

Owner's Manual

Premier 362 P
Labeling Machine
Model – 362 P



Owner's Manual Prepared For:
Dispensing Solutions

Machine Serial Number:161480605

NOTICE REGARDING OSHA REGULATIONS

Seller shall not be responsible for any failure of compliance which results from the location, operation, use or maintenance of the equipment or for alterations of the equipment by persons other than the Seller, or from an option or accessory to the equipment which was available to the Buyer but omitted at the Buyer's direction. Seller shall not be responsible for design or instructions furnished by the Buyer or his Agents. Seller makes no warranties with respect to noise and will not be responsible for any fines or penalties, or consequential damages.

Aesus Labelling Systems,
Kirkland (Montréal) Québec
Canada

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RECOMMENDED SPARE PARTS KITS (for new machines only) are available for two years normal operation. Upon request, detailed lists are usually prepared immediately before shipment to suit all machinery parts and accessories. Please allow an approximate additional 5% charge on the total Ex-Works value.

ESTIMATED SPEEDS are subject to testing of Buyer's bulk samples. In those cases where bulk samples are not supplied, equipment will be tested for normal functioning only. Performance on products not submitted to Aesus Labelling Systems, whether expressed or implied cannot be guaranteed.

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Aesus Labelling Systems, covers labor to replace items under warranty for 30 days from the date of installation, however travel time and travel expenses are to the account of the Buyer.

Aesus Labelling Systems, will neither assume, nor authorize any person to assume for it, any obligation or liability in connection with its merchandise or any part thereof, which have been subjected to repairs by any unauthorized individuals or entities or that have been subjected to accidents, alterations, abuses or any negligence or misuse regardless of how same occurred. Machines and equipment manufactured by independent suppliers are warranted by the suppliers according to their standard warranty.

Aesus Labelling Systems, makes no warranties, express, implied or statutory (including but not limited to any implied warranties of merchantability or fitness for a particular purpose) other than the express warranty immediately set forth on this warranty and in the attached quotation.

This contract and all matters relating to the interpretation of the same, any claim for consequential or incidental damages and any claims, rights of action and demands, regardless of how same are described, whether in law or equity, shall be interpreted according to the laws of the Province of Quebec, Canada and they shall be pursued solely in the Province of Quebec, Canada.

PERMITS AND INSPECTIONS required for the installation and/or use of the equipment furnished must be applied for by the Buyer at their own expense.

DAMAGE CLAIMS: Great care is taken in packing all machines, parts and accessories. After Aesus Labelling Systems, has been given a "Received in Good Order" receipt by the transportation company, we cannot be held responsible for damage that occurs in transit. All claims for breakage or damage whether concealed or obvious must be made to the carrier as soon as possible after receipt of the shipment. Aesus Labelling Systems, will render all possible assistance to secure satisfactory adjustment of such damage claims.

INSTALLATIONS: Aesus Labelling Systems, prices for equipment, parts and accessories do not include an allowance for installation or final on-site adjustment. Installation and start up service performed by Aesus Labelling Systems, is chargeable as a separate item and can be included in our quotation if required.

RETURNED MATERIAL: In no case are materials or equipment to be returned without Aesus Labelling Systems,'s written permission. All such returned materials must be in "as new" condition. Materials and/or equipment accepted by us for credit are subject to a minimum service charge of 20% plus all transportation charges. Any materials or equipment authorized for return must be securely packed to reach us without damage.

REMEDIES AND LIMITATIONS OF LIABILITY: Aesus Labelling Systems, 's liability for any claims arising out of any contract formed between Aesus Labelling System, and any Buyer including any warranty claims and claims based on the alleged negligence of Aesus Labelling System, , its officers, agents or employees shall be limited to the replacement of any products or parts thereof sold to the customer, and shall not include any special, consequential, incidental or penal damages including loss of profit or revenues, loss of use of the goods, or any associated equipment or system in which a product is installed, damage to associated equipment or systems, cost of capital, cost of substitute products, facilities, services or replacements, downtime costs or claims of Buyer's customer for any such damages.

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Seller warrants that the Products created by Seller will substantially conform to the specifications set forth in Paragraph (1) herein for the duration set forth in Paragraph (2) herein. In the event of any breach of the foregoing Year 2000 warranty during the warranty term, Seller shall, as Buyer's sole and exclusive remedy, correct any Year 2000 problems specifically identified by Buyer in writing and/or replace any defective Products created by Seller at Seller's discretion.

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Installation

Unpacking the Machine

Remove the top and sides of the crate and immediately check the machine for any damage and if damage is found, immediately notify your carrier / transport company.

Remove the accessories and any change parts and put them in a safe place.

Installing the Machine

- 1 Remove the machine from the skid and place it at the desired conveyor height and position on the work floor.
- 2 Installation of upstream or downstream conveyors must permit free travel of the product from one conveyor to the next without allowing the bottles to jam.
- 3 Supply power to the machine: 240 volts 50 or 60 hertz (as applicable), 1 phase.
- 4 Supply dry compressed air with a minimum of 80 psi.
- 5 Special attachments can be mounted according to any special instructions provided.

Quick Setup

(Always engage E-Stop or Turn Off Main Power when working on Labeller)



Set the guide rails to the width of the container with approximately 1/8" clearance on the container. The containers should be running along the centerline of the conveyor. Adjust the front rail to the appropriate dimension, adjust the rear rail to give approximately 1/8" clearance.



Loosen the adjusting handle and position the indexing wheel approximately mid bottle height. Tighten the adjusting handle.



Loosen the adjusting handle and position the indexing wheel to pinch the bottles to the guide rail. The pinch should be tight enough that the bottle will not pass unless the index wheel rotates.



Adjust the height of the top hold down belt to press on the box gently.

The equipment has several different bottle indexing systems that can be used depending upon the type of label(s) to be applied. We have already shown the indexing wheel that can be used to create a separation space between any styles of container (just visible in the lower right corner of the photo). We also have various Aligner Assemblies for more accurately positioning of the bottles in readiness for accurate label placement. In this photo the bottles are not spaced by the indexing wheel but are entering and will be accurately spaced and positioned using the twin worm feed assembly system. A single worm feed and a dual belt aligner feed can also be used.



Adjust the product sensor by loosening the lock knob and turning the multi-turn screw.



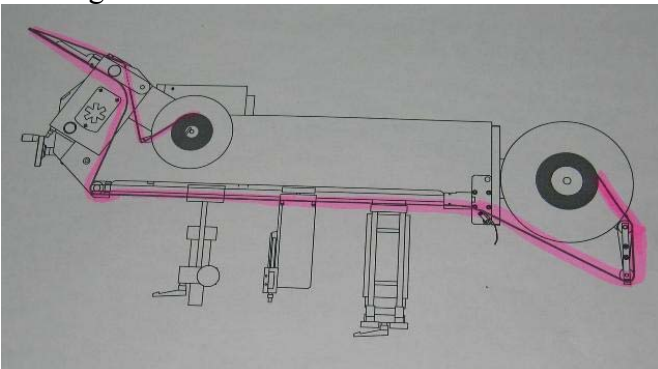
Infeed height and in/out adjustment Knobs.



Adjust the position of the right and left wipers.



Adjust the rotary applicator using settings as given on the setup sheet for the bottle and style of labeling.



Threading diagrams may vary according to machine options.

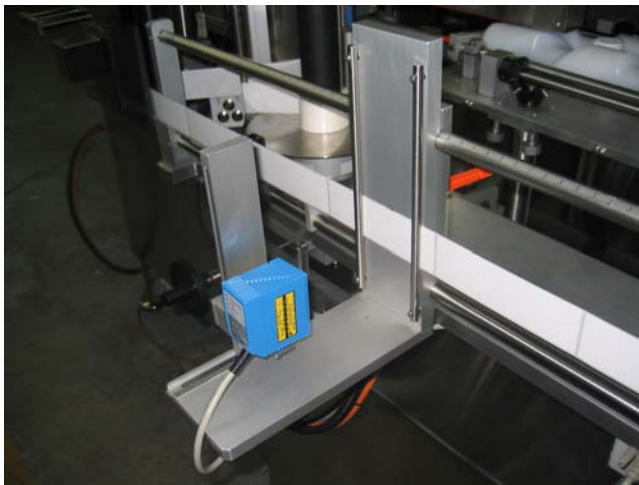
Thread the label onto the machine following the picture showing how the labels have been threaded.



Adjust the tension device. Pull the small screw vertically to release.



Pull the rear blade and lift the screw to snap back into tensioning mode.



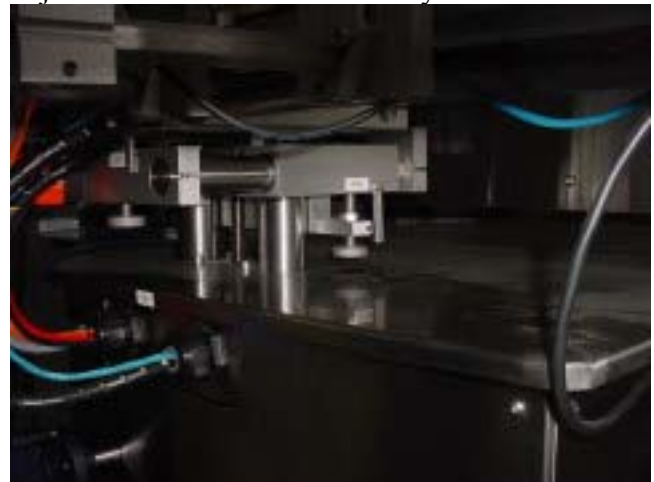
Adjust the bar code reader to read the bar code.



Adjust the label head horizontally.



Adjust the label sensor to dispense the label appropriately.



Adjust the label head vertically, adjust the tilt of the label, adjust the tilt in the other direction.



See Herma manual for full instructions on adjusting the label detection sensor. Different sensors are available.



Adjust the label head in and out.

The roller tension is adjusted out and then clicked into position.



Jog the label by pressing the green button on the labeller head to index a label.



Adjust the tension device. Pull the small screw vertically to release.



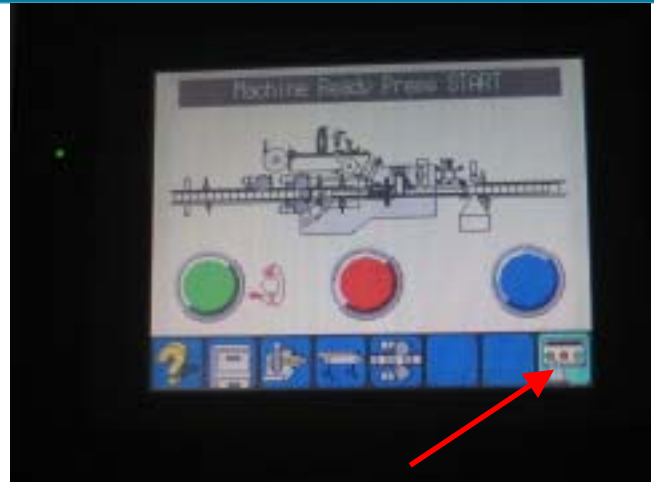
The label should be set to just hold on the edge by approximately 1/8" and the air jet holds the label against the wipers.



Air Pressures



The air pressures should be set as indicated in the setup sheets for the particular bottle/label to be run.



In order to access the RUN screen, press the button on the far right, this show the machine ready to operate. Pressing the green button enables the machine, pressing the red button stops the machine, and pressing the blue button resets the machine after a fault.

Control Panel

The red light on top of control panel means the machine is in STOP mode, a yellow light means there is a low web, and a green light means the machine is operating correctly.



If there is a fault, the panel will show which fault there is before it needs to be rectified and there is a picture of a person showing which button is the next button that is necessary to press.



The icon for the filing cabinet enables the settings on the control panel to be saved; there are 16 settings.

In order to change the name touch the black panel with the name and then enter the appropriate name.



In order to save the settings you must press the SAVE button and this will save any of the current settings.



The head adjustment enables the following:

APPLICATOR 1 ENABLE: This enables or disables the label head.

SPEED: Increases or decreases the speed at which the head dispenses the label.

STOP POSITION: Enables you to adjust a final adjustment on the position of the label with respect to the end of the peel-off plate. Normally this is set with the label sensor, however, on occasion it's useful to adjust.



Rear applicator Enable and rear Applicator time refers to the optional Tuck Roller should a 4 Panel label be employed.

The rear applicator time is the length of the time the tuck applicator or roller indexes forward before it returns in increments of 0.1 of a second.

If the emergency stop is pressed it needs to be rotated to take you out of emergency stop and then the Blue reset needs to be pressed.



Conveyor Enable

Conveyor speed control , the index wheel enables the Index wheel Enable

Index wheel speed control.

The stop time delay in increments of 0.1 of a second so that should there be a backup of finished product on the discharge conveyor the backup sensor will activate after this time delay to stop the index wheel to stop further products being fed forward into the machine.



Aligner, enable (If fitted)

Aligner speed (if an aligner is fitted),

Rotation wheel enable (if fitted),

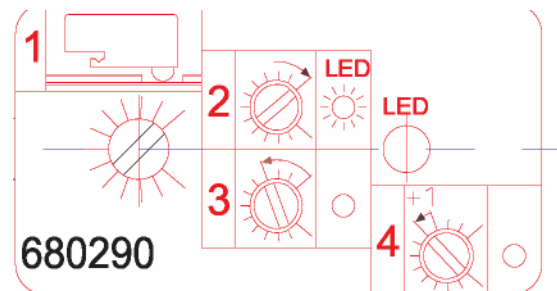
Rotation wheel speed (if fitted).



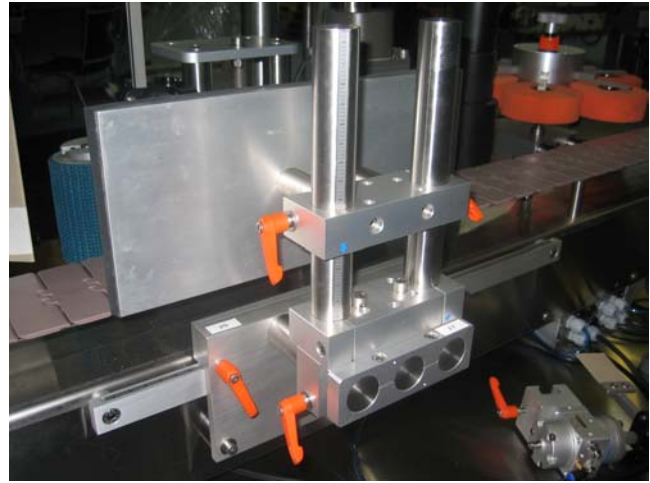
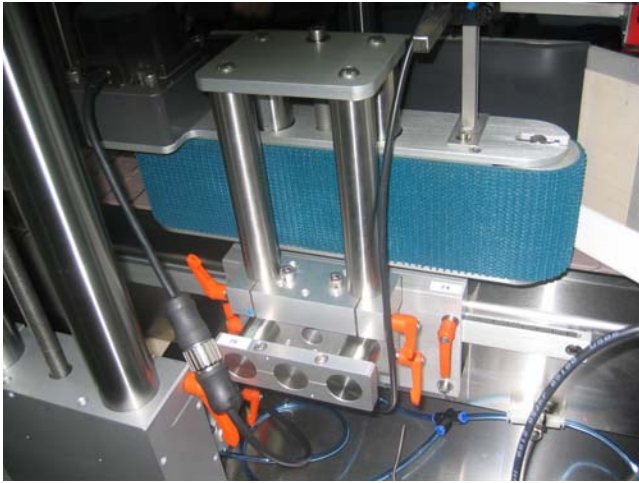
The Open Date control enables the temperature to be adjusted. A good temperature is Approx 160 degrees, but this depends on Label and foil. Please refer to the Open Date manual for full instructions on the operation. (This is an Option).

Setting the Label Sensor

- 1) Place sensor on a gap between labels,
- 2) Adjust screw clockwise until light comes on ,
- 3) Adjust screw anticlockwise until light goes out,
- 4) Adjust screw one more small division (20°) anticlockwise.



The wrap belt and backup plate assembly is installed when labeling round containers. The product detector is positioned to detect looking down onto the container.



The positional adjustments to the wrap belt and the backup plate use simple locking handles.



A product that has a missing or defective barcode
 Is rejected into a reject bin by the air blast nozzle.
 A sensor counts the number of rejects and displays
 a warning beacon and the machine stops after 5 consecutive rejects.

Troubleshooting

Problem / Symptom	Solutions
Label head does not start	Check power to small yellow LED – Switch on power
	If function LED Flashes – Refer to error messages 1.2.2 Herma 40 Head
	Head Electronics Defective – Remove and replace Servo Drive Unit
	Servo Drive Unit Defective– Remove and replace
	Pressure roller not engaged properly against drive roller – Click in
Labels feed continuously (will not Stop)	Label sensor misadjusted -readjust
	Label sensor defective - Replace
	Label sensor dirty - Clean
	Too little space between labels – Change labels or reduce dispense speed
	Stop Delay on Control panel set too long - Reduce
Label Web Breaks	Reduce Web tension
	Label die cut too deep, scoring web – Replace Labels
	Reduce brake pressure on Label roll
	Build up of dirt below Label sensor - Clean
	Label Guides too close to Label edge causing tearing
	Labels fed incorrectly – Feed according to diagram supplied
	Dispense blade not square – Adjust
	Product grabs label and pulls web – Adjust Product sensor position and/or delay
Backing Paper does not wind correctly	Clamp pin incorrectly inserted
	Friction Clutch worn - Replace
	Drive Belt worn - Replace
	Rewind Dancing roller set incorrectly
Label stop position incorrect	Label Sensor Positioned Incorrectly - Reset
	Label Stop Delay on Control panel set incorrectly - Adjust
	Labels threaded incorrectly – Feed according to diagram supplied
	Product grabs label and pulls web – Adjust Product sensor position and/or delay
Labels incorrectly applied to product	The art of labeling involves many parameters to apply label correctly including:
	Repeatable Product in feed alignment
	Product Stability, Product square to dispense blade
	Product consistent dimensionally

	Conveyor speed
	Label Dispense speed
	Label and product delay settings
	Correctly designed wiping systems
	Wrap belt speeds
	Product sensor delays
	Tilt of head in X and Y axis
Specific Tips for Label applications	Horizontal Wrinkles – Wrong wipe pressure (too High) or X/Y Axis wrong or Product concave or Convex
	Vertical Wrinkles – Mismatched speeds for dispense and product
	Air Bubbles - Wrong wipe pressure (too High) or X/Y Axis wrong or Product concave or Convex

General Maintenance

Daily Maintenance

- Always ensure a clean dry source of compressed air with a minimum 80 psi.
 - Clean the rollers with rubbing alcohol after each changeover.
 - Clean sensors for dust lint etc.
 - Clean any excess pieces of label material and glue off the machine.
 - Tie any change part components together to avoid any loss
 - Tighten all thumbscrews used for adjustments or changeovers.
-

Monthly Maintenance

- Empty any moisture that may accumulate in the filter bowl.
 - Clean completely all machine surfaces using only a mild detergent. Avoid solvents especially on plastic surfaces.
 - Verify and tighten any loose cylinder mounts (if required)
 - Verify BPM (Bottles Per Minute) settings and adjust if required, Eg do not over speed machine past original specifications.
 - Verify drive belts.
-

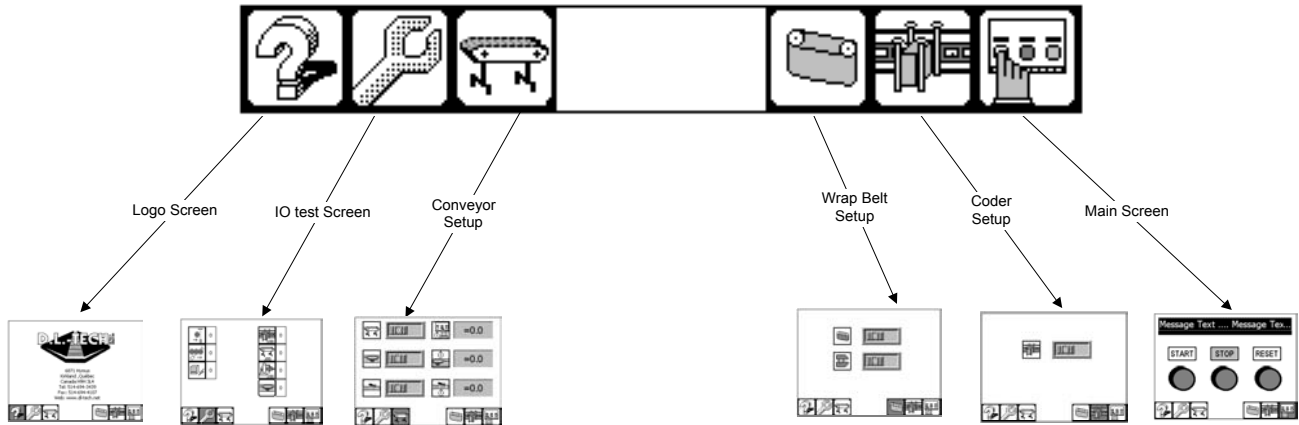
Yearly Maintenance

- Replace worn belts.
- Verify tightness of adjustable assemblies
- Repeat weekly and monthly maintenance

Control Panel - Generic Screens – See separate pdf file attached for actual Dispensing Solutions Machine Screens.

(Note some functions may not be available on a particular machine)


Screen Hierarchy




Screen Navigation





Row of Touch Buttons at the bottom area of each screen.

 Main Screen (Start, Stop, Reset, Machine Status)

 Coder Set-up

 Wrap Around Set-up

 Conveyor Indexing Wheel Set-up

 Test Inputs and Outputs

 Logo Screen

The highlighted button will indicate the selected screen.

