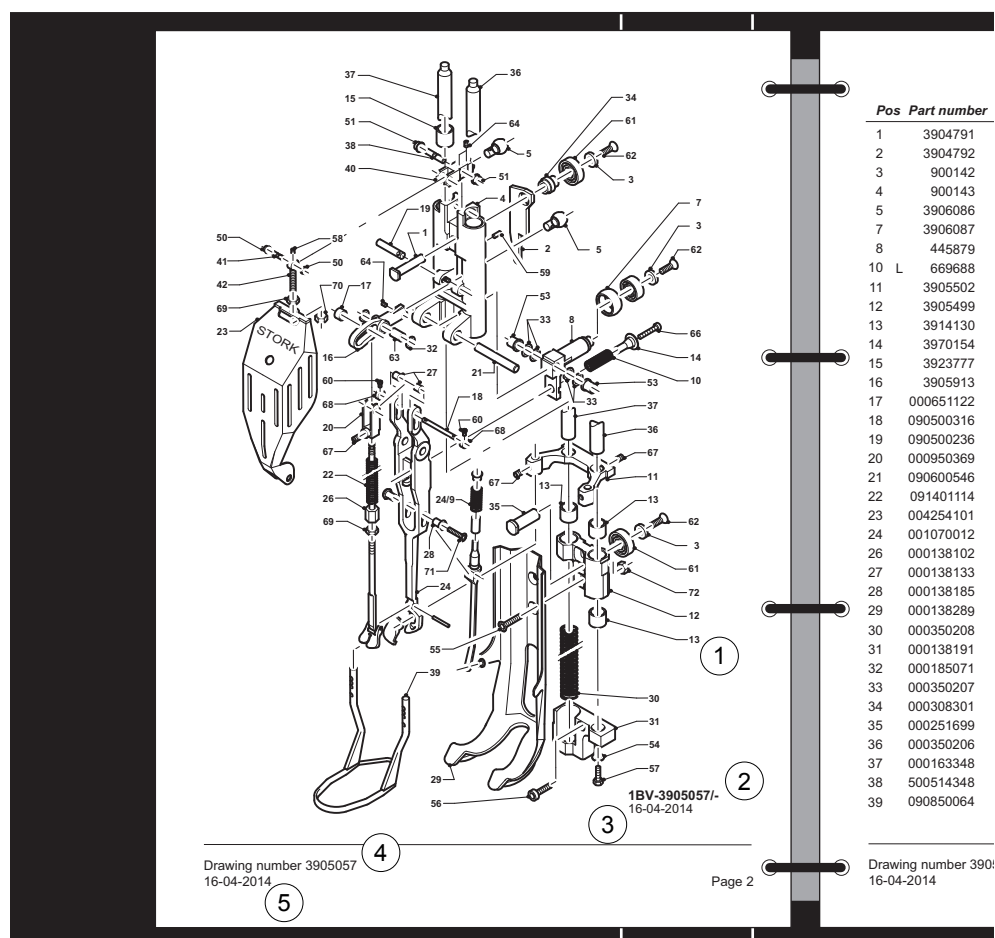
**Figure 6 An example of a spare parts list**

This information is on the spare parts lists:

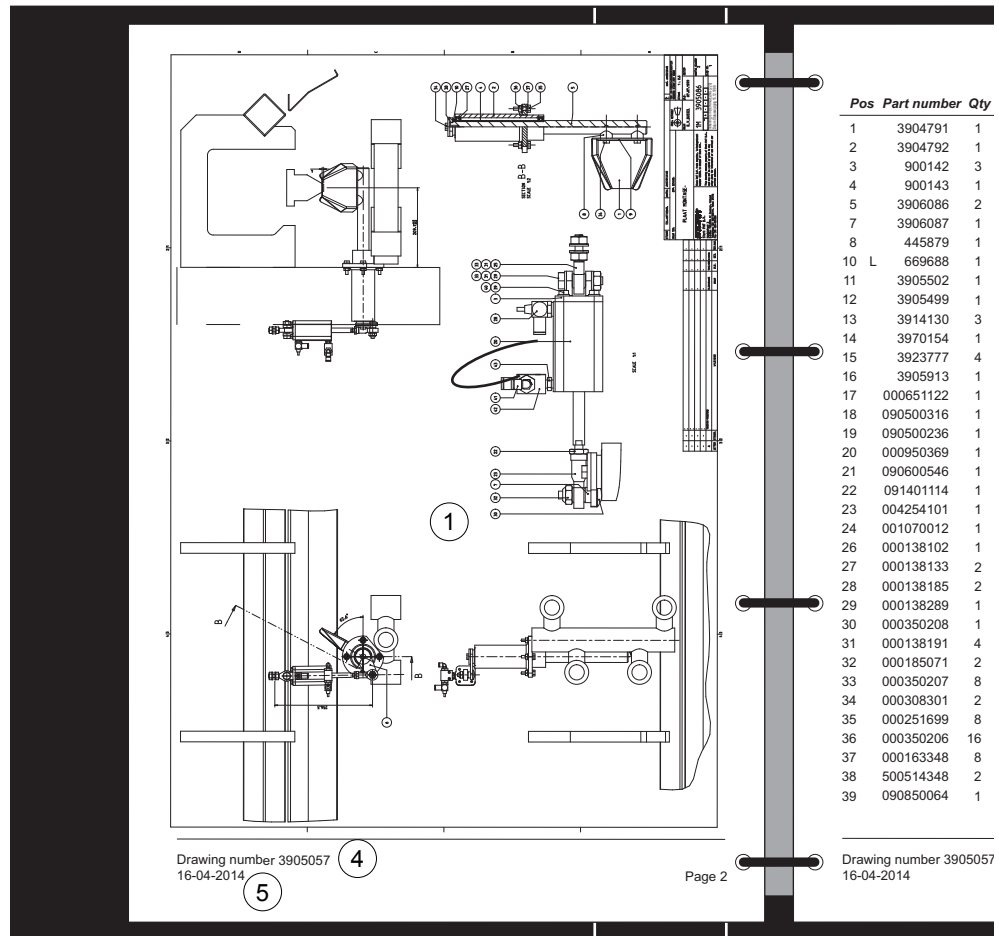
1. The position number.
2. The part number.
3. The quantity.
4. The length, or the number of units:
  - KG means kilogram
  - LT means liter
  - MM means millimeter
  - MT means meter
  - SC means links
5. The service code.
6. The description of the part in one or two languages.  
If the description is in two languages, the left column is always English.
7. The number of the spare parts drawing.
8. The printing date of the spare parts list.
9. The number of the spare parts list with the change letter (if applicable).
10. The letter "L" before the part number means that this is a number for a spare parts list. You can order these spare parts as an assembly.