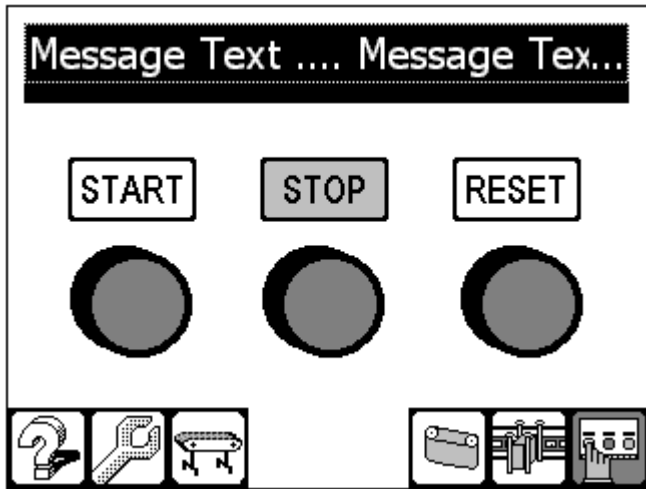
 Becomes  when main screen is selected

Screens with Arrows at the right top corner can be scrolled up or down





Main Screen



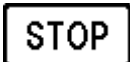
Functions



Press to Start and Stop and Reset



Will become highlighted when the machine is running



Will become highlighted when the machine is stopped

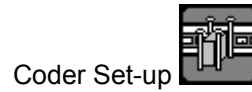


Status Display

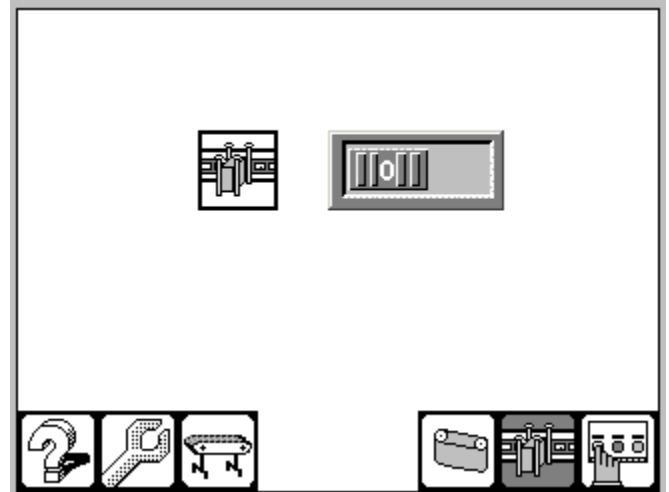
EMERGENCY STOP activated	ESTOP is activated
LOW OR BROKEN WEB and label sensor does not see end of label	clutch is on
MACHINE READY ready to start	machine is ready to start
MACHINE IN OPERATION	machine is operating
MACHINE STOPPED	not used
COMPLETING CYCLE after a time delay	machine will stop

OUTLET ACCUMULATION
machine is blocked
PRESS RESET
activate main contactor

Sensor at exit of
press RESET PB to



Coder Set-up



Enables the coder



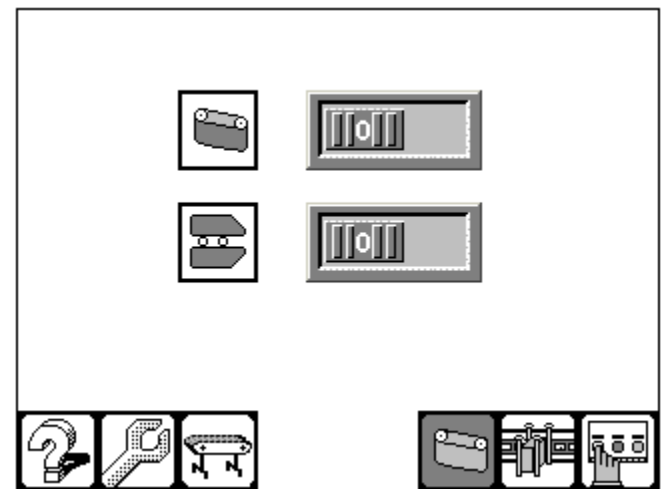
= Disables




= Enabled




Wrap Around Set-up




 Enables the wrap around

 = Disables

 = Enabled










 Enables the aligner







 = Disables


 = Enabled



Conveyor Set-up



			=0.0
			=0.0
			=0.0

 Enables the conveyor


 = Disables


 = Enabled

 Enables the indexing wheel  Time before stop (COMPLETING CYCLE)

 = Disables


 = Enabled

 Sets the time the before the indexing wheel stops when there is a product backup

 Enables the rear applicator







 = Disables







 = Enabled

 Sets the time the applicator is extended



Input Output Monitor

	0		0
	0		0
	0		0

This screen is used to test the input and outputs.

Detailed Instructions HERMA 400 Control

Introduction

For the applicator type HERMA 400, this document is a supplement to the „Operating Instructions HERMA 400“.

Here, functions are described that are selected via key pad and optional potentiometers. Furthermore there are descriptions of possible malfunctions and their remedying.

Conventions

Elements of the H400 control are designated and depicted in these instructions as follows:



Switch-on key



Manual feed key



Function key

LED (on)

LED (blinks)

LED (off)

Find further explanation on these elements in section 1.1. Further documents are available for the Technical Service.

Notes / Safety



Warning: When cutting the HERMA 400 applicator off mains you must wait for at least one minute before opening the housing or touching connector pins. RESIDUAL VOLTAGES!
HERMA 400 applicators must be used on TN mains networks only



Important: Opening the screws at the front of the drive unit will void the warranty!

Index

1 The H400 Control

- 1.1 Design
 - 1.1.1 Key pad
 - 1.1.2 Potentiometers
 - 1.1.3 Function diagram
- 1.2 Malfunctions
 - 1.2.1 Malfunction label tape
 - 1.2.2 Malfunction drive

2 Replacing the drive unit

- 2.1 Remove the drive unit
- 2.2 Ship the drive unit
- 2.3 Mount the drive unit



Important: When inserting a new label reel *always* dispense at least two labels manually with the help of the key !
This will teach in the max. label cycle.



Important: When using the label sensor HERMA-FS01 only sensors with material no. 680290 for non-metallised labels or no. 680295 for metallised labels may be used.

1 The H400 Control

1.1 Design

Applicators HERMA 400 are operated via three keys of the key pad. Furthermore, basic values may be set via optional potentiometers (at the applicator's housing or in the control box).



1.1.1 Keypad

Keys of the key pad have the following function:



Applicator ON/OFF

The LED of the key is on if the drive is ON.



Manual feeding

You can manually feed a label by pressing this key.

Important: When inserting a new label reel *always* dispense at least two labels manually with the help of the key !

Function key

There are several functions for this key (see following table).



Printer ON/OFF

An optional printer can be switched on and off with the function key, pressing it quickly two times („double tip“).

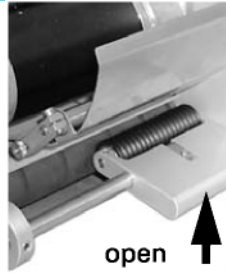
If the printer is ON the function „compensate for missing labels“ is active at the same time. That means, missing labels on the web will be detected automatically and the web always stopped in correct position such that imprint and, as the case may be, control cycles will be effected on every label.

The LED of the key is on if the printer is on.



Switch on the drive's permanent run mode

This operating mode is required, e.g., to determine the applicator's speed.



open ↑ **IMPORTANT:**
Open lever first (nip roller)!

The LED of the key will flash in this mode.
In order to stop the permanent run mode press the key anew or press the key

1.1.2 Potentiometers

Several basic values of the applicator can be adjusted with optional potentiometers. Turn the potentiometers clockwise to increase values, turn it counterclockwise to decrease values.



Speed

With the help of this potentiometer the speed of the label tape can be adjusted. Minimum and maximum speeds correspond to the performance of the drive used

(e.g. 3-40m/min).



Applicator start delay (0-120mm)

This value determines the delay between start signal and actual start of label transport. Thus, for example, the label's position on the product can be altered.



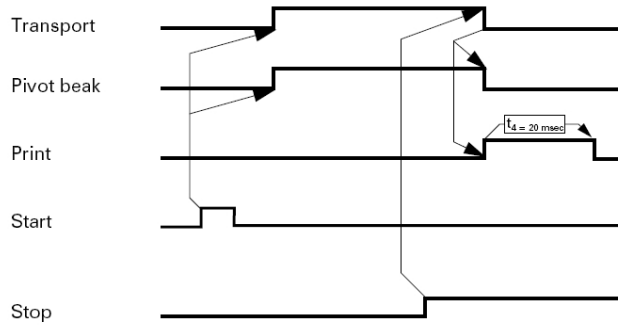
Label stop delay (0-60mm)

This value determines the stop position of the label at the dispensing beak (see „Positioning the label“ in section 4.2.3 of the Operating Instructions HERMA 400). Note: if several labels are dispensed per labelling cycle this value might need to

be decreased!

1.1.3 Function diagram




Functions in the H400 applicator are as follows (pivot beak and printer are options)



1.2 Malfunctions


With H400 applicators the type of malfunction is indicated via the LEDs of the key pad (see section 1.2.1 „Malfunction label tape” or section 1.2.2 „Malfunction drive”).

Acknowledge malfunctions

Malfunctions that are indicated via LEDs of the key pad (LED of the key  blinks) will be reset by switching on the applicator (pressing the key ). A label-tape malfunction can also be reset by feeding a label (pressing the key ).



If the applicator is connected to a superordinate control malfunctions very often are acknowledged centrally (e.g. at a touch display).



Note: Always dispense at least two labels (pressing the key ) after occurrence of a malfunction in order to ensure a correct label’s position at the dispensing beak. If there are optional print or control systems present and active, as many labels must be dispensed as there are between dispensing beak and the remotest unit.

1.2.1 Malfunction label tape



The LED of the key  is **ON** and the LED of the key  blinks as often as per the actual malfunction.



LED	Malfunction	Remedy
-----	-------------	--------

2x	End of label tape or missing labels on the web (after at least three labels missing in a row).	
----	--	--

3x Clamping lever open (nip roller), web break, or missing stop signal (label sensor).

- Check label tape, insert if required.
- Check label sensor (stop signal), replace if required.
- Manually dispense two labels in order to acknowledge the malfunction at the applicator.
- Close lever at the drive roller (nip roller) (see also fig. on page 6).
- Check label tape, insert if required.
- Check label sensor (stop signal), replace if required.
- Manually dispense two labels in order to acknowledge the malfunction at the applicator.

1.2.2 Malfunction drive

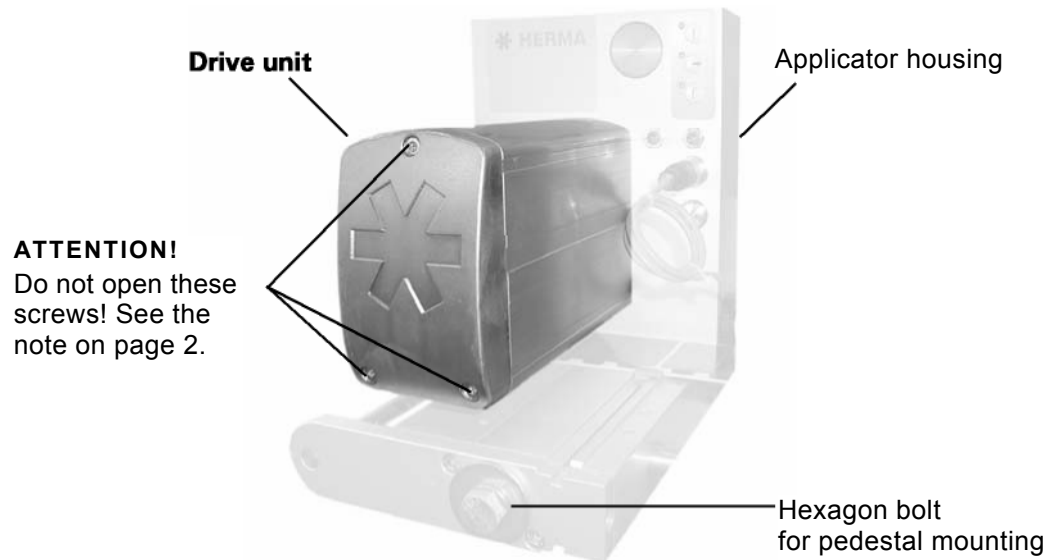
The LED of the key is **OFF** and the LED of the key blinks as often as per the actual malfunction



✱ 
LED

	Malfunction	Remedy
1x	Short circuit motor cable	Please turn to our Technical Service or to your HERMA partner if a malfunction occurs repeatedly.
2x	Motor overload	
3x	Temperature too high	
4x	Temperature too high	.Check voltage
5x	Voltage too high	

2 Replacing the drive unit



Warning: Before opening the applicator housing disconnect mains plug!

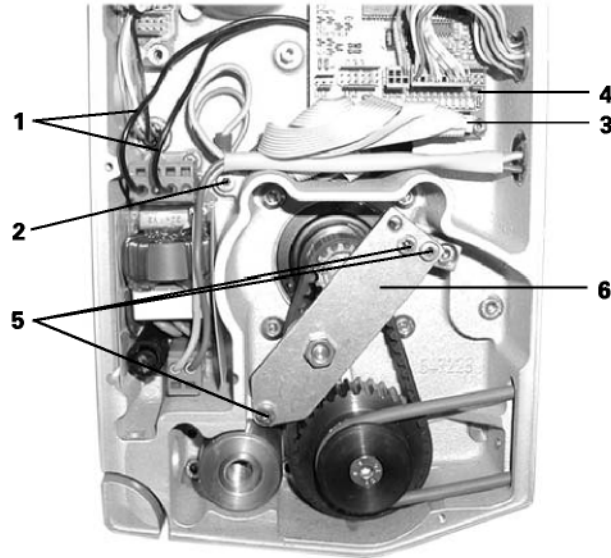
2.1 Remove the drive unit

For removing the drive unit proceed as follows:

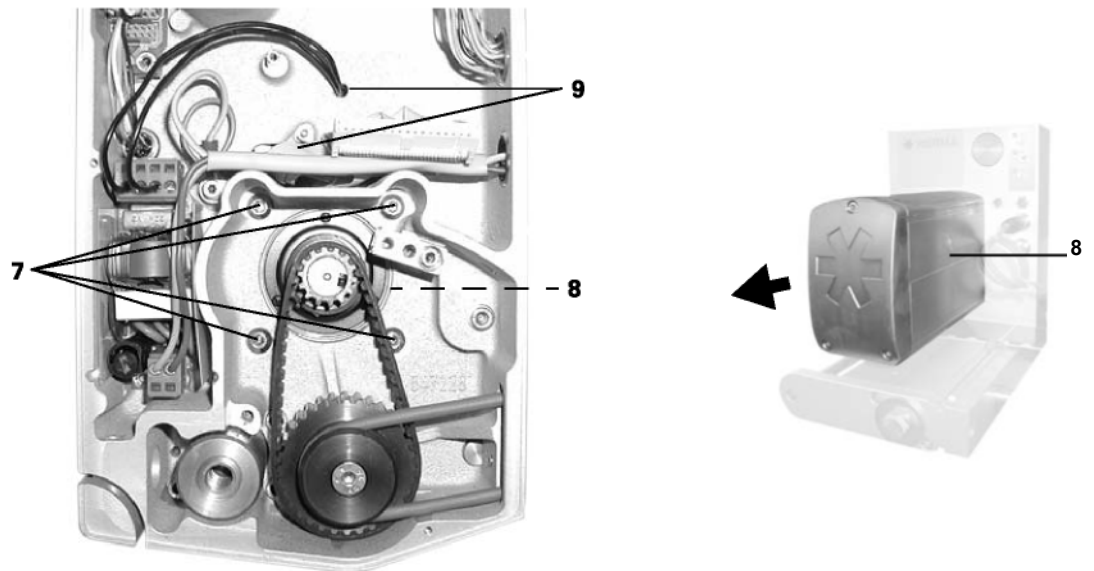
- Make sure the applicator is voltage-free and the mains plug is disconnected.
- Loosen the large hexagon bolt of the pedestal mounting.
- Retract the applicator housing on the rail to the front until the back of the applicator housing can be opened.

Open the back of the applicator housing (three screws)

Back of the applicator housing

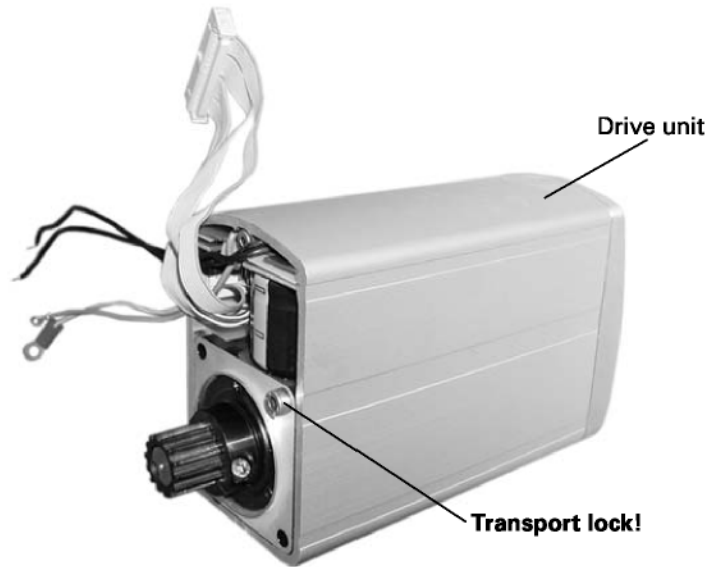


- Loosen the motor cables (mains plug (pin1+3) 1, protective earth conductor 2 and 34channel control cable 3).
- Remove the distributor circuit board 4.
- Loosen three screws 5 and remove the toothed-belt tensioner 6.



Loosen four motor screws 7 and remove the drive unit 8. Carefully guide the cables through the cable feed-throughs 9

2.2 Ship the drive unit



- Secure the motor with the help of at least one screw (M4) in the housing of the drive unit.
- Make sure to pack the drive unit such that it is non-slip and well padded.
- Send the drive unit to be replaced to the Technical Service of HERMA GmbH with giving the reason for return.

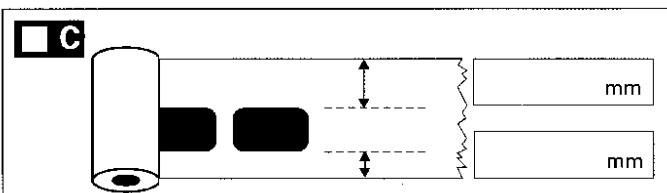
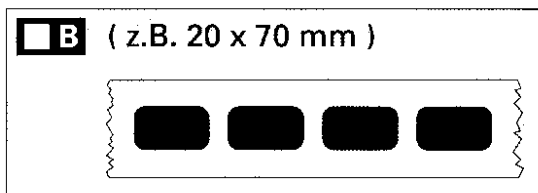
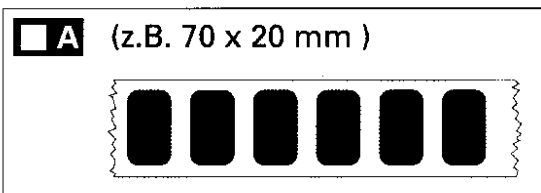
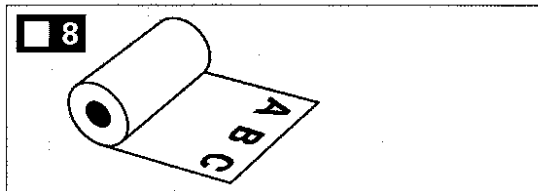
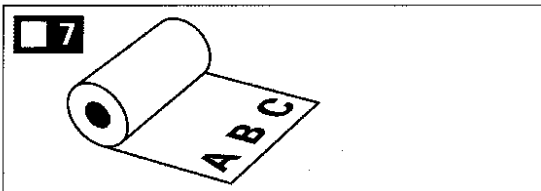
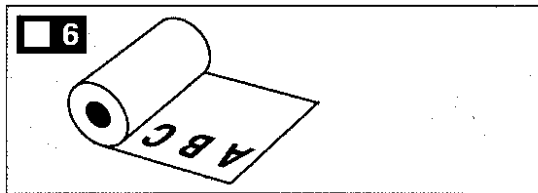
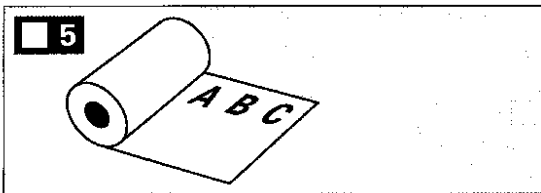
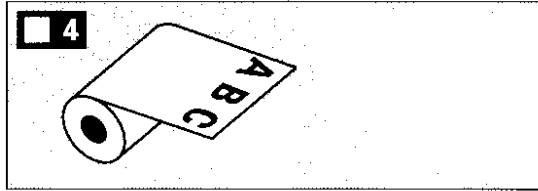
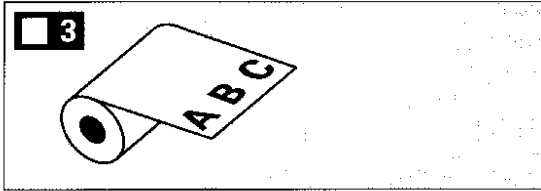
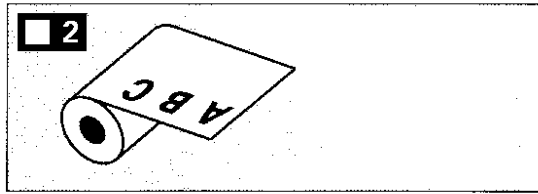
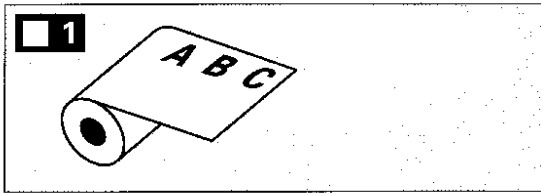
The address you can find in the „Operating Instructions HERMA 400“.

2.3 Mount the drive unit

As the case may be, firstly remove the transport lock of the drive unit.

For mounting the drive unit fasten all components that were loosened, as described in section „2.1 Remove the drive unit“, with proceeding in reverse order

Identification of Label Winding



Recommended & Critical Spare Parts Lists

Recommended Spare Parts

Part Number	Description	Qty
32025	DC Drive Board	1
29035	Quad Ring for Indexer	2
LAB (check#)	Top Hold Down Belt	1
646940	Drive Rubber Roller	1
600134	Black Plastic Roller	1
611974	Timing Belt	1
646557	Spindle for Take Up	1
646560	Strap Disk	1
61602	Blue Paper Guide	5
646925	H400 Drive Motor	1

Critical Spare Parts

Part Number	Description	Qty
LAB (check#)	Spring Steel Wipers	4
LAB (check#)	Orange Foam Sponge Rollers	6
97292	Leuze Photocell	1

Spare parts List for H400

Ordering instructions

- For processing of spare parts orders we absolutely need the material number (Mat.-No.).
- In order to avoid queries please state apparatus number as well.

Procedure

- Obtain the material number of the part needed with the help of its position no.
- For all parts that are available in different types obtain the type of your labeler from the cover page of your HERMA 400 operating instructions (machine type) or directly from the name plate. The name plate you will find on the side of the labeler housing.

Example:

HERMA 400

L F 8

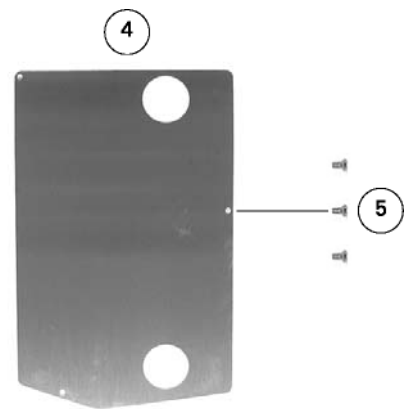
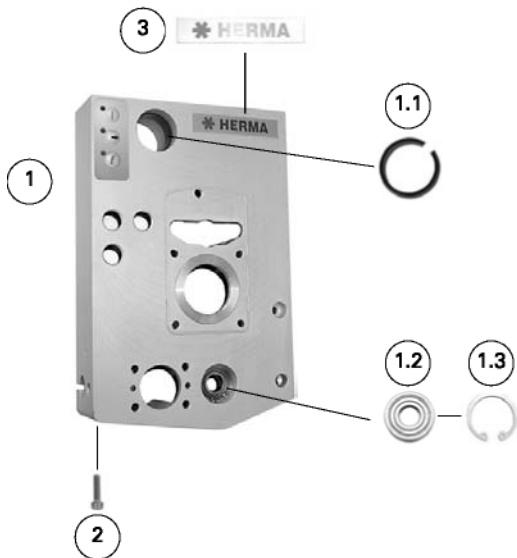
Construction: Left-hand Right-hand L R

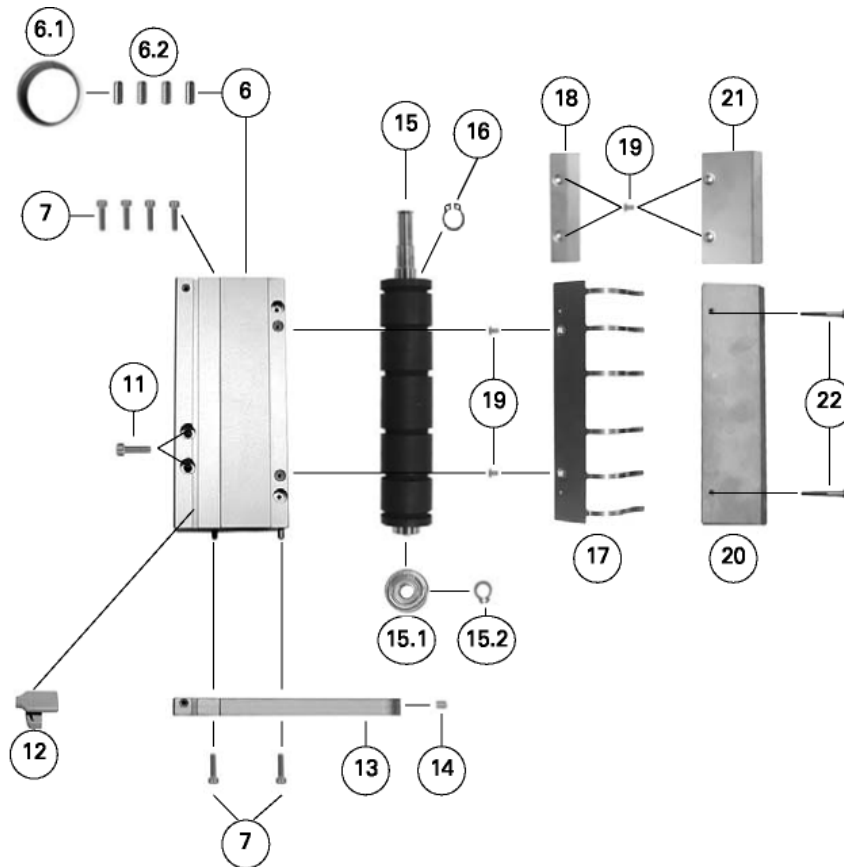
Type: Fix Vario Premium F V P

Backing paper width:	Max.:82 mm	8
	Max.164 mm	16
	Max.: 244 mm	24
	Max.: 328 mm	32

HERMA 400 Mechanical Parts – Basic unit 8/16/24/32

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HERMA 400 – Grundeinheit 8/16/24/32
HERMA 400 – Basic unit 8/16/24/32

Pos.	Mat.-Nr. Mat. No.	Bezeichnung	Description	Anzahl No. pcs.	Einheit Unit
1	646904	Gehäuse L vormontiert	Housing L pre-assembled	1	St./Pcs.
	646905	Gehäuse R vormontiert	Housing R pre-assembled	1	St./Pcs.
1.1	646889	Formteil	Mould	1	St./Pcs.
1.2	093272	Rillenkugellager	Deep groove ball bearing	1	St./Pcs.
1.3	610767	Sicherungsring 28x1,2	Circlip 28x1.2	2	St./Pcs.
2	610076	Zylinderschraube M5x25	Hex. socket head cap screw M5x25	1	St./Pcs.
3	647234	Schild HERMA 70x54x0,5	Sign HERMA 70x54x0.5	1	St./Pcs.

4	646881	Blech 147,6x232 L	Sheet metal 147.6x232 L	1	St./Pcs.
	646886	Blech 147,6x232 R	Sheet metal 147.6x232 R	1	St./Pcs.
5	610272	Linsenschraube M3x6	Raised cheese head screw M3x6	3	St./Pcs.
6	646915	Zwischenstück komplett 8/16	Intermediate piece complete 8/16	1	St./Pcs.
	601127	Zwischenstück komplett 24	Intermediate piece complete 24	1	St./Pcs.
	602621	Zwischenstück komplett 32	Intermediate piece complete 32	1	St./Pcs.
6.1	093990	DU-Buchse	Bushing	2	St./Pcs.
6.2	610638	Zylinderstift	Cylindrical pin	4	St./Pcs.
7	610074	Zylinderschraube M5x16	Hex. socket head cap screw M5x16	6	St./Pcs.
11	611956	Zylinderschraube M5x30 DIN6912	Hex. socket head cap screw M5x30	2	St./Pcs.
			Breite / width 32:	4	St./Pcs.
12	616023	Papierführung L/R	Paper guide L/R	1	St./Pcs.
13	646916	Leiste eloxiert	Rail anodized	1	St./Pcs.
14	611970	Gewindestift M6x10 DIN 914r	Parallel pin M6x10 DIN 914r	1	St./Pcs.
15	646940	Transportwalze komplett 8/16	Transport roller complete 8/16	1	St./Pcs.
	601145	Transportwalze komplett 24	Transport roller complete 24	1	St./Pcs.
	602584	Transportwalze komplett 32	Transport roller complete 32	1	St./Pcs.
15.1	093268	Rillenkugellager	Deep groove ball bearing	1	St./Pcs.
15.2	611717	Sicherungsring 6x0,7	Circlip 6x0.7	1	St./Pcs.
16	610746	Sicherungsring 12x1	Circlip 12x1	1	St./Pcs.
17	646885	Blattfeder	Leaf spring	1	St./Pcs.
			Breite / width 32:	2	St./Pcs.
18	601104	Blech 22x81,8	Sheet metal 22x81,8	1	St./Pcs.
		(nur Breite 24, zusätzlich zu Pos. 17)	(Width 24 only, in addition to Pos. 17)		
19	611212	Senkschraube M3x6	Countersunk screw M3x6	2	St./Pcs.
			Breite / width 32:	4	St./Pcs.
			Breite / width 24:	6	St./Pcs.
20	646884	Blech 46,2x163,8	Sheet metal 46.2x163.8	1	St./Pcs.
			Breite / width 32:	2	St./Pcs.
21	601103	Blech 46,2x81,8	Sheet metal 46,2x81,8	1	St./Pcs.
22	611899	Zylinderschraube M3x30	Hex. socket head cap screw M3x30	2	St./Pcs.
			Breite / width 32:	4	St./Pcs.

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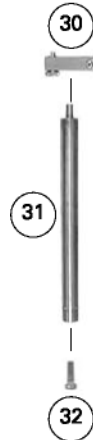
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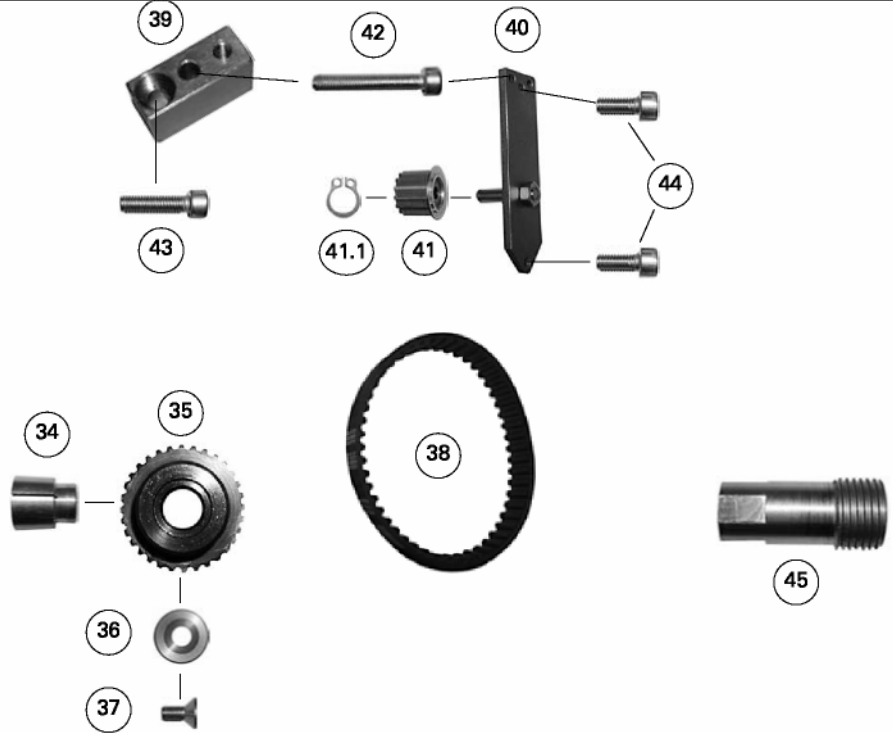
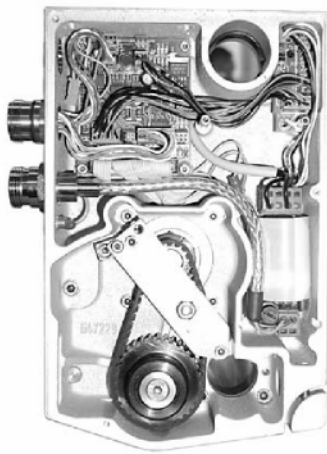
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HERMA 400 – Grundeinheit 8/16/24/32
HERMA 400 – Basic unit 8/16/24/32



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HERMA 400 – Grundeinheit 8/16/24/32
HERMA 400 – Basic unit 8/16/24/32

Pos.	Mat.-Nr. Mat. No.	Bezeichnung	Description	Anzahl No. pcs.	Einheit Unit
23	600132	Schwenkhebel komplett	Swivel lever complete	1	St./Pcs.
			Breite / width 32:	2	St./Pcs.
23.1	600133	Hebel eloxiert	Lever anodized	1	St./Pcs.
23.2	600136	Stange 6x83	Bar 6x83	1	St./Pcs.
23.3	600134	Rolle komplett	Roller complete	1	St./Pcs.
23.4	610414	Gewindestift M4x5 DIN914	Set screw M4x5 DIN914	1	St./Pcs.
24	600074	Stange 8/16 10x183	Bar 8/16 10x183	1	St./Pcs.
	601105	Stange 24 10x265	Bar 24 10x265	1	St./Pcs.
25	600138	Klemmstück komplett	Clamp complete	1	St./Pcs.
			Breite / width 32:	2	St./Pcs.
26	602552	Rohr 32 16x328	Tube 32 16x328	1	St./Pcs.
27	602554	Stange 32 10x345	Bar 32 10x345	1	St./Pcs.
28	602556	Leiste komplett 32	Holder complete 32	3	St./Pcs.
30	090468	Klemmhebel	Clamp lever	1	St./Pcs.
31	646869	Stange 12x151 (für 8/16/24)	Bar 12x151 (for 8/16/24)	1	St./Pcs.
	602615	Stange 12x280,5 (für 32)	Bar 12x280.5 (for 32)	1	St./Pcs.
32	611916	Zylinderschraube M5x16	Hex. socket head cap screw M5x16	1	St./Pcs.
33	600025	Bremsblech	Brake plate	1	St./Pcs.
			Breite / width 32:	2	St./Pcs.
34	611977	Spannelement BOQA D =10mm	Clamping device BOQA D =10mm	1	St./Pcs.
35	646926	Riemenscheibe z32 49.97x34	Pulley z32 49.97x34	1	St./Pcs.
36	646936	Scheibe 20,0x3,0	Disc 20.0x3.0	1	St./Pcs.
37	610251	Senkschraube M6x12 DIN7991 r	Countersunk screw M6x12 DIN7991 r 1	1	St./Pcs.
38	611974	Zahnriemen 150 S 5M 255	Toothed belt 150 S 5M 255	1	St./Pcs.
39	646934	Stein 25x10x15	Block 25x10x15	1	St./Pcs.
40	646930	Schwinge kompl. H400	Rocker arm compl. H400	1	St./Pcs.
41	646928	Riemenscheibe kompl. z14	Pulley compl. z14	1	St./Pcs.
41.1	611717	Sicherungsring 6x0,7 DIN 471 r	Circlip 6x0.7 DIN 471 r	1	St./Pcs.
42	610067	Zylinderschraube M4x25 DIN 912 r	Hexagon socket head screw M4x25	1	St./Pcs.
43	610064	Zylinderschraube M4x16 DIN 912 r	Hexagon socket head screw M4x16	1	St./Pcs.
44	610062	Zylinderschraube M4x10 DIN 912 r	Hexagon socket head screw M4x10	2	St./Pcs.
45	646945	Abziehwerkzeug (f. Pos. 34 + 35)	Pulling-off device (f. pos. 34 + 35)	1	St./Pcs.

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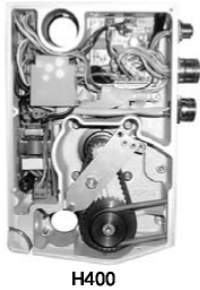
HERMA 400 – Electrical and electronic parts



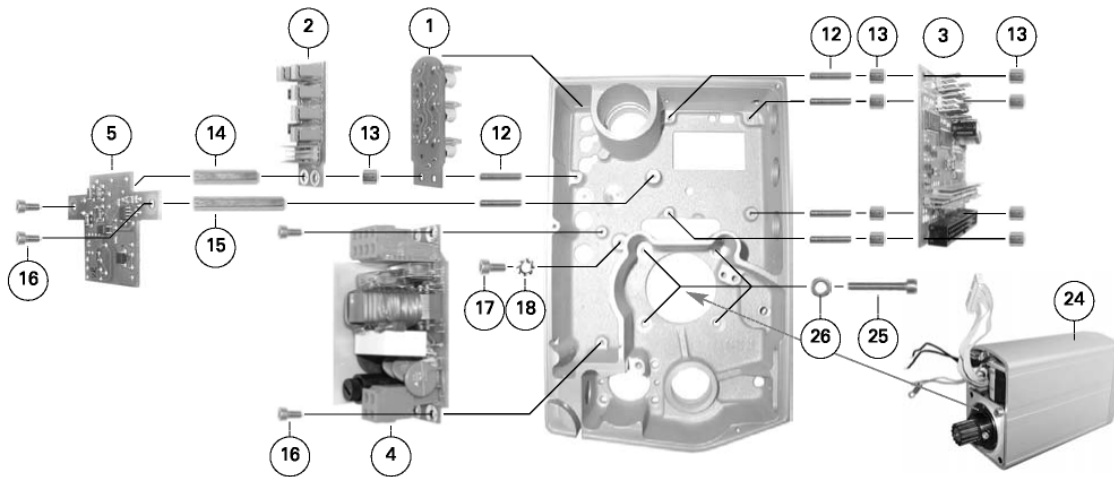
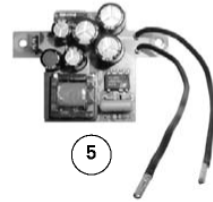
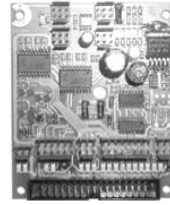
HERMA 400 – Elektrik und Elektronik
HERMA 400 – Electrical and electronic parts



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HERMA 400 – Elektrik und Elektronik
HERMA 400 – Electrical and electronic parts

Pos.	Mat.-Nr. Mat. No.	Bezeichnung	Description	Anzahl No. pcs.	Einheit Unit
1	097642	Tastatur-Platine	Keyboard circuit	1	St./Pcs.
2	097645	Verteiler-Platine	Distributor circuit	1	St./Pcs.
3	097767	Verteiler-Platine H400	Distributor circuit H400	1	St./Pcs.
4	097768	Netzfilter-Platine	Filter circuit	1	St./Pcs.
5	097769	Netzteil-Platine	Powerpack circuit	1	St./Pcs.
6	097401	Kabel konfektioniert	Cable	3	St./Pcs.
7	097568	Steuerkabel 5-polig 3m	Control cable 5-channel 3m	1	St./Pcs.
	097569	Steuerkabel 5-polig 5m	Control cable 5-channel 5m	1	St./Pcs.
8	097653	Stecker 19-pol. (wenn 3 = 403a)	Plug 19-channel if 3 = 403a)	1	St./Pcs.
	097843	Stecker 19-pol. (wenn 3 = 403b)	Plug 19-channel if 3 = 403b)	1	St./Pcs.
9	097608	Steuerkabel 19-polig 2,5m	Control cable 19-channel 2,5m	1	St./Pcs.
	097609	Steuerkabel 19-polig 5m	Control cable 19-channel 5m	1	St./Pcs.
10	097770	Stecker 3-polig konfektioniert	Plug 3-channel	1	St./Pcs.
11	097490	Netzkabel 3polig 5m	Mains cable 3-channel 5m	1	St./Pcs.
12	611966	Gewindestift M3x16	Set screw M3x16	1	St./Pcs.
13	097749	Distanzbolzen M3x6	Distanze bolt M3x6	9	St./Pcs.
14	097816	Distanzbolzen M3x20	Distanze bolt M3x20	1	St./Pcs.
15	646942	Distanzbolzen M3x29,1	Distanze bolt M3x29,1	1	St./Pcs.
16	610056	Zylinderschraube M3x6	Hexagon socket head screw M3x6	4	St./Pcs.
17	610061	Zylinderschraube M4x8	Hexagon socket head screw M4x8	1	St./Pcs.
18	610601	Zahnscheibe 4,3	Toothed lock washer 4.3	1	St./Pcs.
19	097771	Potentiometer Geschw. + Nachlauf	Potentiometer Speed + Stopdelay	1	St./Pcs.
	097817	Potentiometer Geschw. + Startverz.	Potentiometer Speed + Startdelay	1	St./Pcs.
20	097651	Verbindungskabel H400 2-adr.	Connecting cable H400 2-channel	1	St./Pcs.
21	097652	Verbindungskabel H400 5-adr.	Connecting cable H400 5-channel	1	St./Pcs.
22	097757	Verbindungskabel H400 10-adr.	Connecting cable H400 10-channel	1	St./Pcs.
23	647233	Folientastatur	Foil keyboard	1	St./Pcs.
24	646925	Antriebseinheit H400 230V	Drive unit H400 230V	1	St./Pcs.
25	610067	Zylinderschraube M4x25	Hexagon socket head screw M4x25	4	St./Pcs.
26	611101	Unterlagscheibe 4,3	Disc 4,3	4	St./Pcs.
27	097582	Reduzierung PG13,5-9	Reduction PG13,5-9	1	St./Pcs.
28	095004	Blindstopfen Pg9	Blind plug Pg9	1	St./Pcs.
29	097371	Blindstopfen Pg13,5	Blind plug Pg13.5	1	St./Pcs.

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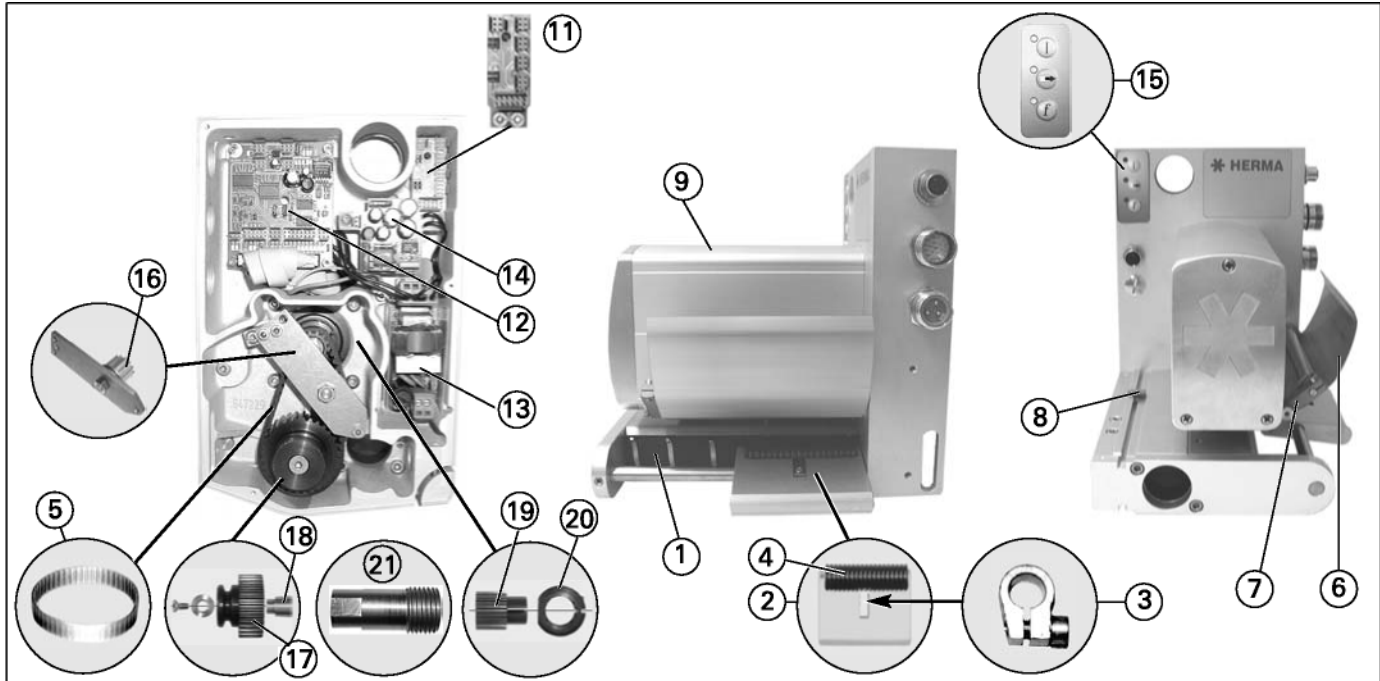
Electrical Drawings

The Electrical Drawings are available in PDF Format on the CD Supplied as an annex to this Manual

PLC Programs

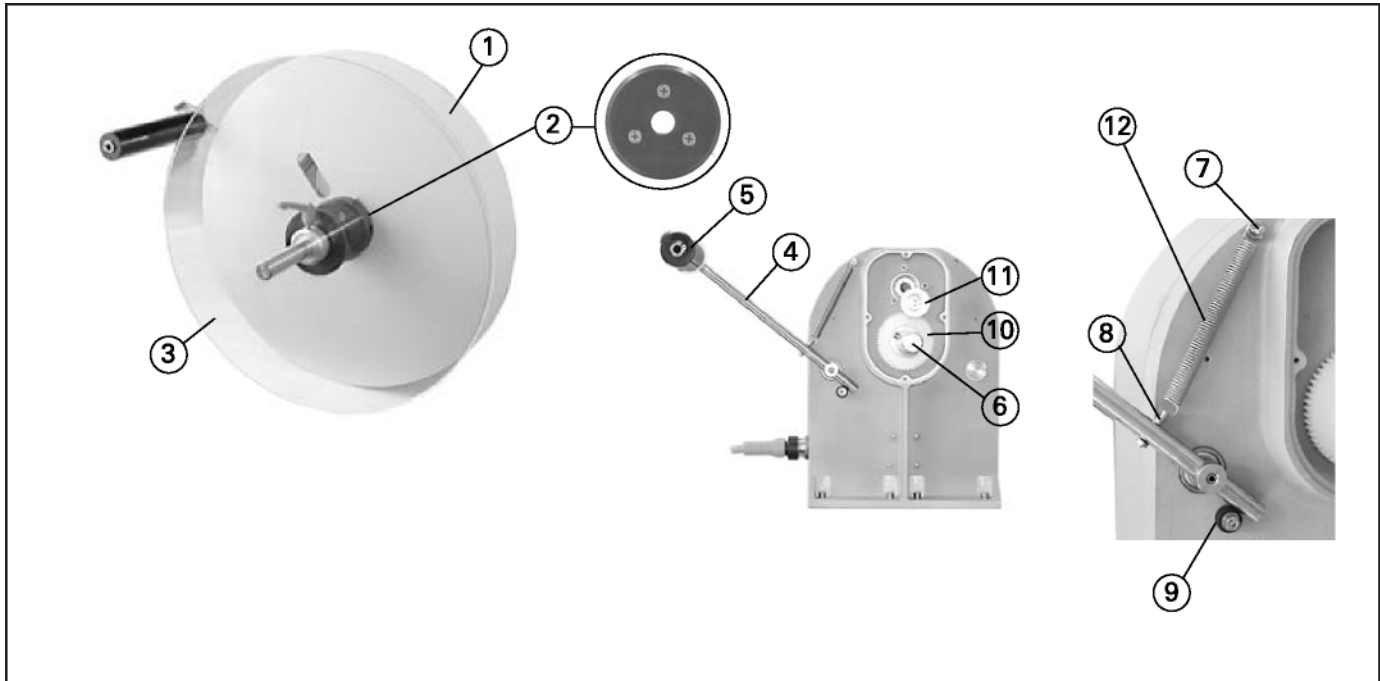
The PLC Programs are available in PDF Format on the CD Supplied as an annex to this Manual