See Figure 6.

## The spare parts drawing



**Figure 7 The spare parts drawing (exploded view)**



**Figure 8 The spare parts drawing (Composition drawing)**

A spare parts drawing can be an exploded view, or a composition drawing.

The spare parts drawing has this information:

1. The drawing with the spare parts and their position numbers.
2. The number of the spare parts drawing with any revision letter.
3. The date of the drawing.
4. The number of the spare parts drawing.
5. The printing date of the spare parts drawing.

See Figure 7 and Figure 8.

## The service codes

Pos	Part number	Qty	Length/unit	ABC	Description	Description
1	3904791	1			screw	xxxxxxxxxxx
2	3904792	1			ratchet	xxxxxx
3	900142	3			ring	xxxxxxxx
4	900143	1		1	block	xxxxxxxxxxx
5	3906086	2			roll	xxxx
7	3906087	1			roll	xxxx
8	445879	1			support	xxxxxxxx
10 L	669688	1			curve	xxxxxxxxxxx
11	3905502	1			block	xxxxxx
12	3905499	1			frame	xxxxxx
13	3914130	3			bush	xxxxxx
14	3970154	1			bush	xxxxxx
15	3923777	4		C	bearing bush	xxxxxxxxxxxxxxxxxxx
16	3905913	1			arm	xxx
17	000651122	1			roll	xxxx
18	090500316	1			rod	xxxxxx
19	090500236	1			rod	xxxxxx
20	000950369	1			fork	xxxxxx

**Figure 9 The service codes**

A number of parts in the spare parts list have the service code 1.

The code tells you:

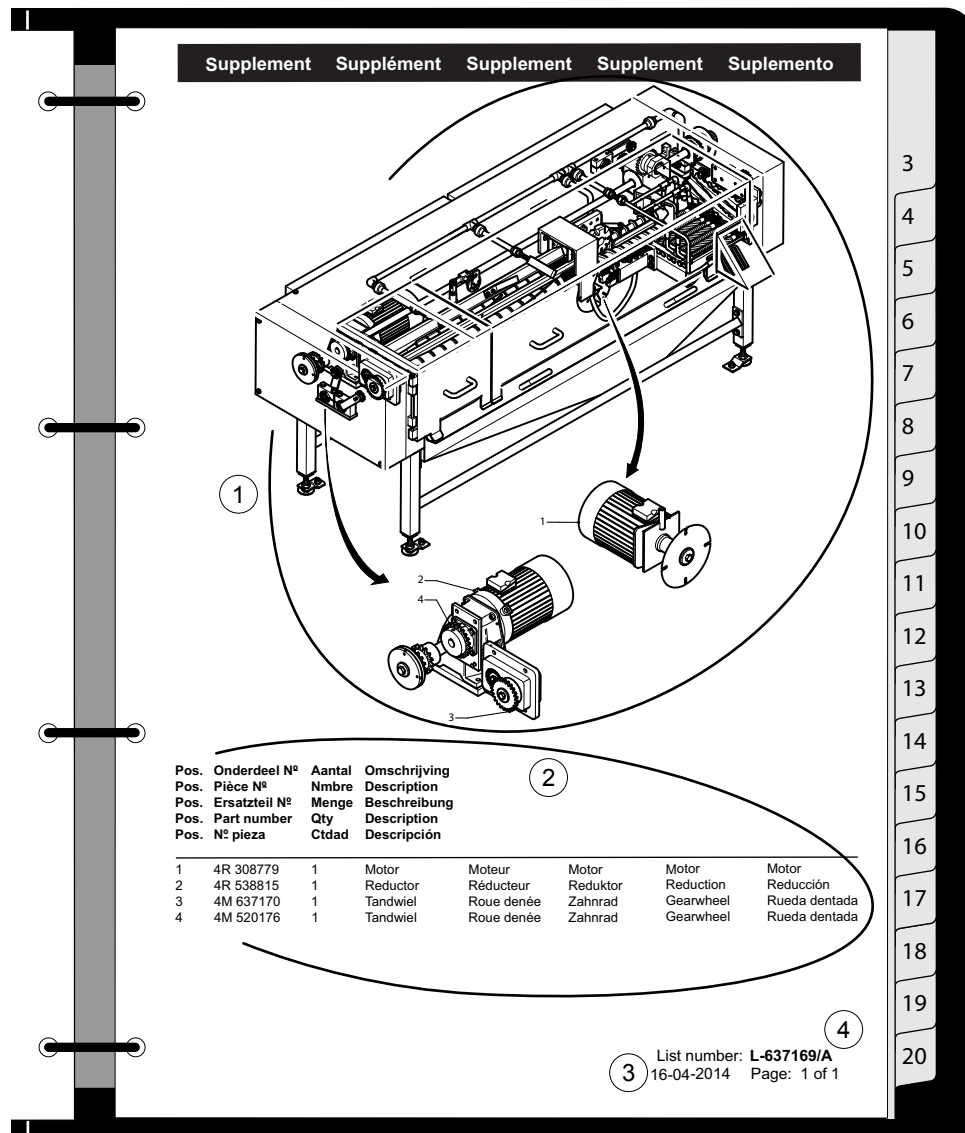
- if the spare part is a consumable spare part (code A).
- if the spare part can cause a break-down of the machine (code B).
- to replace the spare part during a small overhaul (code C).
- to replace the spare part during a large overhaul (code D).
- if the spare part needs an inspection to determine the condition (code E).

See Figure 9.

**Table 1 The service codes**

Service code	Component	Example
A	<b>The consumption part</b> It is necessary to replace the part regularly.	Knife Plucking finger
B	<b>The breakdown part</b> A defect of this part or the assembly of parts seriously interrupts or stops the production process.	Motor Drive belt
C	<b>The minor overhaul part</b> With normal use, replace this part during a minor overhaul.	Bearing Bearing bush Gasket
D	<b>The major overhaul part</b> With normal use, replace this part at a major overhaul.	Main shaft bearing
E	<b>The situation dependent part</b> Examine the part to make sure if you have to replace it.	Curve part Shaft
BC	<b>Brakedown part / Minor overhaul part</b> A combination of the service codes B and C.	Curve roller bearing
BD	<b>Breakdown part / Major overhaul part</b> A combination of the service codes B and D.	Drawing arm
BE	<b>Breakdown part / Situation dependent part</b> A combination of the service codes B and E.	Gearbox

## The supplement



**Figure 10 The supplement**

Some parts, like the spare parts for a specific Voltage, you can not find in the spare parts book. These parts are in the supplement.

The supplement is at the back of the spare parts book.

The supplement has a spare parts drawing and a spare parts list.

The supplement has this information:

1. The spare parts drawing.
2. The spare parts list.
3. The date of the supplement.
4. The number of the supplement with a change letter (if applicable).

See Figure 10.



**NOTE**

Obey these instructions for a quick and correct delivery of the spare parts.

This procedure tells you how to order the spare parts:

Write down the correct Type number **1** and the Serial number **2** from the machine plate.

5. Select the spare parts book with the same type number and the serial number as on the machine plate.
6. Find the correct spare parts number(s) **3**.
7. Fill in the order form.

Always give this information when you order the spare parts:

1. From the machine plate:
  - The machine **4**.
  - The model **5**.
  - The type number **1**.
  - The serial number **2**.
2. The part number **3**.

**NOTE**

The letter "L" before the part number means that this is a number for a spare parts list. You can order these spare parts as an assembly. If you want an assembly, mention explicitly on the order that you want an assembly.

3. The quantity **6** or the length **7**.
4. The position number **6** of the spare part in the exploded view or the spare part drawing.
5. The number of the spare parts list **9**.
6. The number of the spare parts drawing **10**.
7. Mail the order to Stork Poultry Processing or Townsend Further Processing.

Stork/Townsend delivers spare parts of guaranteed quality. They meet the strict requirements for the food industry.

The use of original Stork/Townsend spare parts ensures compliance with the guarantee conditions (and/or the terms of delivery) and the CE-2A status remains intact, if applicable (see the CE declaration).

The Service Department of Stork/Townsend can give you information about:

- the necessary spare parts for your machine.
- the necessary maintenance for your machine.
- how to do repair work.
- the content and the possibilities of service contracts.