Grundeinheit
Basic unit
Unité de base



Pos. Item Pos.	Bezeichnung Description Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Transportwalze komplett	Transport roller complete	Rouleau de transport complet	
16	16	16	1	646940
24	24	24	1	601145
32	32	32	1	602584
2	Schwenkhebel komplett	Swivel lever complete	Levier de blocage complet	1 6001 32
3	Klemmstück komplett	Clamp piece complete	Pièce de serrage complet	1 600138
4	Rolle komplett	Roller complete	Rouleau complet	1 600134
5	Zahnriemen	Toothed belt	Couroie crantée	1 611974
6	Bremsblech	Brake plate	Tôle-frein	1 600025
7	Klemmhebel	Clamp lever	Levier de serrage	
R	R	R (droite)		1 090469
L	L	L (gauche)		1 090468
8	Papierführung	Paper guide	Guide bande	1 616023
9	H400 Antriebseinheit komplett inkl. Elektronik	H400 drive-unit complete incl. electronics	Entraînement complet H400 incl. electronics	230V 11 5V 1 646965 646966
11	Verteiler-Platine	Distrib. circuit board	Carte de circuits distrib.	1 097645
12	H400 Verteiler-Platine	H400 Distrib. circuit board	Carte de circuits H400	1 097825
13	H400 Netzfilter-Platine	H400 filter cilrcuit board	Carte de circuits H400, filter	1 097832
14	H400 Netzteil-Platine	H400 power pack circuit board	Carte de circuits H400, alimentation	1 097769
15	Folientastatur H400	Foil keypad H400	Clavier à effleurement H400	1 097844
16	Riemenscheibe z14 komplett	Pulley z14 complete	Poulie z14 complet	1 646928
17	Riemenscheibe Z32 Walze	Pulley z32 roller	Poulie z32 rouleau	1 646926
8	Spannelement	Tensioner	Tendeur	1 611977
19	Riemenscheibe Z14 Motor	Pulley z14 motor	Poulie z14 moteur	1 646923
20	Scheibe komplett	Disk complete	Disque complet	1 646929
21	Abziehwerkzeug für Pos.17+18	Pulling-off-device for pos.17+18	Démonte-roue pour pos.17+18	646945

Motorischer (Schlaufen-)Vorröller Motorized (loop-type) unwinder 1/2
Dérouleur à moteur (de boucle)



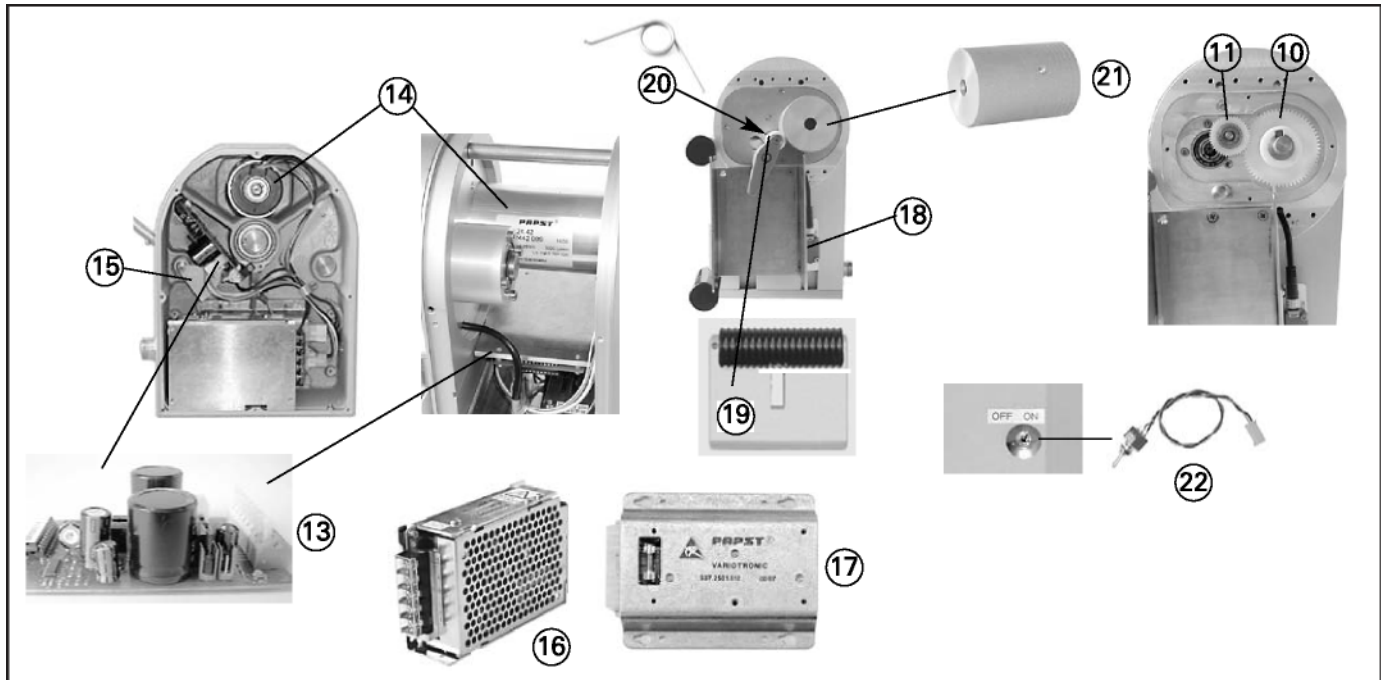
Position	Item	Description	Detail	Qty	Part #	
1	Scheibe ø 404 mm	Disc ø 404 mm	Disque ø 404 mm	1	625258	
			ø 404 mm	ø 404 mm	1	625153
2	Scheibe, komplett - für Hülse ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	Ring, complete - for core ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	Disque, complet - pour douilles ø 40 mm	1	625357	
			ø 50 mm	1	625358	
			ø 70 mm	1	625359	
			ø 76 mm (3'')	1	625360	
			ø 90 mm	1	625361	
3	Gegenhalter, komplett ø 400 mm, stehend - für Hülse ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	Counter holder, complete ø 400 mm, vertical - for core ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	Contre support, complet ø 400 mm, verticale - pour douilles ø 40 mm	1	625326	
			ø 50 mm	1	625327	
			ø 70 mm	1	625328	
			ø 76 mm (3'')	1	625329	
			ø 90 mm	1	625330	
	ø 400 mm, liegend - für Hülse ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	ø 400 mm, horizontal - for core ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	ø 400 mm, horizontale - pour douilles ø 40 mm ø 50 mm ø 70 mm ø 76 mm (3'')	ø 40 mm	1	625365
				ø 50 mm	1	625364
				ø 70 mm	1	625363
				ø 76 mm (3'')	1	625362
				ø 90 mm	1	625366
4	Pendel, komplett 8 16 24 32	Pendulum, complete 8 16 24 32	Pendule, complet 8	1	625302	
			16	1	625303	
			24	1	625304	
			32	1	625305	
5	Rolle, komplett 8 16 24 32	Roller, complete 8 16 24 32	Rouleau, complet 8	1	620356	
			16	1	620357	
			24	1	620361	
			32	1	620362	
6	Welle, komplett 8 16 24 32	Shaft, complete 8 16 24 32	Arbre, complet 8	1	625306	
			16	1	625307	
			24	1	625308	
			32	1	625309	
7	Bolzen	Bolt	Axe	1	088937	
8	Bolzen	Bolt	Axe	1	625356	

9	Scheibe	Disc	Disque	1	655755
10	Zahnrad z59	Gear wheel z59	Roue dentée z59	1	625319
11	Zahnrad komplett z21/43	Gear wheel complete z21/43	Roue dentée complet z21/43	1	625321
12	Zugfeder	Tension spring	Ressort de traction	1	611951

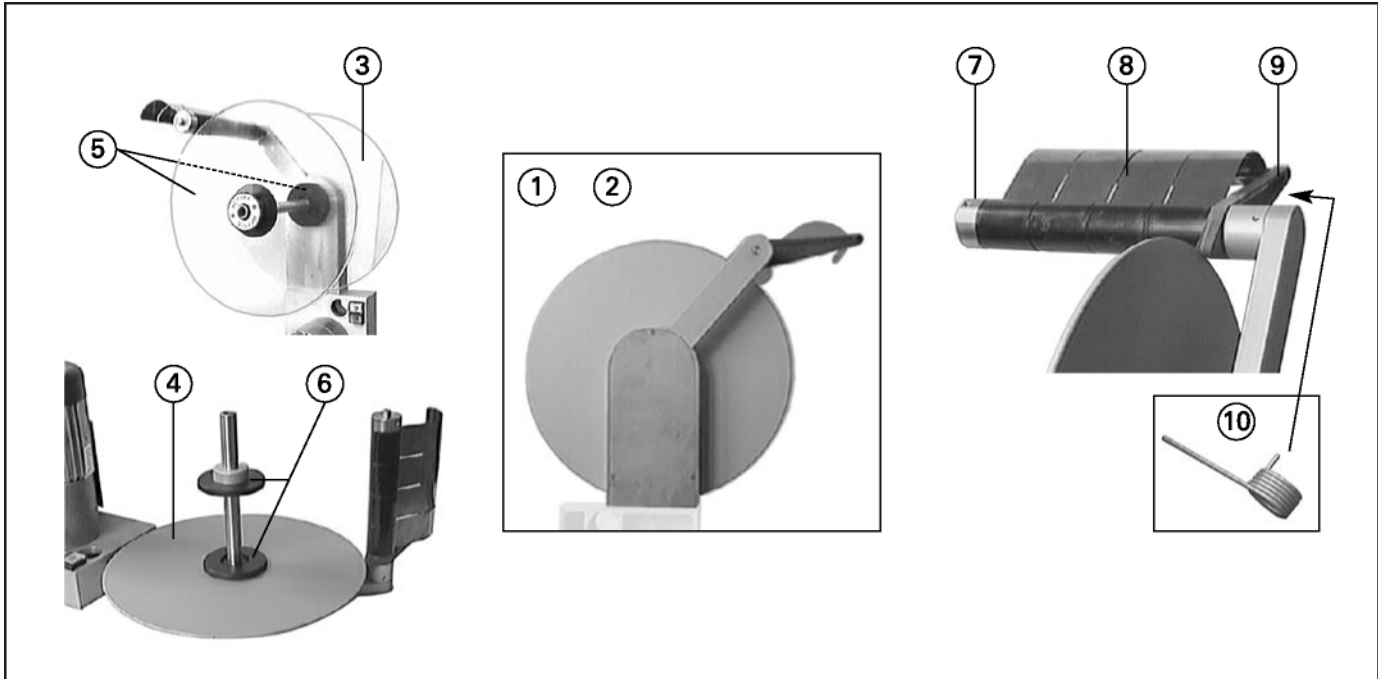
Nur Kerndurchmesser 40 mm / core diameter 40 mm only / seulement diamètre de la douille du rouleau 40 mm

Motorischer (Schlaufen-)Vorröller Motorized (loop-type) unwinder Dérouleur à moteur (de boucle)

2/2



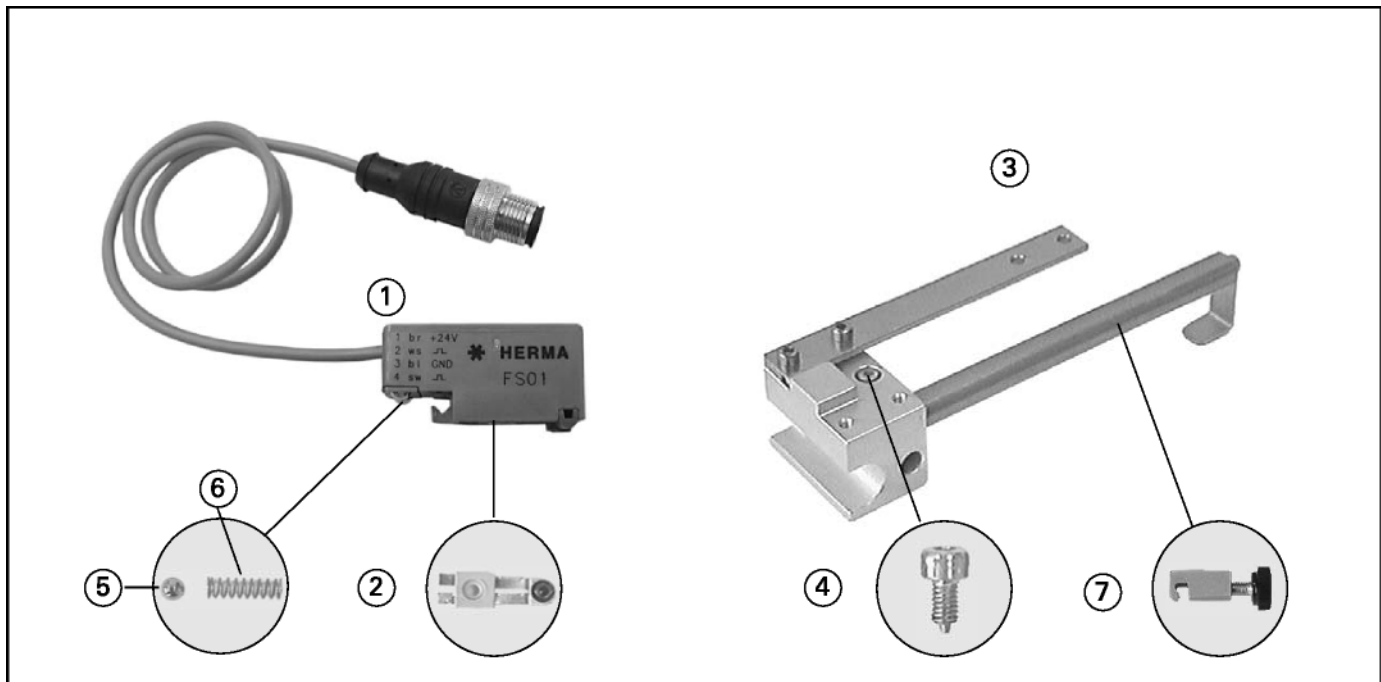
Pos. Item Pos.	Bezeichnung Description Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
13	Platine Circuit board Carte de circuits		1	097620
14	Motor Motor Moteur		1	611943
15	Blech Sheet metal Tôle		1	625325
16	Schaltnetzteil Power pack switch Bloc d'alimentation		1	097548
17	Variotronic Variotronic Variotronic		1	611944
18	Reflexions-Lichtschranke inkl. Reflektor Photoelectric reflex incl. reflector Barrière réflex incl. réflecteur		1	611957
19	Andrückrolle Pressure roller Rouleau de pression		1	600132
20	Schenkelfeder Torsion spring Ressort à branches			
	für for pour		1	625426
	für for pour		1	625427
21	Walze Roller Rouleau			
	8		1	625408
	16		2	625408
	†: + Schraube / screw / vis		1	610096
22	Schalter Switch Interrupteur		1	625367

Rollenhalter
Reel holder
Porte bobine


Pos. Item	Bezeichnung	Description	Ausf. Design	Stck. Pce.	Mat.-Nr. Mat.-No.
1	Rollenhalter, komplett ø 300 mm, stehend	Reel holder, complete ø 300 mm, vertical	Porte bobine, complet ø 300 mm, verticale		
	L8	L8	L 8 (gauche)	1	620302
	R 8	R 8	R 8 (droite)	1	620303
	L 16	L 16	L 16 (gauche)	1	620300
	R 16	R 16	R 16 (droite)	1	620301
2	Rollenhalter, komplett ø 300 mm, liegend	Reel holder, complete ø 300 mm, horizontal	Porte bobine, complet ø 300 mm, horizontale		
	L8	L8	L 8 (gauche)	1	620306
	R 8	R 8	R 8 (droite)	1	620307
	L 16	L 16	L 16 (gauche)	1	620304
	R 16	R 16	R 16 (droite)	1	620305
3	Scheibe, ø 300 mm, stehend	Disc, ø 300 mm, vertical	Disque, ø 300 mm, verticale	1	620269
4	Scheibe, ø 300 mm, liegend	Disc, ø 300 mm, horizontal	Disque, ø 300 mm, horizontale	1	620294
5	Gegenhalter, komplett, stehend ø 300 mm	Counter holder, compl., vertical ø 300 mm	Porte bobine, complet, verticale ø 300 mm		
	- für Hülse	- for core	- pour douilles		
	ø 40 mm	ø 40 mm	ø 40 mm	1	620310
	ø 45 mm	ø 45 mm	ø 45 mm	1	620311
	ø 50 mm	ø 50 mm	ø 50 mm	1	620312
	ø 70 mm	ø 70 mm	ø 70 mm	1	620313
	ø 76 mm (3'')	ø 76 mm (3'')	ø 76 mm (3'')	1	620314
ø 90 mm	ø 90 mm	ø 90 mm	1	620315	
6	Rollenhülsenaufnahme, komplett, liegend, ø 300 mm	Core sleeve, compl., horizontal ø 300 mm	Douille porte mandrine, complet, ø 300 mm, horizontale		
	- für Hülse	- for core	- pour douilles		
	ø 40 mm	ø 40 mm	ø 40 mm	1	620316
	ø 45 mm	ø 45 mm	ø 45 mm	1	620317
	ø 50 mm	ø 50 mm	ø 50 mm	1	620318
	ø 70 mm	ø 70 mm	ø 70 mm	1	620319
	ø 76 mm (3'')	ø 76 mm (3'')	ø 76 mm (3'')	1	620320
ø 90 mm	ø 90 mm	ø 90 mm	1	620321	
7	Stellring, komplett	Set collar, komplett	Anneau d'arrêt, complet	1	620256
8	Federblech	Spring plate	Tôle élastique à ressort	1	620275
9	Hebel, komplett	Lever, complete	Biellette, complète	1	620255
10	Schenkelfeder	Torsion spring	Ressort à branches		
	links	left	gauche	1	620292

H400 FS 01

Eti kettenabtastung Sensing of label tape Unité de palpage

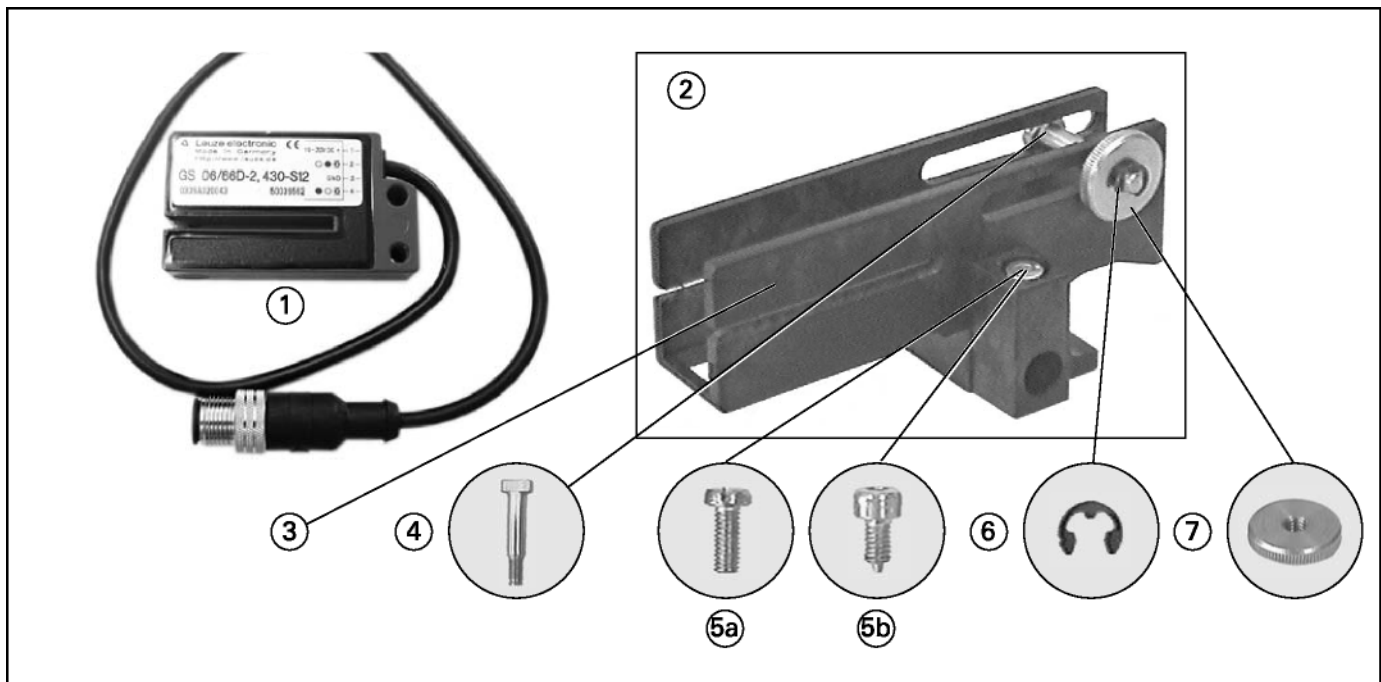


Pos. Item Pos.	Bezeichnung	Description	Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Etikettenabtastung mit Steckverbinder FS 01	Label sensing with connector FS 01	Indexage d'étiquettes avec fiche FS 01		1	680290
	FS 01	FS 01	FS 01		1	680295
2	Abtastkopf komplett FS 01	Sensing head complete FS 01	Tête de palpage, complet FS 01		1	680258
3	Halter komplett R L	Holder complete R L	Support complet R (droite) L (gauche)		1	646635
					1	646636
4	Federndes Druckstück M4	Setscrew M4	Vis de guidage M4		1	646637
5	Kugel D5 Stahl	Ball	Bille		1	611539
6	Druckfeder	Pressure spring	Ressort de traction		1	611560
7	Anschlag	Stop	Butée		1	680268

- „High“ auf Etikett / „high“ on label / „high“ sur l'étiquette
- Bei Feinverstellung / for vernier adjustment / pour réglage micrométrique
- Für Metalletiketten / for metallic labels / pour étiquettes métallisées

H400 Optoelektronische Abtastung

Eti kettenabtau ng Sensing of label tape Unité de palpage



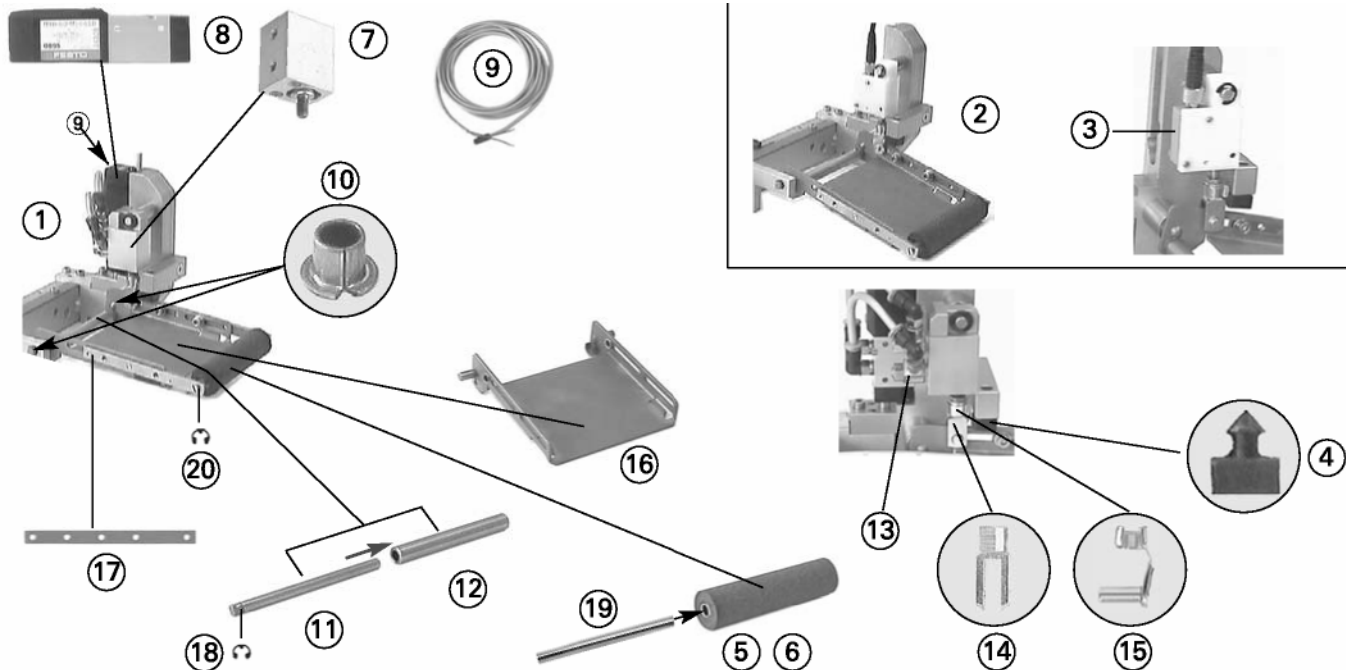
Pos. Item Pos.	Bezeichnung Description Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Lichtschranke Photocell	Cellule	1	097306
2	Formteil, komplett Mould, complete	Préformé, complet	1	646631

3	Formteil	Mould	Préformé	1	646226
4	Stift	Pin	Cheville	1	646254
5a	Zylinderschraube M4 x 10	Cheesehead screw M4 x 10	Vis à tête cylindrique M4 x 10	1	646763
5b	Druckstück, federnd	Thrust piece, elastique	Membre de pression, élastique	1	646637
6	Sicherungsscheibe	Circlip	Circlip	1	610778
7	Rändelmutter M4	Knurled nut M4	Ecrou moleté bas	1	610543

Für Normalverstellung/ for normal adjustment / pour réglage approximatif Für Feinverstellung / for vernier adjustment / pour réglage micrométrique

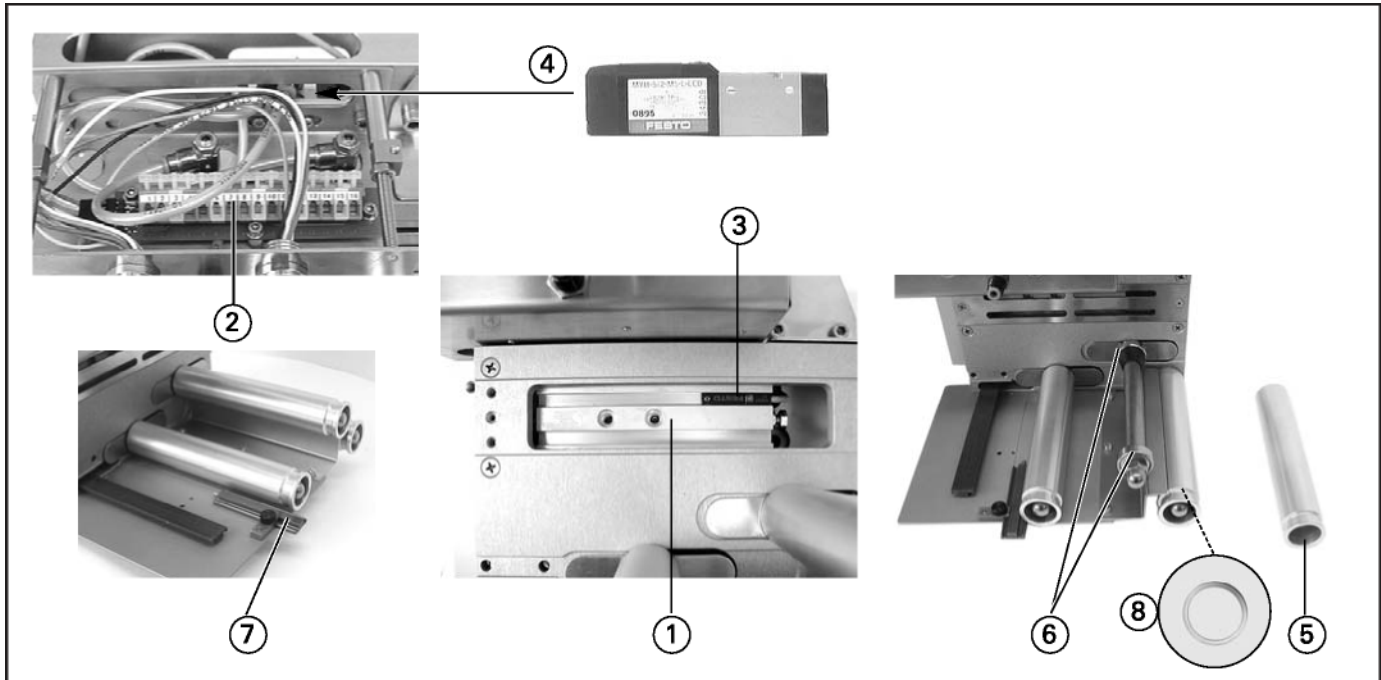
H400 Schwenkzunge pneumatisch/Andrückeinheit 8 / 16

Schwenkzunge / Andrückeinheit
Pivot beak / Application unit
Languelette pivotante / Unité d'application

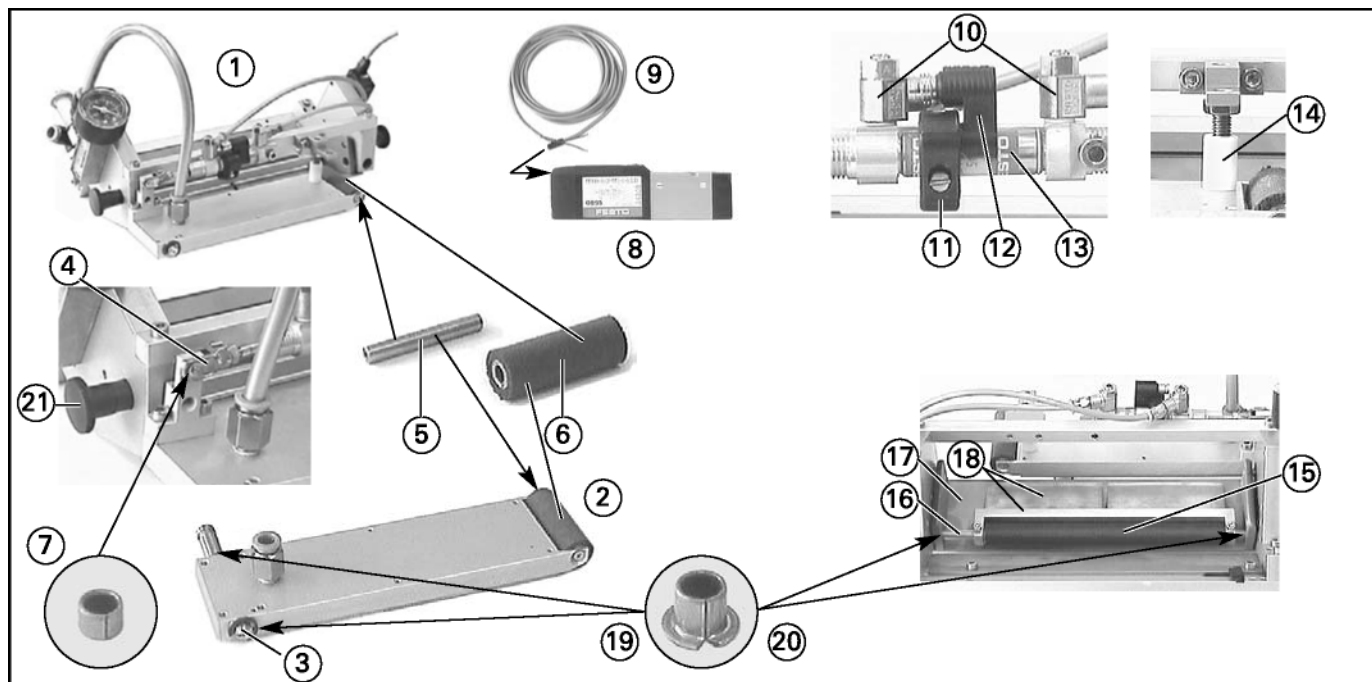


Pos. Item Pos.	Bezeichnung	Description	Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Schwenkzunge, komplett ohne Walze	Pivot beak complete without roller	Languette pivotante, complet sans rouleau			
	8	8	8		1	690420
	16	16	16		1	690425
2	Andrückereinheit, komplett ohne Walze	Application unit complete without roller	Unité d'application, complet sans rouleau			
	8	8	8		1	691010
	16	16	16		1	691013
3	Näherungsschalter	Proximity switch	Détecteur de proximité		1	097281
4	Zargenpuffer	Buffer	Amortisseur		1	611598
5	Walze, Moosgummi	Rubber roller	Rouleau gommé			
	42 mm	42 mm	42 mm		1	091698
	83 mm	83 mm	83 mm		1	091813
	166 mm	166 mm	166 mm		1	091878
6	Walze, Silizium beschichtet	Roller, silicium coated	Rouleau, plaque de silicium			
	42 mm	42 mm	42 mm		1	090333
	83 mm	83 mm	83 mm		1	090334
	166 mm	166 mm	166 mm		1	090335
7	Zylinder ADV-1 2-10	Cylinder ADV-1 2-10	Cylindre ADV-1 2-10		1	612292
8	Magnetventil MYH-5/2-M5-L...	Solenoid valve MZH-5/2-M5-L...	Electrovanne MZH-5/2-M5-L...		1	611317
9	Kabel KMYZ-1-24-2,5	Cable KMYZ-1-24-2,5	Câble KMYZ-1 -24-2,5		1	611453
10	DU-Bundbuchse	Bushing	Douille		2	613400
11	Achse	Axle	Axe			
	8	8	8		1	616016
	16	16	16		1	616017
12	Rohr	Tube	Tube			
	8	8	8		1	616033
	16	16	16		1	616083
13	Drosselrückschlagventil GRLA-M5	One-way restrictor GRLA-M5	Soupape d'étranglement de retenue GRLA-M5		1	093194
14	Gabelkopf	Fork head	Chape avant de vérin		1	096089
15	Bolzen	Knuckle pin	Pivot		1	096073
16	Zunge komplett	Stripper complete	Languette complet			
	8	8	8		1	690435
	16	16	16		1	690436
17	Leiste	Rail	Profilé plat		1	690437
18	Sicherungsscheibe	Circlip	Circlip		1	610779
19	Stange	Bar	Barre			
	8	8	8		1	091699
	16	16	16		1	091814
20	Sicherungsscheibe	Circlip	Circlip		2	610779

Nur Schwenkzunge / pivot beak only / seulement pour languette pivotante Nur
Andrückereinheit / application unit only / seulement pour unité d'application

Bewegliche Ablösekannte Typ T**Moving beak Type T****Langnette de distribution escamotable Type T**

Pos. Item Pos.	Bezeichnung	Description	Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Zylinder DPZJ...	Cylinder DPZJ...	Cylindre DPZJ...		1	614269
2	Klemmleiste	Terminal strip	Borne plate		1	097243
3	Näherungsschalter SMT-8...	Proximity switch SMT-8...	Détecteur de proximité SMT-8...		1	613869
4	Magnetventil MYH-5/2...	Solenoid valve MYH-5/2...	Électrovanne MYH-5/2...		1	611317
5	Rolle	Roller	Roleau			
	4	4	4		3	729251
	12	12	12		3	731161
	16	16	16		3	731800
6	Rillenkugellager	Deep groove ball bearing	Roulement a billes rainuré		6	093270
7	Leiste komplett (Papierführung)	Rail complete (paper guide)	Préformé (guide bande)		1	647395
8	O-Ring PU 18,77x1,78	O-Ring PU 1 8.77x1 .78	O-Ring PU 1 8,77x1 ,78		1	611932

Transverse transfer system
Dispositif de transfert latéral


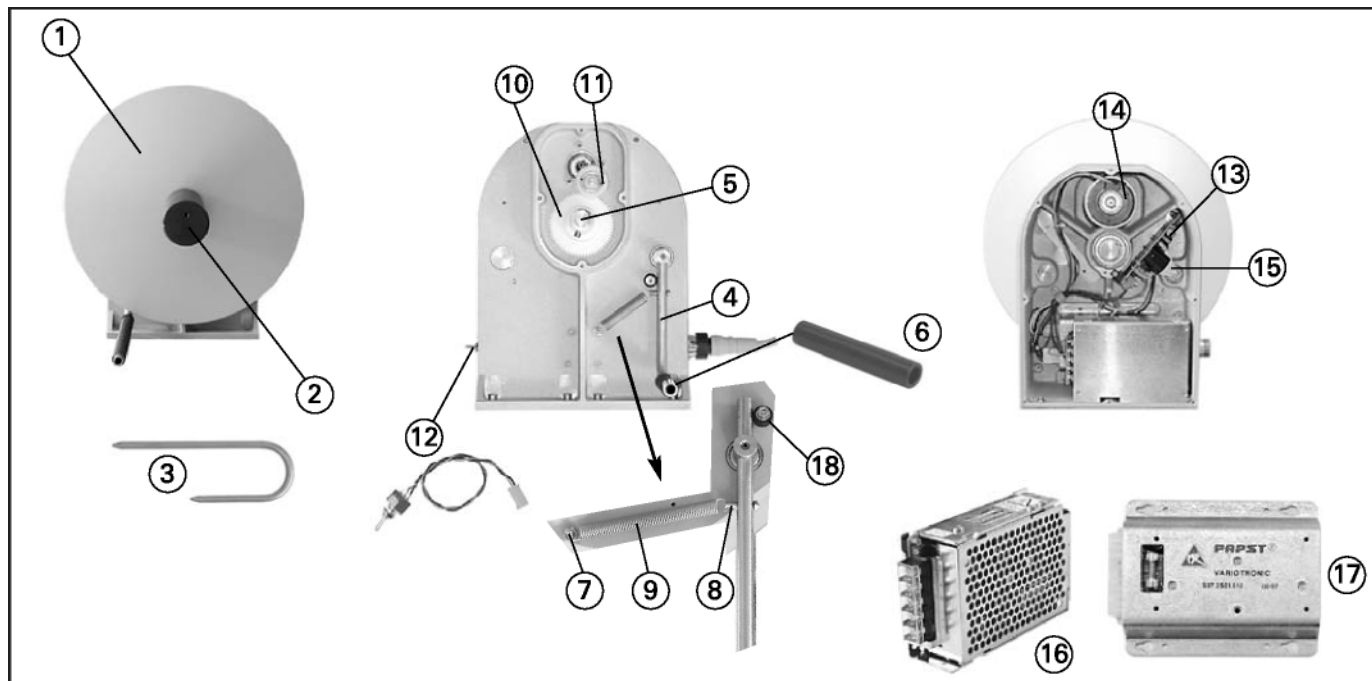
Pos. Item Pos.	Bezeichnung Description Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Querabzug, ohne Saugleiste	Transverse transfer system, without vacuum strip		
	Dispositif de transfert latéral, sans suceur		1	693266
2	Saugleiste komplett	Vacuum strip complete		
	Suceur, complet		1	693279
	20	20	1	693282
	30	30	1	693285
	40	40	1	693288
	50	50	1	693270
3	Exzenterbolzen	Eccentric bolt		
	Boulon d'excentrique		1	693270
4	Gabelkopf m. Bolzen SG-M4	Fork head w. knuckle pin SG-M4		
	Chape avant de vérin avec pivot SG-M4		1	612925
5	Bolzen	Axle		
	Axe		1	693026
	20	20	1	693054
	30	30	1	693056
	40	40	1	693058
	50	50	1	693162
6	Walze	Roller		
	Rouleau		1	693162
	20	20	1	693164
	30	30	1	693166
	40	40	1	693168
	50	50	1	093231
7	DU-Buchse 0404 DU	Bushing 0404 DU		
	Douille 0404 DU		1	093231
8	Magnetventil MYH-5/2-M5-L...	Solenoid valve MZH-5/2-M5-L...		
	Electrovanne MZH-5/2-M5-L...		1	611317
9	Kabel KMYZ-1-24-2,5	Cable KMYZ-1-24-2,5		
	Câble KMYZ-1 -24-2,5		1	611453
10	Drosselrückschlagventil GRLA-M5	One-way restrictor GRLA-M5		
	Soupape d'étranglement de retenue GRLA-M5		1	093194
11	Befestigungs-Bausatz SMBR 10	Mounting set SMBR 10		
	Lot de fixation SMBR 10		1	613477
12	Näherungsschalter SMTO-4U-NS	Proximity switch SMTO-4U-NS		
	Détecteur de proximité SMTO-4U-NS		1	613825
13	Zylinder DSNU-1 0-1 0-P-A	Cylinder DSNU-1 0-1 0-P-A		
	Cylindre DSNU-10-10-P-A		1	612954
14	Bolzen komplett	Bolt complete		
	Boulon complet		1	693220
15	Rolle komplett	Roller complete		
	Roleau complet		1	692348
16	Stange	Bar		
	Barre		1	693275
17	Blech	Sheet		
	Tôle		1	693267
18	Bremse komplett	Brake complete		
	Frein complet		1	693020
19	DU Bundbuchse BB 0808 DU	Bushing BB 0808 DU		
	Douille BB 0808 DU		1	613401
20	Bundbuchse GFM 0608-04	Bushing GFM 0608-04		
	Douille GFM 0608-04		1	613566
21	Rastbolzen D5	Stop bolt		
	Boulon d'arrêt		1	611804

H400 Geregelte Trägerbandaufwicklung

Trägerbandaufwicklung**Backing paper take-up unit****Enroulement du papier-support**

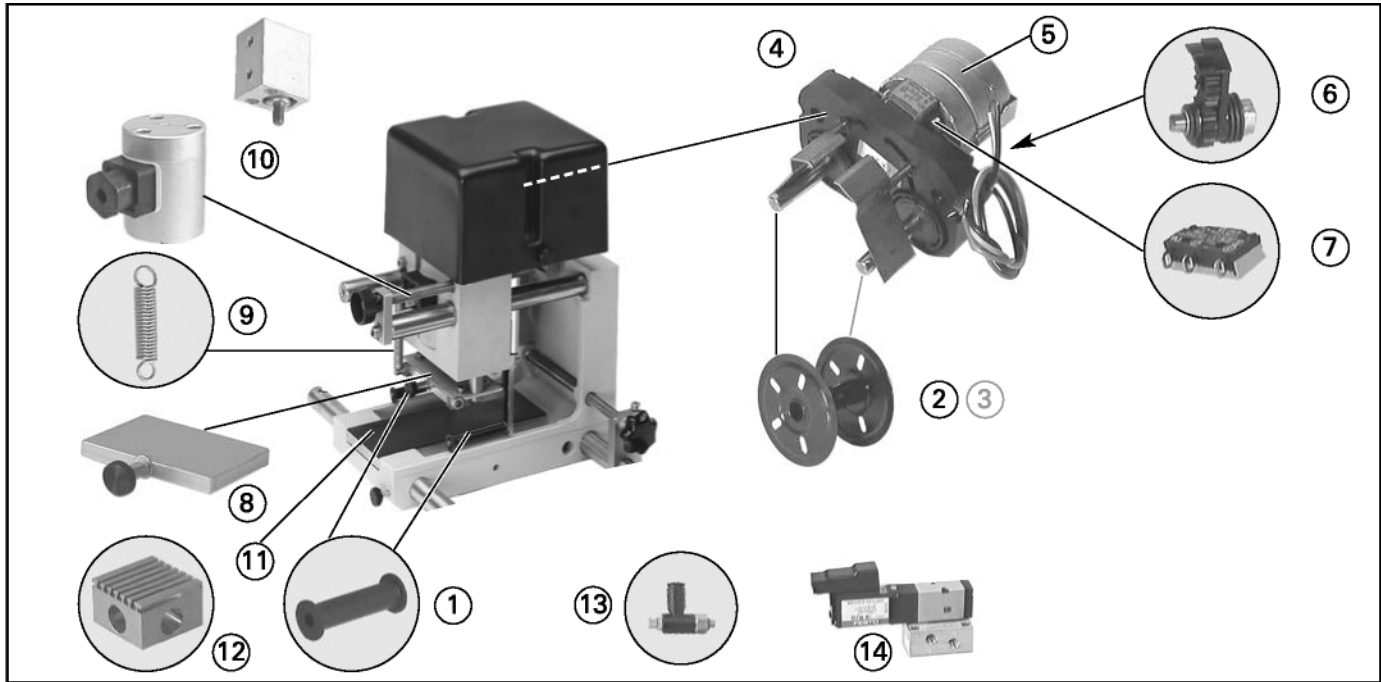
Pos. Item Pos.	Bezeichnung Description Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Rundriemen 5 x 495	Round belt 5 x 495		093559
2	Stange	Bar		
	8	8	1	091683
	16	16	1	091810
3	Rolle komplett	Roller complete		
	8	8	1	646605
	16	16	1	646607
4	Zugfeder	Tension spring		093575
5	Welle	Shaft		646557
6	Riemenscheibe komplett	Strap disk complete		646560
7	Axial-Nadelkranz	Thrust bearing		093602
8	Axial Lagerscheibe	Bearing plate		093603
9	Scheibe	Disc		621230
10	Buchse komplett	Bushing complete		
	L	L	1	621244
	R	R	1	621245
11	Rillenkugellager	Deep groove ball bearing		093270

Gerät liegend / machine horizontally placed / machine horizontalement placée

Trägerbandaufwicklung**Backing paper take-up unit****Enroulement du papier-support**

Pos. Item	Bezeichnung	Description	Ausf. Design	Stck. Pce.	Mat.-Nr. Mat.-No.
Pos.		Désignation	Version	Nbre	No.-mat.
1	Scheibe ø 300 mm	Disc ø 300 mm		1	621210
2	Rolle komplett	Roller complete			
	8	8		1	621196
	16	16		1	621197
	24	24		1	621212
	32	32		1	602543
3	Stange	Bar			
	8	8		1	091683
	16	16		1	091810
	24	24		1	621215
	32	32		1	602167
4	Pendel, komplett	Pendulum, complete			
	8	8		1	621255
	16	16		1	621256
	24	24		1	621257
	32	32		1	621258
5	Welle komplett	Shaft complete		1	621270
6	Rohr PVC	Tube			
	8	8		1	621184
	16	16		2	621184
	24	24		3	621184
	32	32		4	621184
7	Bolzen	Bolt		1	088937
8	Bolzen	Bolt		1	625356
9	Zugfeder	Tension spring		1	611952
10	Zahnrad z59	Gear wheel z59		1	625319
11	Zahnrad komplett z21/43	Gear wheel complete z21/43		1	625321
12	Schalter	Switch		1	625367
13	Platine	Circuit board		1	097620
14	Motor	Motor		1	611943
15	Blech	Sheet metal		1	625325
16	Schaltnetzteil	Power pack switch		1	097548
17	Variotronic	Variotronic		1	611944
18	Scheibe	Disc		1	655755

Farbbandstempler
Ribbon-stamping unit
Composteur à ruban-encreur

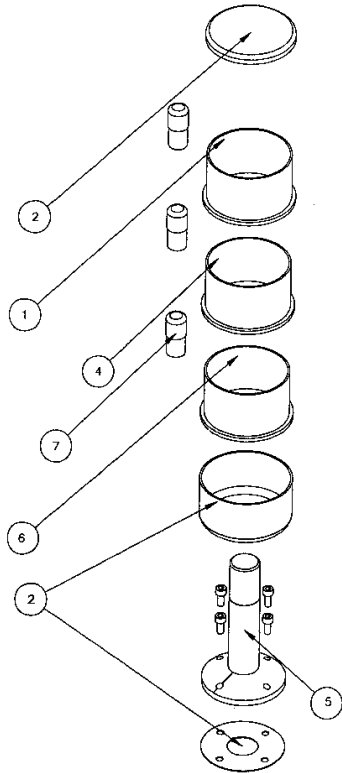


Pos. Item Pos.	Bezeichnung Description Désignation	Ausf. Design Version	Stck. Pce. Nbre	Mat.-Nr. Mat.-No. No.-mat.
1	Rolle für Farbband 30 mm 45 mm	Roller for in k-ribbon 30 mm 45 mm		
		Rouleau pour ruban-encreur 30 mm 45 mm	2 2	091616 660037
2	Farbbandspule leer 30 mm 45 mm	Ink-ribbon spool empty 30 mm 45 mm		
		Bobine du ruban-encreur vide 30 mm 45 mm	1 1	091879 660128
3	Farbband silberschwarz 30 mm 45 mm	Ink-ribbon silver-black 30 mm 45 mm		
		Ruban-encreur argent-noir 30 mm 45 mm	1 1	088013 068302
4	Farbbandautomat	Automatic ribbon reversing unit		
		Dispositif automatique à Ruban-encreur	1	091015
5	Motor	Motor		
		Moteur	1	095487
6	Umschaltung	Change-over		
		Permutateur	1	660193
7	Microschalter	Microswitch		
		Interrupteur micro	1	095811
8	Platte komplett	Plate complete		
		Plaque complet	1	672020
9	Zugfeder	Tension spring		
		Ressort de traction	2	672009
10	El. Magnet D 7H 55N 180V Zylinder ADV-1 2-10	Electromagnet D 7H 55N 180V Cylinder ADV-1 2-10		
		Electroaimant D 7H 55N 180V Cylindre ADV-12-10	1 1	095427 612292
11	Unifoliamatte	Unifoliamatte		
		Unifoliamatte	1	668057
12	Typenaufnahme 30 x 30 40 x 40	Type holder 30 x 30 40 x 40		
		Banc à caractères 30 x 30 40 x 40	1 1	091772 660020
13	Drosselrückschlagventil GRLA-M5-QS-4	One-way restrictor GRLA-M5-QS-4		
		Soupape d'étranglement de retenue GRLA-M5-QS-4	1	611623
14	Magnetventil MZH-5/2-M5-L	Solenoid valve MZH-5/2-M5-L		
		Electrovanne MZH-5/2-M5-L	1	612507

elektrische Ausführung / electric version / version électrique pneumatische Ausführung / pneumatic version / version pneumatique

Labeller Assemblies

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MASTER LABELLER



Item	PART No.	Description	Qty.
1	35050	RED LENS	1
2	35052	BASE	1
2	35052	COVER	1
2	35052	MOUNTING GASKET	1
4	35056	ORANGE LENS	1
5	35057	TUBE 4" FOR LENS	1
6	35051	GREEN LENS	1
7	35037	BULB 24VDC FOR LENS	3
12	BOU1026	SOCKET CAP M5 X 12	4

SPECIFICATIONS

TOLERANCES

ANGLE: ± 0.5°
 FRACTION: ± 1/32"
 DECIMALES: .XX ± .01
 DECIMALES: .XXX ± .002



HERMA
 16871 BLV HYMUS
 KIRKLAND, QUEBEC
 CANADA H9H 3L4
 TEL: (514) 894-3439
 FAX: (514) 894-4107
 EMAIL: info@dl-tech.net

TITLE: LABELLER
 BEACON LIGHT R, Y & G 24VDC

CHECKED BY:

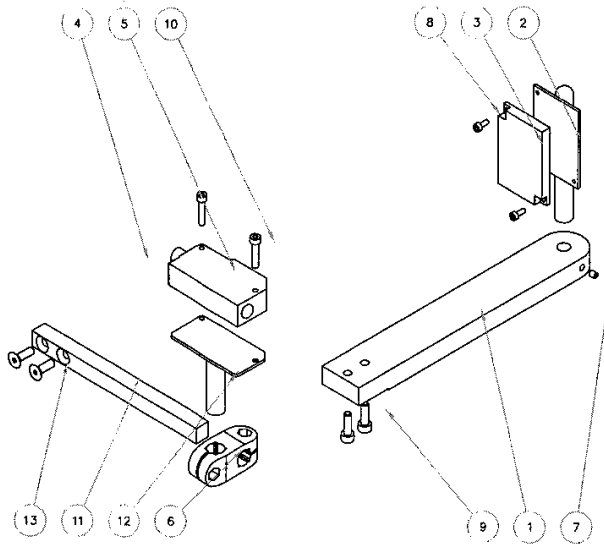
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DRAWING INFORMATION

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MASTER, LABELLER



Item	PART no.	Description	Qty.
1	LAB309		1
2	LAB310		1
3	33030		1
4	97323		1
5	97292		1
6	611638		1
7	BOU3020	SOCKET SET SCREW M5 X 5	1
8	BOU1000	SOCKET CAP SCREW M3 X 8	2
9	BOU1027	SOCKET CAP SCREW M5 X 16	2
10	BOU1016	SOCKET CAP SCREW M4 X 20	2
11	LAB321		1
12	LAB317		1
13	BOU2025	FLAT SCREW M5 X 16	2

REQUIREMENTS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES	
ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± .01
DECIMALES: .XXX	± .002



HERMA
16871 BLV HYMUS
XIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4107
EMAIL: info@dl-tech.net

TITLE: LABELLER DL362M
LOW WEB ASSEMBLY (RIGHT, LEUZE)

CHECKED BY:

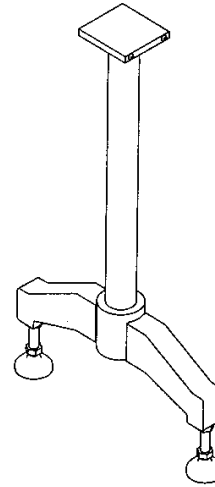
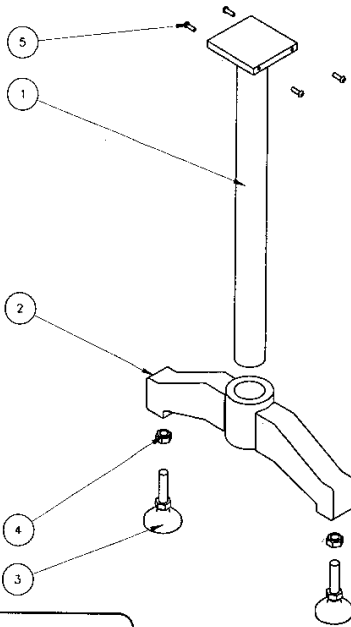
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PD

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PD Z:\Master\Aslab000\ASLAB317.dwg DEC 22, 2001

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MASTER, CONVEYOR



CONFIGURATIONS
Y.: 1

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

Item	PART No.	Description	Qty.
1	CON017	FOOT PLATE & TUBE 24" LONG	1
2	27046	BIPOD FOR TUBE 2"	1
3	27043	LEVELING PAD S/S 98-61920	2
4	BOU4010	FINISH HEX NUT M16	2
5	BOU6026	BUTTON SOCKET CAP SCREW M6 X 20	4

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± .01
DECIMALES: .XXX	± .002



HERMA
18871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 894-3439
FAX: (514) 894-4107
EMAIL: dltech@qc.qlra.com

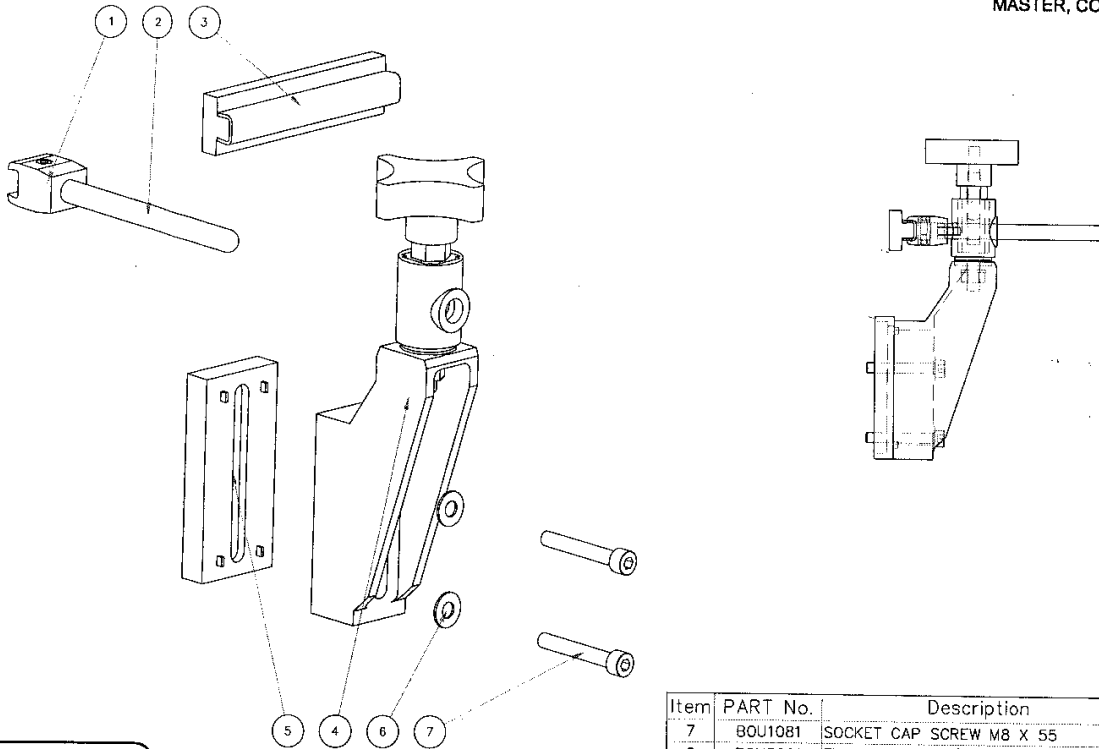
TITLE: CONVEYOR
FOOT FOR CHANNEL MOUNTING ASSEMBLY
DRAWN BY: G.R.
DRAWING INFORMATIONS

CHECKED BY:

Z:\Master\Conveyor\ASCON000\ASCON131.dwg 22 MAR 2002

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MASTER, CONVEYOR



SPECIFICATIONS
 TYP.: 1

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
 BREAK ALL SHARP EDGES

Item	PART No.	Description	Qty.
7	BOU1081	SOCKET CAP SCREW M8 X 55	2
6	BOU5001	FLAT WASHER 5/16	2
5	27047	SPACERS FOR BRACKETS	1
4	27051	GUIDE SUPPORT STANDARD 1/2"	1
3	27031	SST 1-25" TEE GUIDE RAIL	1
2	654050	SHAFT 12 X 120MM	1
1	611639	ROD END PLASTIC 12MM	1

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: XX	± .01
DECIMALES: XXX	± .002



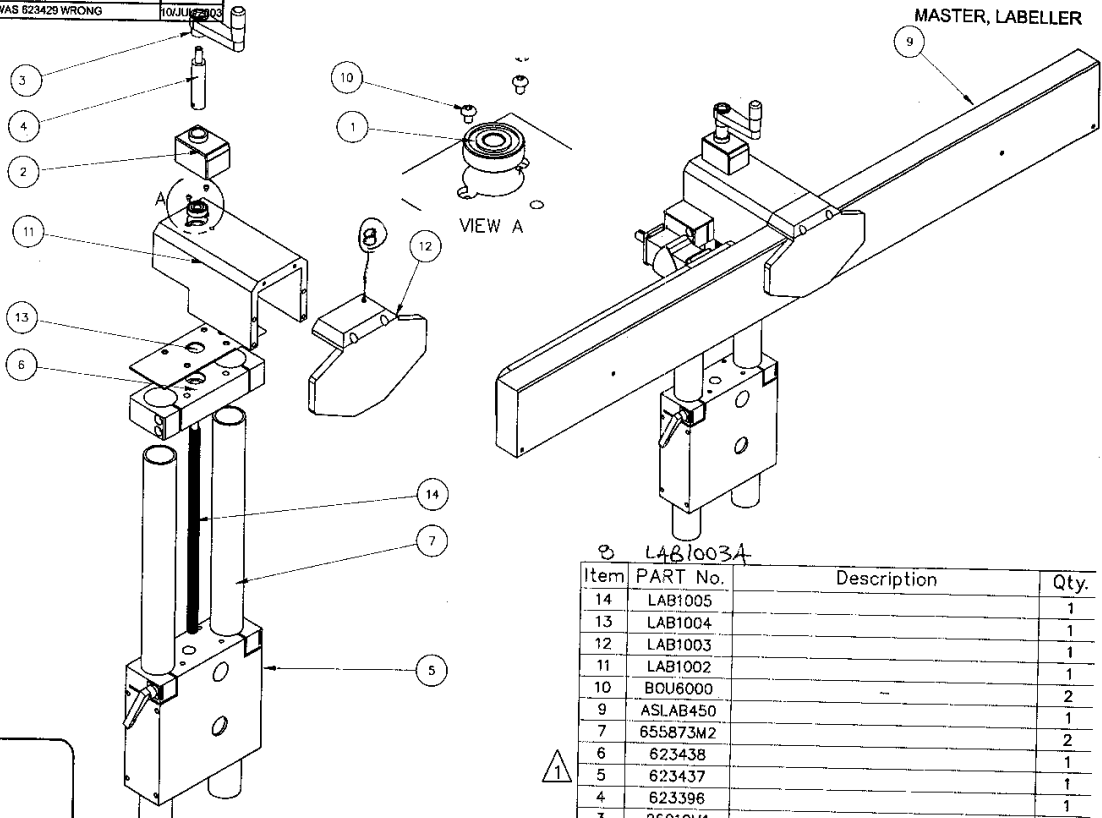
HERMA
 18871 BLV-HYMUS
 KIRKLAND, QUEBEC
 CANADA H9H 3L4
 TEL: (514) 894-3439
 FAX: (514) 894-4107
 EMAIL: dltech@pc-alm.com

TITLE: CONVEYOR
 STANDARD GUIDE SUPPORT LONG
CHECKED BY:

DRAWN BY: MIKE
DRAWING INFORMATION:
 PD Z:\Master\Conveyor\ASCON000\ASCON133.dwg MAY 23, 2002

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REV#	INIT	MODIFICATION	DATE
1	PD	#623437 WAS 623429 WRONG	10/JUL/2003



② LAB1003A

Item	PART No.	Description	Qty.
14	LAB1005		1
13	LAB1004		1
12	LAB1003		1
11	LAB1002		1
10	BOU6000		2
9	ASLAB450		1
7	655873M2		2
6	623438		1
5	623437		1
4	623396		1
3	26010M1		1
2	612724		1
1	21005		1

SPECIFICATIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES

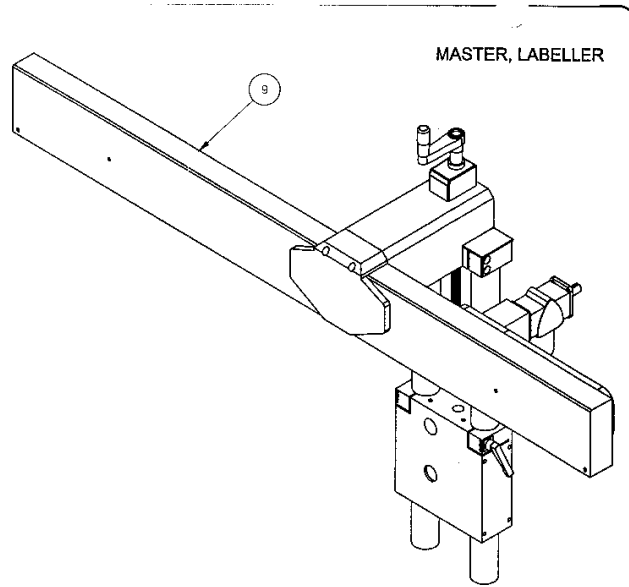
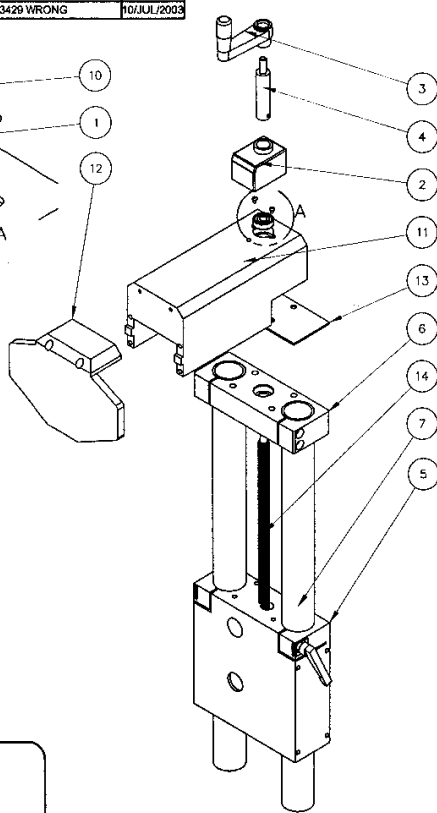
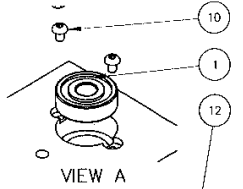
ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± .01
DECIMALES: .XXX	± .002

D.L. TECH
HERMA
18871 BLV H/M/US
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 694-3438
FAX: (514) 694-4107
EMAIL: info@dl-tech.net

TITLE:	LABELLER L TO R ASSY OVERHEAD SUPPORT	CHECKED BY:	REV 1
DRAWN BY:	G.R.	DRAWING INFORMATIONS	
PD Z:\Master\Aslab000\ASLAB452_1.dwg JUL 10, 2003			

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V#	INIT	MODIFICATION	DATE
1	PD	#623437 WAS #623426 WRONG	10/JUL/2003



Item	PART No.	Description	Qty.
14	LAB1005		1
13	LAB1004		1
12	LAB1003		1
11	LAB1002		1
10	BCU6000		2
9	ASLAB450		1
7	623473M1		2
6	623438		1
5	623437		1
4	623396		1
3	26010M1		1
2	612724		1
1	21005		1

SPECIFICATIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES

ANGLE: ± 0.5°
FRACTION: ± 1/32"
DECIMALES: .XX ± .01
DECIMALES: .XXX ± .002



HERMA 16871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4107
EMAIL: info@dl-tech.net

TITLE:

LABELLER
ASSY OVERHEAD SUPPORT

CHECKED BY:

REV

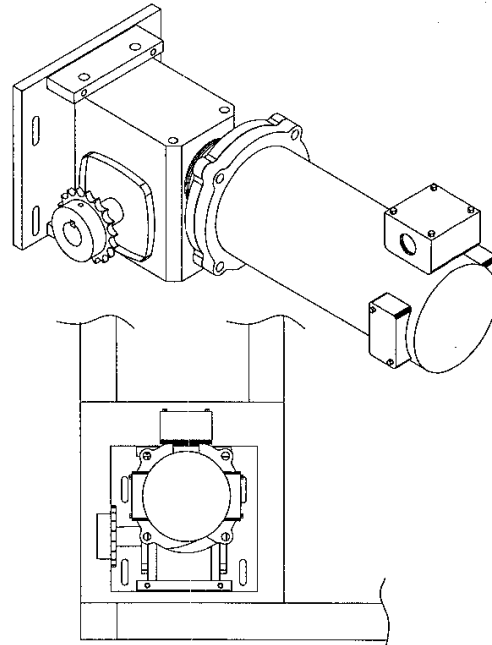
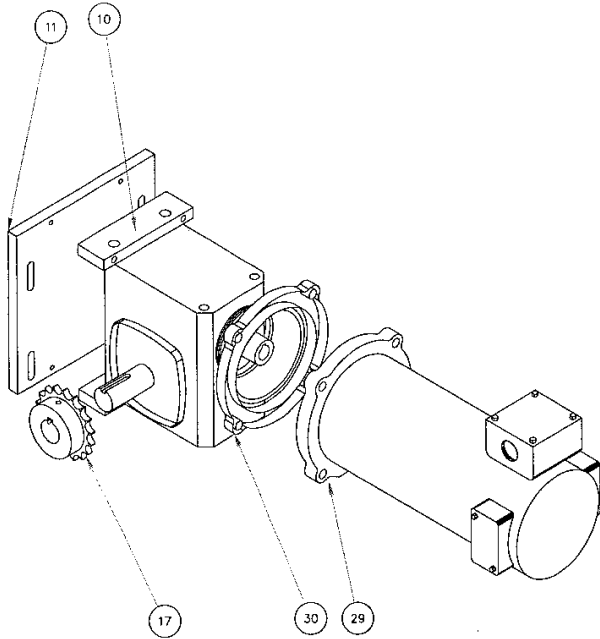
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G.R.

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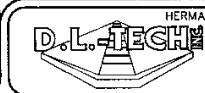
SPECIFICATIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

Item	PART No.	Description	Qty.
30	CON1230	GEARBOX 20:1 721 LEFT 56C	1
29	ELE355	MOTOR 3/4 HP 180VDC	1
17	CON1231	SPROCKET 18T x 1" BORE	1
11	LAB435A	SUPPORT PLATE FOR GEARBOX	1
10	LAB1453	SUPPORT BRACKET FOR GEARBOX	2

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± .01
DECIMALES: .XXX	± .002



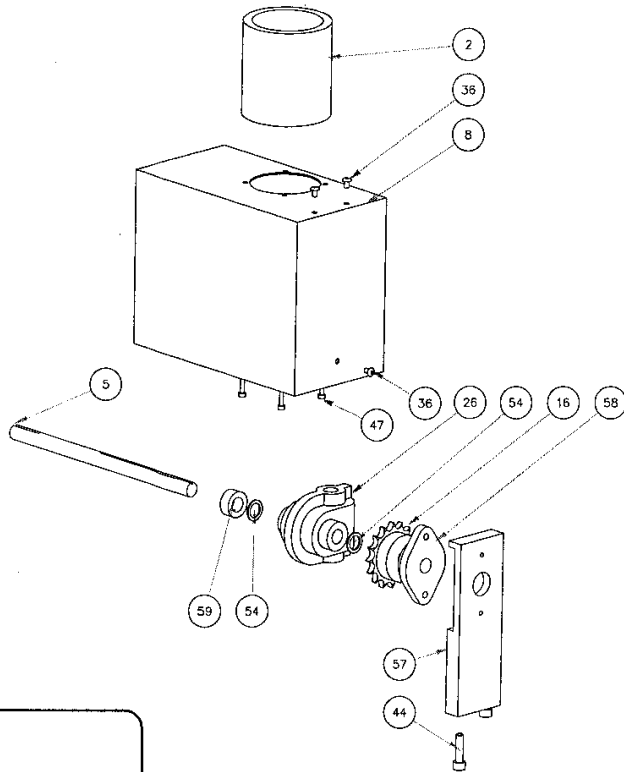
HERMA
18871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 894-3439
FAX: (514) 894-4107
EMAIL: dltech@pc.sims.com

TITLE:	LABELLER TRANSMISSION SYSTEM 1/3	CHECKED BY:	
DRAWN BY:	G.R.	DRAWING INFORMATION:	Z:\Master\Astob000\ASUAB538.dwg 3 FEB 2003

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REV	INIT	MODIFICATION	DATE

MASTER, LABELER



Item	PART No.	Description	Qty.
59	22025	COLLAR 5/8 ID	1
58	LAB691	FLANGE BEARING	1
57	LAB1474	FLANGE BEARING SUPPORT	1
54	BOU9011	FLAT FIBRE WASHER 5/8 ID	2
48	BOU1011	SOCKET CAP SCREW M4 X 8	3
47	BOU1014	SOCKET CAP SCREW M4 X 16	4
44	BOU1076	SOCKET CAP SCREW M8 X 30	2
41	BOU1050	SOCKET SET SCREW M6 X 10	4
36	BOU6010	BUTTON SOCKET CAP SCREW M5 X 8	3
35	BOU7010	HEX HEAD SCREW M6 X 12	4
34	LAB1099	COLLAR FOR BOOT	1
32	28216	TELESCOPIC BOOT	1
26	CAP40146	TOL-O-MATIC	1
23	LAB447	RIGHT ANGLE RA-90 RIGHT 90-5/8 DIA	1
16	CON1229	SPROCKET 16T X 5/8 BORE	1
8	LAB432A	TOL-O-MATIC COVER	1
7	LAB431	TOL-O-MATIC	1
5	LAB429A	TOL-O-MATIC SHAFT	1
4	LAB428A	VERTICAL DRIVE SHAFT	1
3	LAB427	COUPLING DRIVE & RIGHT ANGLE	1
2	LAB1098A	DRIVE SHAFT PROTECTING TUBING	1

SPECIFICATIONS

TOLERANCES

ANGLE: ± 0.5°
 FRACTION: ± 1/32"
 DECIMALES: .XX ± .01
 DECIMALES: .XXX ± .002



HERMA
 18871 BLV HYMUS
 KIRKLAND, QUEBEC
 CANADA H9H 3L4
 TEL: (514) 694-3436
 FAX: (514) 694-4107
 EMAIL: info@dl-tech.net

TITLE: LABELER TRANSMISSION SYSTEM 2/3

CHECKED BY:

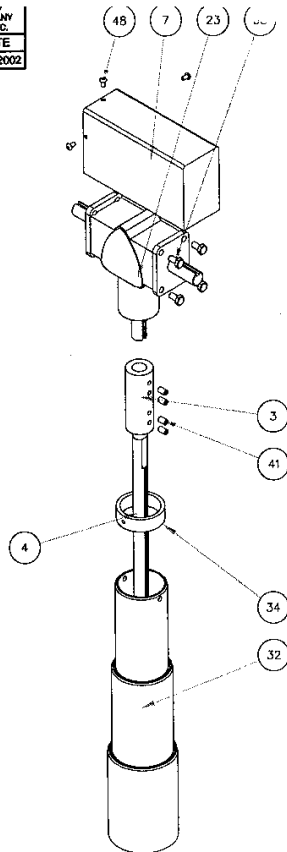
DRAWN BY: G.R.

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VER	INIT	MODIFICATION	DATE
1	K.M.	TELESCOPIC BOOT #28216 WAS LAB1012	03/10/2002

MASTER, JELEK



Item	PART No.	Description	Qty.
3	LAB427	COUPLING DRIVE & RIGHT ANGLE	1
4	LAB428A	VERTICAL DRIVE SHAFT	1
7	LAB431	RIGHT ANGLE COVER	1
23	LAB447	RIGHT ANGLE RA--90 RIGHT 90--5/8 DIA	1
32	28216	TELESCOPIC BOOT	1
34	LAB1099	COLLAR FOR BOOT	1
35	BOU7010	HEX HEAD SCREW M6 X 12	4
41	BOU1050	SOCKET SET SCREW M6 X 10	4
48	BOU1011	SOCKET CAP SCREW M4 X 8	3

SPECIFICATIONS

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: XX	± .01
DECIMALES: XXX	± .002



HERMA
16871 BLY HYNUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 894-3438
FAX: (514) 894-4107
EMAIL: info@dl-tech.net

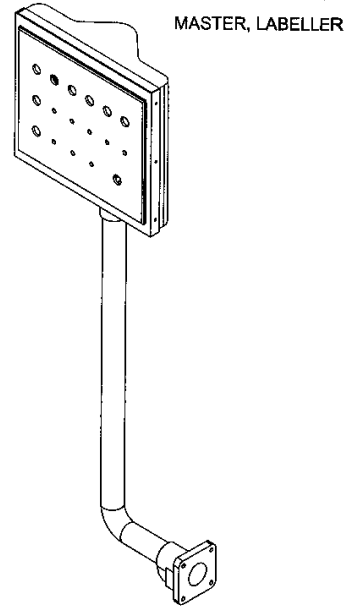
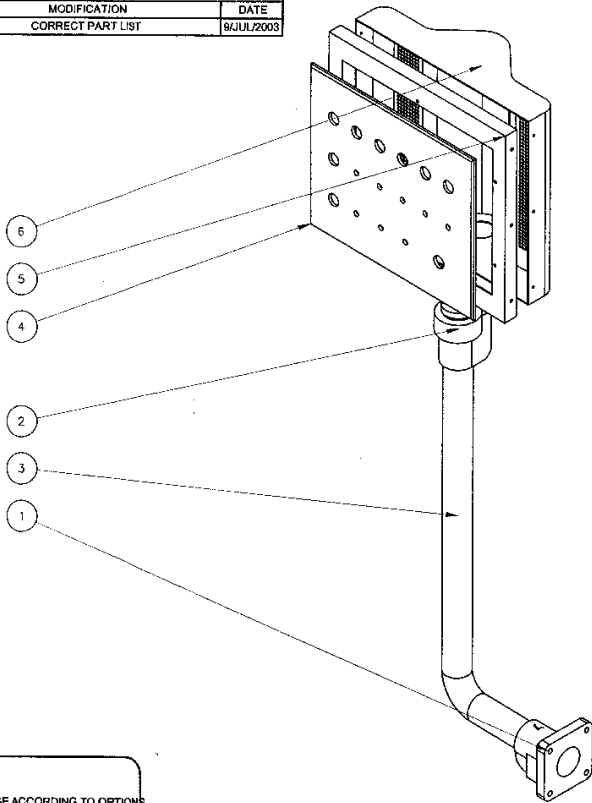
TITLE: LABELER TRANSMISSION SYSTEM 3/3

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DRAWN BY: G.R. DRAWING INFORMATION

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VER	INIT	MODIFICATION	DATE
PD		CORRECT PART LIST	9/JUL/2003



REVISIONS
ITEM #4 WILL CHANGE ACCORDING TO OPTIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.

Item	Part No.	Description	Qty.
1	97312		1
2	97313	PIVOT FOR CONTROL PANEL	1
3	721084M1		1
4	LAB1374A	MAY CHANGE ACCORDING TO OPTIONS	1
5	LAB1343A		1
6	28215		1

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± 0.01
DECIMALES: .XXX	± 0.002



HERMA 16871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
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FAX: (514) 694-4107
EMAIL: info@dl-tech.net

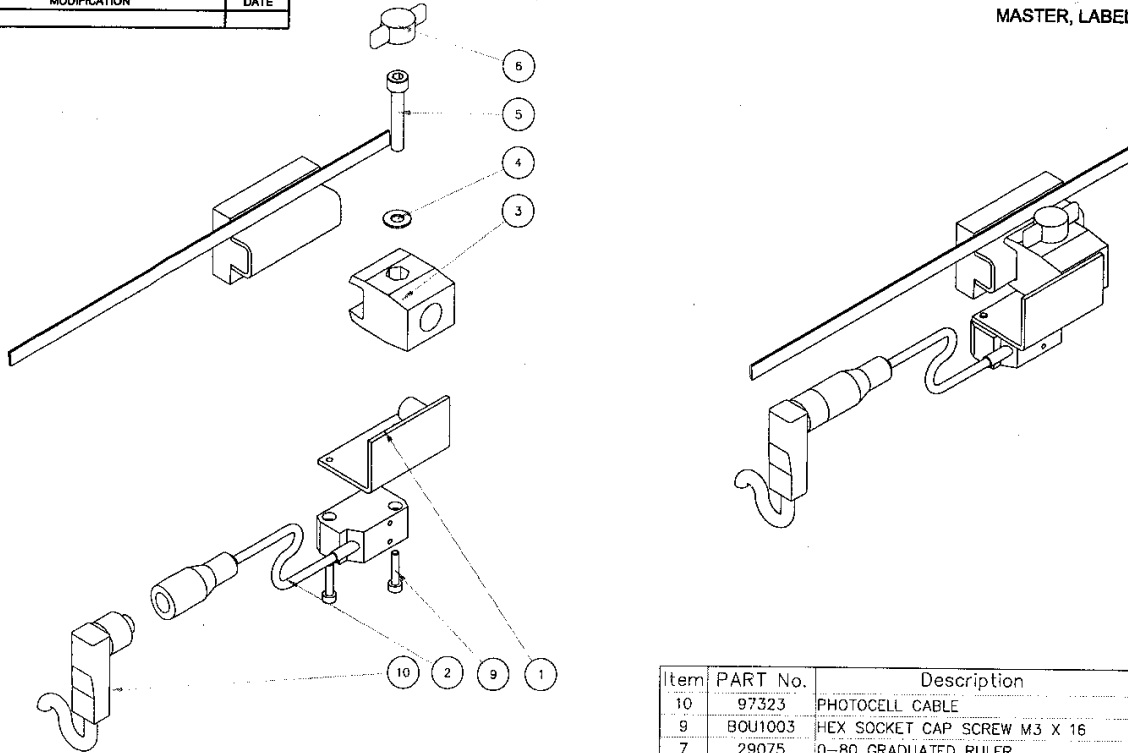
TITLE: LABELLER
NEW CONTROL PANEL & L SHAPE POST
DRAWN BY: PD
DRAWING INFORMATION: PD Z:\Master\Aulab000\ASLAB189.dwg JUL 9, 2003

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#	INIT	MODIFICATION	DATE

MASTER, LABELLER



MODIFICATIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

Item	PART No.	Description	Qty.
10	97323	PHOTOCELL CABLE	1
9	BOU1003	HEX SOCKET CAP SCREW M3 X 16	2
7	29075	0-80 GRADUATED RULER	0
6	27050	THUMSCREW KNOB M5	1
5	BOU1031	HEX SOCKET CAP SCREW M5 X 30	1
4	BOU5021	FLAT WASHER #10	1
3	611639	GUIDE HANDLER	1
2	35083	PHOTOCELL BANNER	1
1	LAB1529	PHOTOCELL SUPPORT BRACKET	1

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± .01
DECIMALES: .XXX	± .002

HERMA
D.L. TECH
18871 BLV HYARIS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 894-3439
FAX: (514) 894-4107
EMAIL: info@dl-tech.net

TITLE: LABELLER
ECONOMIC SENSOR SUPPORT

DRAWN BY:
G.R.

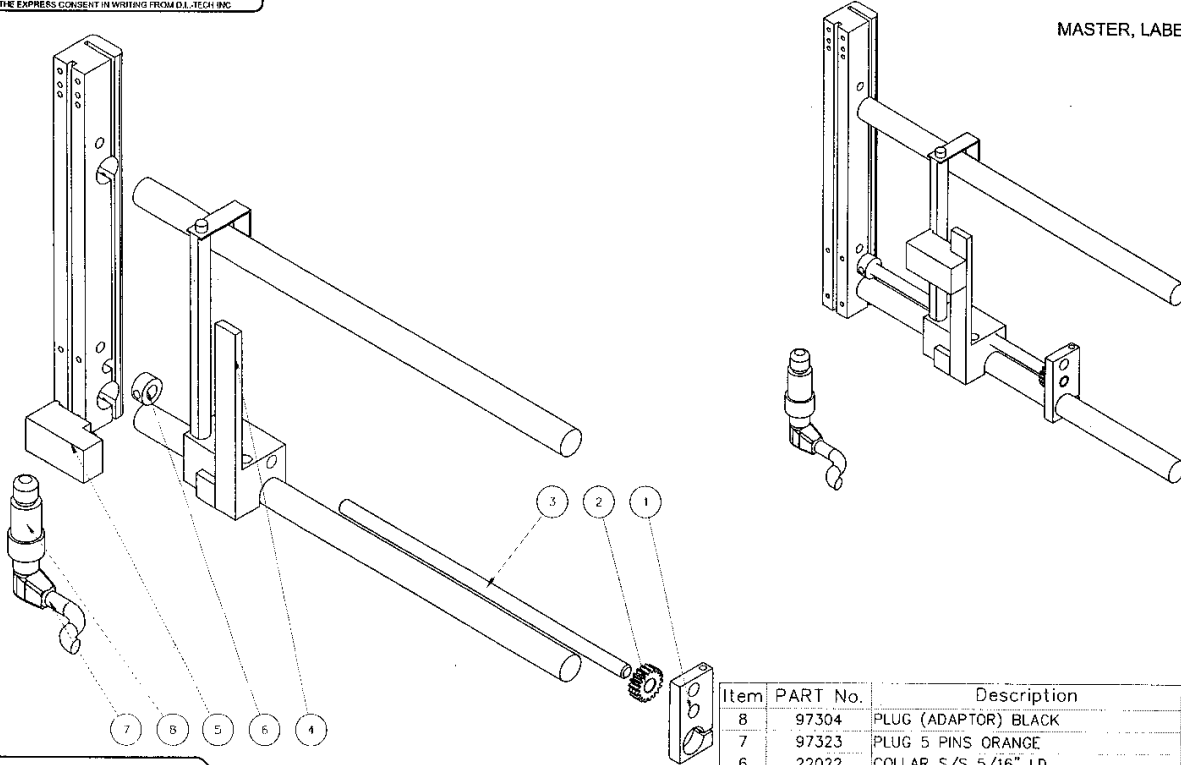
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MASTER, LABELER



SPECIFICATIONS

SCALE: 1:1
 MATERIAL: ALUMINUM
 #646781 CAN BE REPLACED BY #28084
 #646515 CAN BE REPLACED BY #646515S

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
 BREAK ALL SHARP EDGES

Item	PART No.	Description	Qty
8	97304	PLUG (ADAPTOR) BLACK	1
7	97323	PLUG 5 PINS ORANGE	1
6	22022	COLLAR 5/8 5/16" I.D.	1
5	680290	LABEL SENSOR FS-01	1
4	646636	LEFT SUPPORT FS-01	1
3	616326	THREADED ROD 8MM	1
* 2	646515	GEAR 18 TEETH	1
* 1	646781	BLOC FOR ADJUSTMENT ROD	1

TOLERANCES

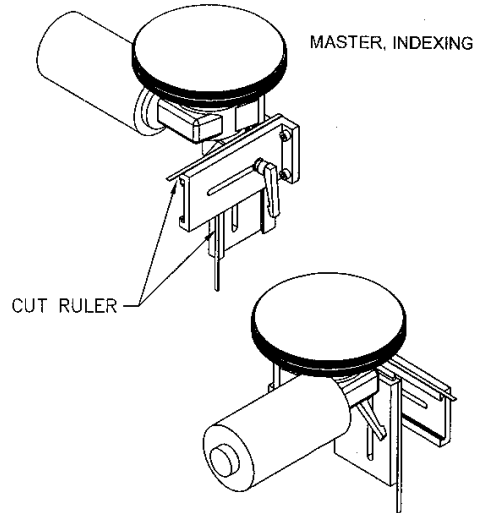
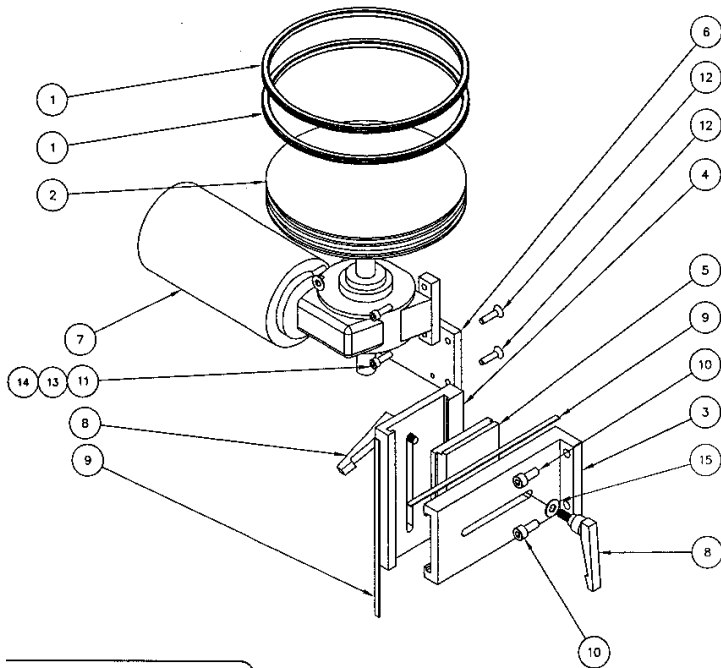
ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALS: XX	± .01
DECIMALS: XXX	± .002



16871 BLV HYMUS
 KIRKLAND, QUEBEC
 CANADA H3H 3L4
 TEL: (514) 694-5439
 FAX: (514) 694-4107
 EMAIL: info@dl-tech.net

TITLE:	LABELER LABEL SENSOR FS01(NEW) LEFT SUPPORT	CHECKED BY:
DRAWN BY:	KLEN M.	DRAWING INFORMATION:
K:\M - Z\Master\Asigs\033\AGI\AB197.dwg, 28 MAR 2003 Z:\bacew\Asigs\033\AGI\AB197.dwg, 04252003 08:07:11 AM		

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EV#	INIT	MODIFICATION	DATE
1	PD	REV ON PARTS #3,4 & 5	26JUL2003
2	LL	ADDED ITEM 15	15JUN2004



Item	PART No.	Description	Qty.
1	29035	QUAD RING Q4-443 (7.5 X 8 X .275)	2
2	LAB1513	SEPARATION WHEEL DOUBLE QUAD Ø8	1
3	LAB1548	BLOC FOR IN/OUT ADJUSTMENT	1
4	LAB1549	BLOC FOR UP/DOWN ADJUSTMENT	1
5	LAB1550	CENTRAL BLOC FOR INDEX ADJUST.	1
6	LAB1551	MOTOR SUPPORT PLATE FOR INDEXING	1
7	32020	GEARMOTOR 1/4HP 180VDC 68RPM	1
8	93130	ORANGE HANDLE M8 X 30	2
9	29075	RULER 0-80	2
10	BOU1074	SOCKET CAP SCREW M8 X 20	2
11	BOU1053	SOCKET CAP SCREW M6 X 20	4
12	BOU2042	FLAT SOCKET CAP M6 X 25	2
13	BOU5050	LOCK WASHER 1/4	4
14	BOU5000	FLAT WASHER 1/4	4
15	BOU5001	FLAT WASHER 5/16	2

SPECIFICATIONS
QTY.:

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES

ANGLE: ± 0.5°
FRACTION: ± 1/32"
DECIMALES: XX ± 0.1
DECIMALES: XXX ± 0.02



HERMA
16871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 894 3439
FAX: (514) 894 4107
EMAIL: info@dl-tech.net

TITLE: INDEXING
INDEXING WHEEL 220V W/QUAD RING (ADJUST)

DRAWN BY: PD

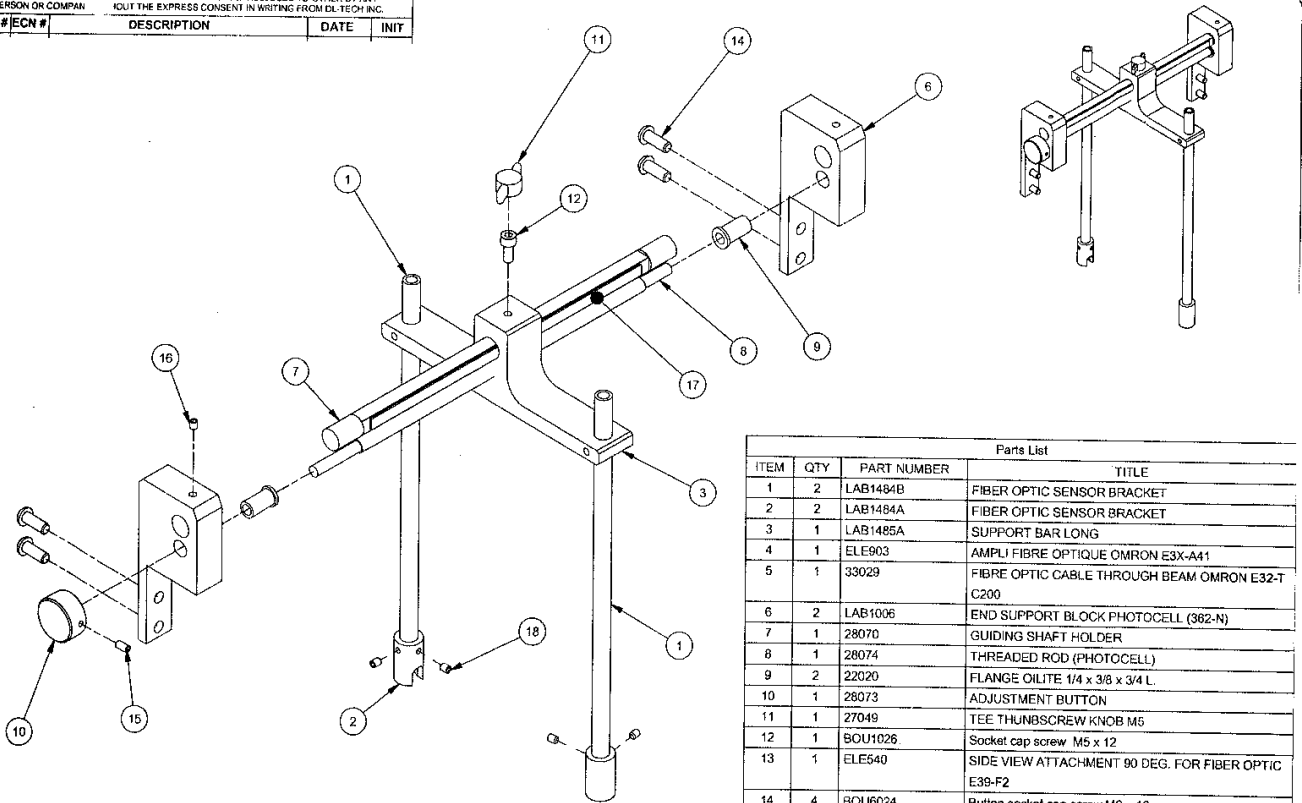
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EV #	ECN #	DESCRIPTION	DATE	INIT

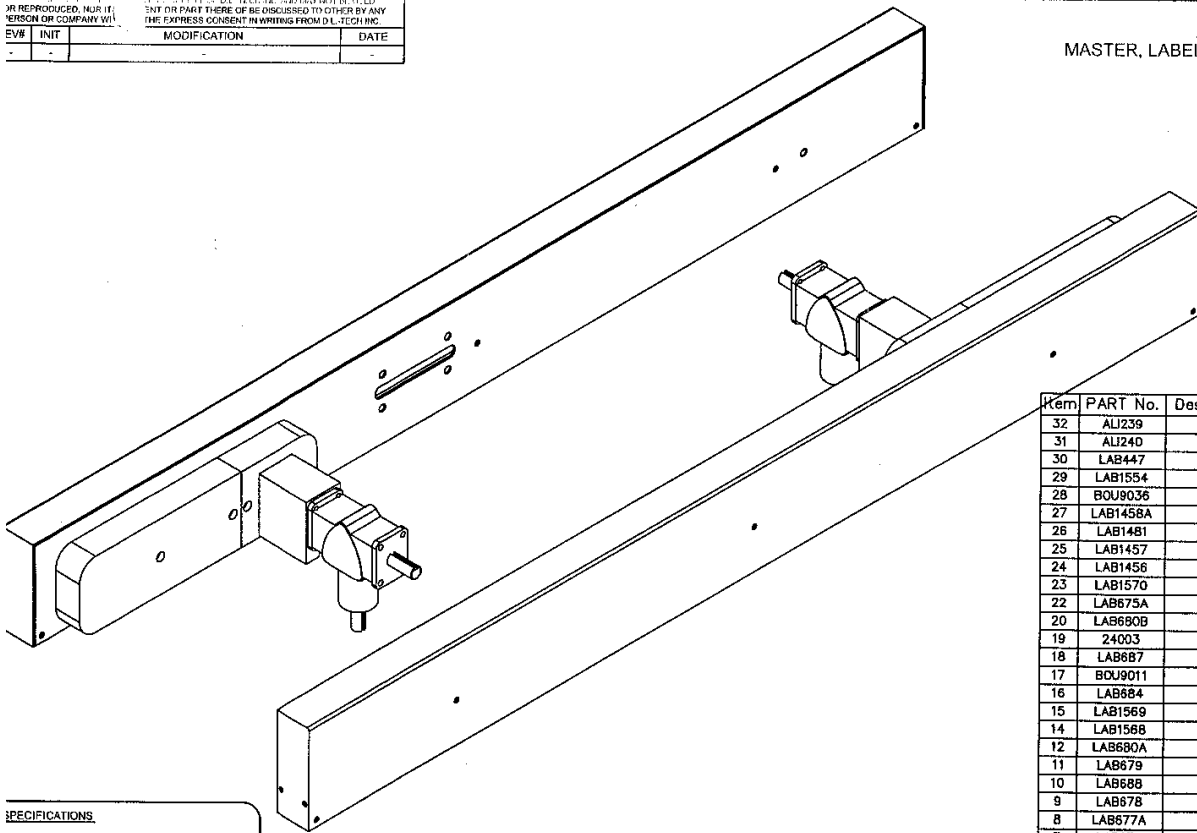


Parts List			
ITEM	QTY	PART NUMBER	TITLE
1	2	LAB1484B	FIBER OPTIC SENSOR BRACKET
2	2	LAB1484A	FIBER OPTIC SENSOR BRACKET
3	1	LAB1485A	SUPPORT BAR LONG
4	1	ELE903	AMPLI FIBRE OPTIQUE OMRON E3X-A41
5	1	33029	FIBRE OPTIC CABLE THROUGH BEAM OMRON E32-T C200
6	2	LAB1006	END SUPPORT BLOCK PHOTOCELL (362-N)
7	1	28070	GUIDING SHAFT HOLDER
8	1	28074	THREADED ROD (PHOTOCELL)
9	2	22020	FLANGE OILITE 1/4 x 3/8 x 3/4 L.
10	1	28073	ADJUSTMENT BUTTON
11	1	27049	TEE THUNBSCREW KNOB M6
12	1	BOU1026	Socket cap screw M5 x 12
13	1	ELE540	SIDE VIEW ATTACHMENT 90 DEG. FOR FIBER OPTIC E39-F2
14	4	BOU6024	Button socket cap screw M6 x 16
15	1	BOU3012	SOCKET SET SCREW M4 x 8
16	4	BOU3020	Socket set screw M5 x 5
17	1	28075	GRATUATED RULER INDICATOR PLATE 0-80
18	4	BOU3010	Socket set screw M4 x 5

DRAWN BY: Lucie L	DATE: 9/9/2003	CHECKED BY:	MATERIAL: SEE PART LIST		MACHINE: DL362C	SHEET: 1 OF 1
DECIMALS / DECIMAUX: .xx ± .01 DECIMALS / DECIMAUX: .xxx ± .002 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES			MAT'L TREATMENT: NONE		MAT'L #: NONE	TITLE: PRODUCT SENSOR ASSY
			16871 BLVD HYMUS KIRKLAND, QUEBEC CANADA H9J 3Z4 TEL: (514) 694-3439 FAX: (514) 694-4107 EMAIL: info@dl-tech.net		DWG NO: Z:\Master\Aslab000\ASLAB571.iam	

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EV#	INIT	MODIFICATION	DATE
-	-	-	-

MASTER, LABELLER 362-N



Item	PART No.	Description	Qty.
32	AL239		1
31	AL240		2
30	LAB447		1
29	LAB1554		1
28	BOU9036		1
27	LAB1458A		1
26	LAB1481		1
25	LAB1457		1
24	LAB1456		1
23	LAB1570		1
22	LAB675A		1
20	LAB680B		1
19	24003		2
18	LAB887		1
17	BOU9011		2
16	LAB884		2
15	LAB1569		1
14	LAB1568		1
12	LAB680A		1
11	LAB679		1
10	LAB688		3
9	LAB678		1
8	LAB677A		1
7	LAB676		1
5	LAB674		1
4	LAB673		1
3	LAB1567		2
2	LAB1566		1
1	LAB1565		1

SPECIFICATIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES

ANGLE: ± 0.5°
FRACTION: ± 1/32"
DECIMALES: .XX ± .01
DECIMALES: .XXX ± .002

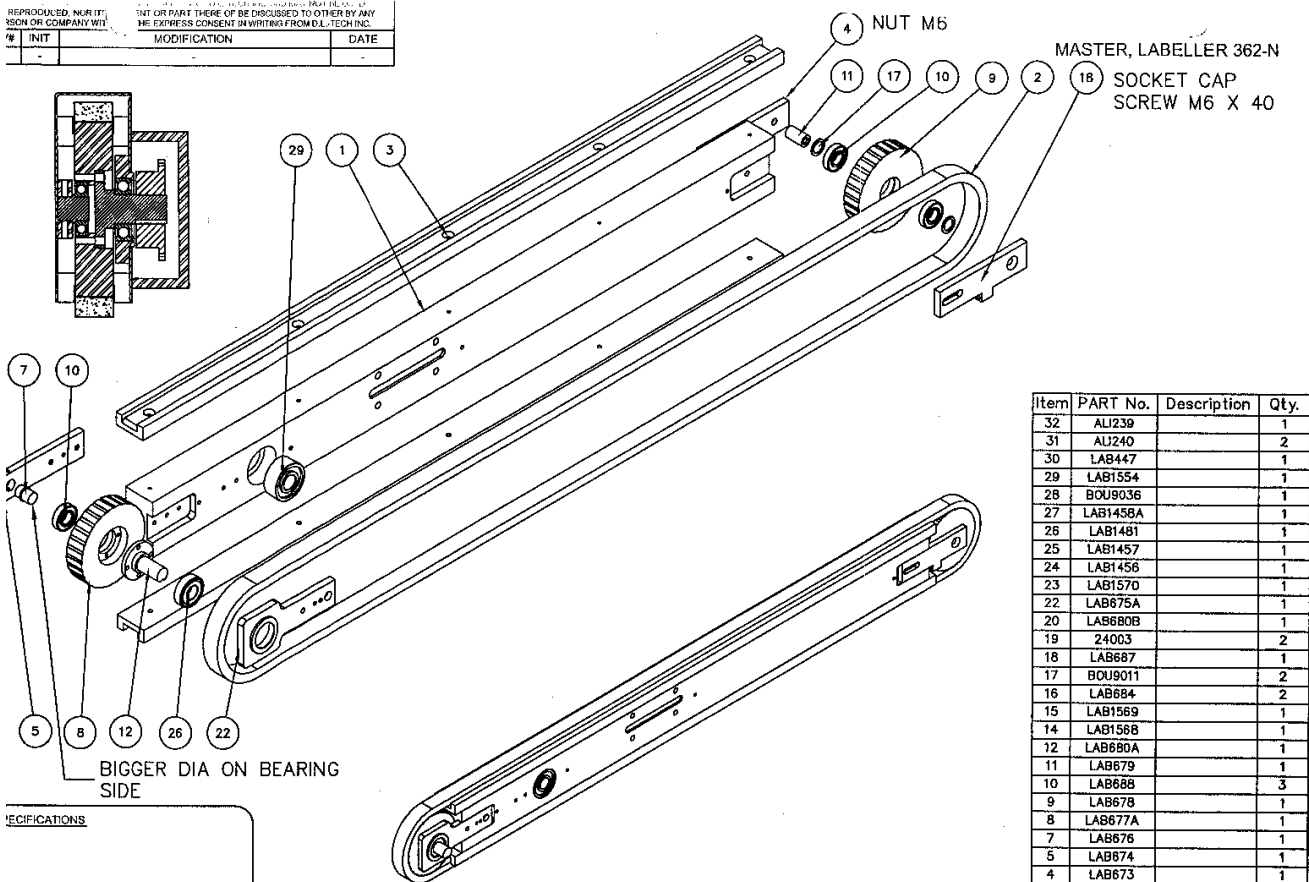


16971 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 894-2439
FAX: (514) 894-4107
EMAIL: info@dl-tech.net

TITLE: LABELLER 362--N
OVERHEAD ASSY 55 1/2" C@C (PAGE 1/3)
DRAWN BY: LL
DRAWING INFORMATIONS
Z:\Master\Aslab000\ASLAB439.dwg 01/07/2004

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#	INIT	MODIFICATION	DATE



Item	PART No.	Description	Qty.
32	ALJ239		1
31	ALJ240		2
30	LAB447		1
29	LAB1554		1
28	BOU9036		1
27	LAB1458A		1
26	LAB1481		1
25	LAB1457		1
24	LAB1456		1
23	LAB1570		1
22	LAB675A		1
20	LAB680B		1
19	24003		2
18	LAB687		1
17	BOU9011		2
16	LAB684		2
15	LAB1569		1
14	LAB1566		1
12	LAB680A		1
11	LAB679		1
10	LAB688		3
9	LAB678		1
8	LAB677A		1
7	LAB676		1
5	LAB674		1
4	LAB673		1
3	LAB1567		2
2	LAB1566		1
1	LAB1565		1

REVISIONS

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BREAK ALL SHARP EDGES

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: XX	± .01
DECIMALES: .XXX	± .002

D.L. TECH

18871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4107
EMAIL: krlc@dl-tech.net

TITLE: LABELLER 362-N
OVERHEAD ASSY 55 1/2" C@C (PAGE 2/3)

DRAWN BY: LL

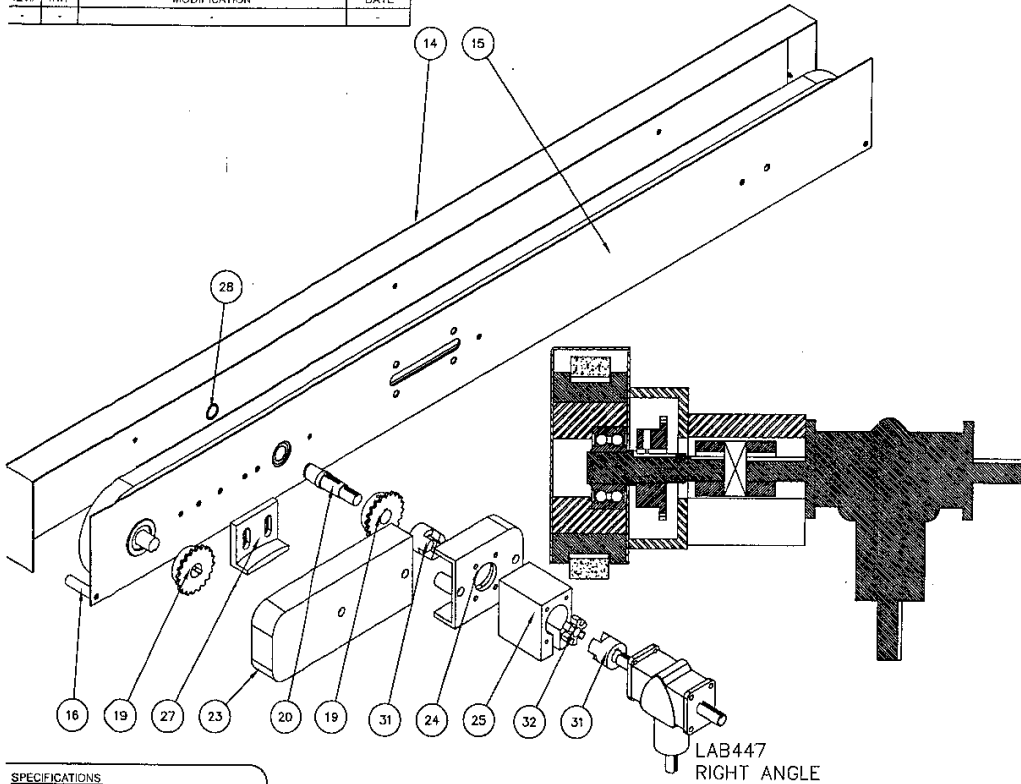
DRAWING INFORMATION:
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REV#	INIT	MODIFICATION	DATE

MASTER, LABELLER 362-N



Item	PART No.	Description	Qty.
32	AL1239		1
31	AL1240		2
30	LAB447		1
29	LAB1554		1
28	BOU9036		1
27	LAB1456A		1
26	LAB1481		1
25	LAB1457		1
24	LAB1456		1
23	LAB1570		1
22	LAB675A		1
20	LAB680B		1
19	24003		2
18	LAB687		1
17	BOU9011		2
16	LAB684		2
15	LAB1569		1
14	LAB1568		1
12	LAB680A		1
11	LAB679		1
10	LAB688		3
9	LAB678		1
8	LAB677A		1
7	LAB676		1
5	LAB674		1
4	LAB673		1
3	LAB1567		2
2	LAB1566		1
1	LAB1565		1

SPECIFICATIONS

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES

ANGLE: ± 0.5°
FRACTION: ± 1/32"
DECIMALES: .XX ± .01
DECIMALES: .XXX ± .002

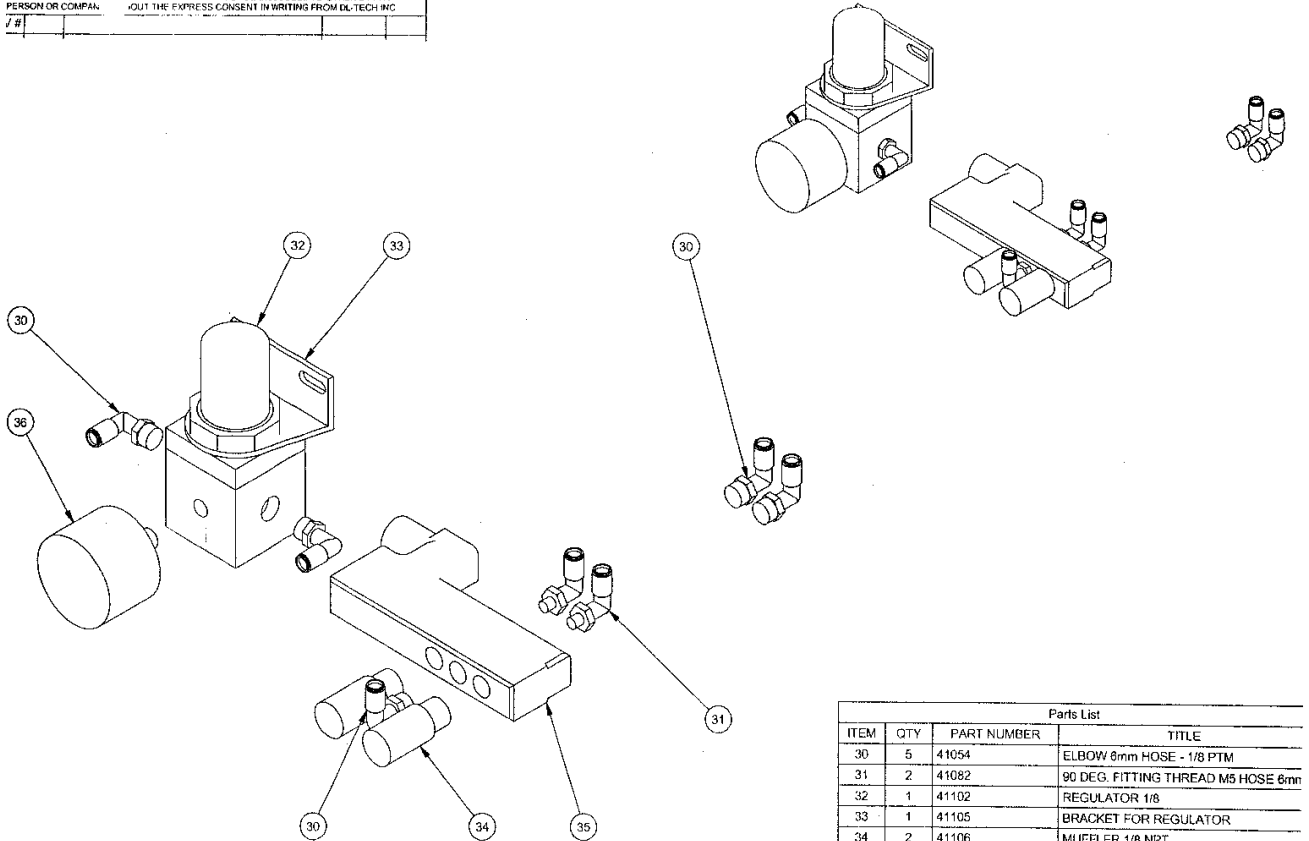


HERBIA 16871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4107
EMAIL: info@dltech.net


TITLE: LABELLER 362-N
OVERHEAD ASSY 55 1/2" C/C (PAGE 3/3)
DRAWN BY: LL
DRAWING INFORMATIONS
Z:\Master\Aslab000\ASLAB439.dwg 01/07/2004

CHECKED BY:

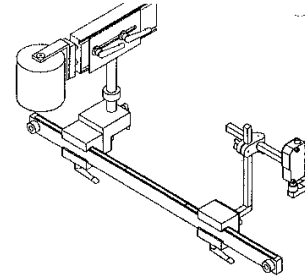
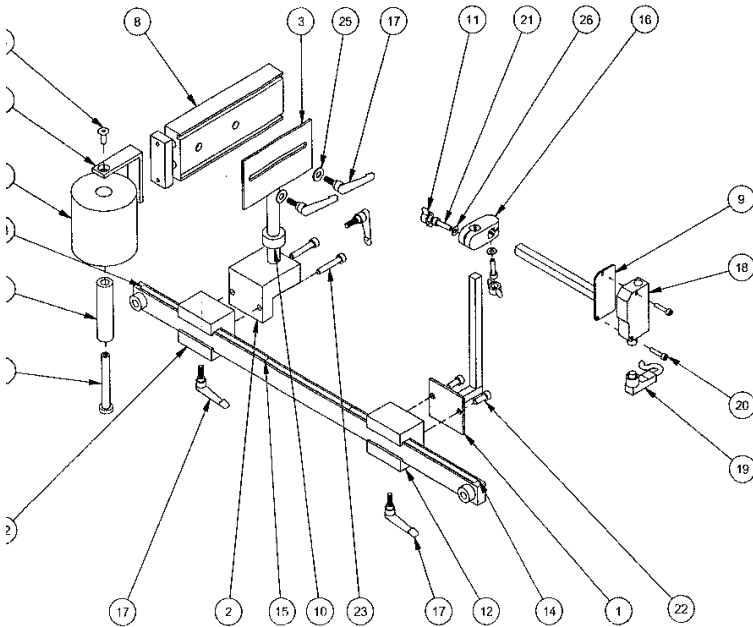
REPRODUCED, NOR IN WHOLE OR IN PART, WITHOUT THE EXPRESS CONSENT IN WRITING FROM DLTECH INC.



Parts List			
ITEM	QTY	PART NUMBER	TITLE
30	5	41054	ELBOW 6mm HOSE - 1/8 PTM
31	2	41082	90 DEG. FITTING THREAD M5 HOSE 6mm
32	1	41102	REGULATOR 1/8
33	1	41105	BRACKET FOR REGULATOR
34	2	41106	MUFFLER 1/8 NPT
35	1	41113	VALVE 5 WAY 24VDC 1/8 NPT
36	1	41122	GAUGE FOR REGULATOR

DRAWN BY: LUCIE L	DATE: 1/28/2004	CHECKED BY:	MATERIAL:	QTY / MACHINE:	 16871 BLVD HYMUS KIRKLAND, QUEBEC CANADA H9H 3L4 TEL: (514) 694-3439 FAX: (514) 694-4107 EMAIL: info@dl-tech.net	MACHINE: LABELLER	SHEET: 1 OF 1
DECIMALS / DECIMALS: xx ± .01 DECIMALS / DECIMALS: xxx ± .002 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES		MAT'L TREATMENT:	MAT'L #:	TITLE: PNEUMATIC COMPONENTS FOR REAR APPLICATOR		DWG NO: Z:\Master\asleb000\ASLAB399-1.iam	REV: 0

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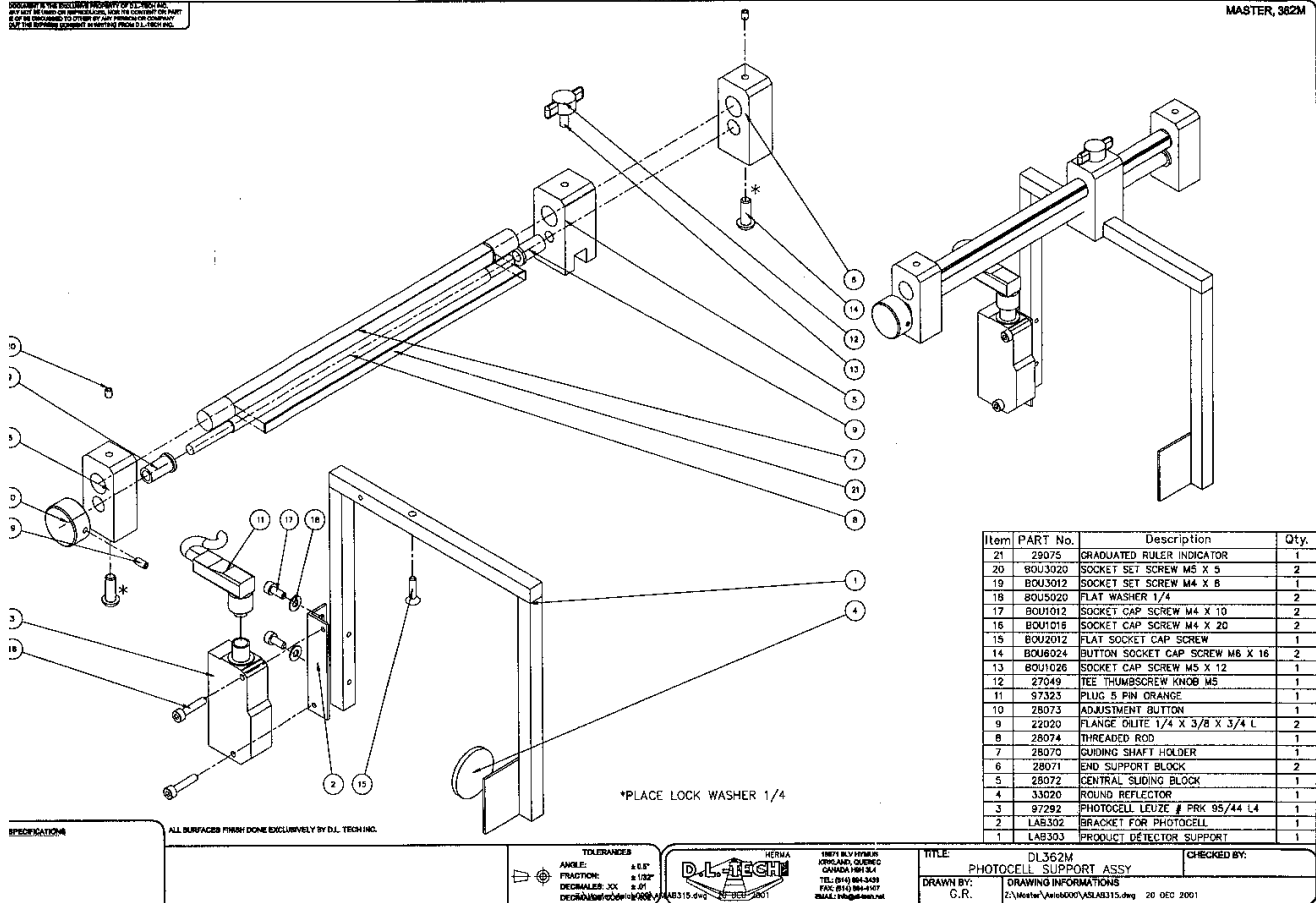


Parts List			
ITEM	QTY	PART NUMBER	TITLE
1	1	LAB105	SUPPORT FOR FIXED WIPER
2	1	LAB123	SUPPORT FOR CYLINDER & PHOTOCCELL
3	1	LAB191	CYLINDER SUPPORT PLATE
4	1	LAB192	FOAM ROLLER 3" OD
5	1	LAB193	SHORT CENTRAL BLOCK FOR ROLLER
6	1	LAB194	SHORT ROLLER CENTRAL ROD
7	1	LAB195	ROLLER SUPPORT BLOCK
8	1	PAP206	CYLINDER CXSM20-100
9	1	LAB317A	SUPPORT PHOTOCCELL LEUZE (RIGHT) SQUARE
10	1	22025	COLLAR S/S 5/8" ID
11	2	27049	TEE THUMBSCREW KNOB M5
12	2	28064	BLOCK SLIDE FOR WIPER
13	1	29083	GRADUATED RULE INDICATOR PLATE 80-160
14	1	29083A	GRADUATED RULE INDICATOR PLATE 160-240
15	1	29075	GRADUATED RULE INDICATOR PLATE 0-80
16	1	611638	CROSS BLOCK HERMA
17	5	93122	HANDLE M6 x 15 A2 ORANGE
18	1	97291	LIGHT SCANNER W/BACKGROUND 95/44-150L
19	1	97323	
20	2	BOU1016	SOCKET CAP SCREW M4 x 20
21	2	BOU1029	SOCKET CAP SCREW M5 X 20
22	2	BOU1052	M6 X 16 Soc cap. screw
23	2	BOU1056	SOCKET CAP SCREW M6 x 35mm
24	1	BOU2040	FLAT SOCKET CAP SCREW M6 x 20
25	2	BOU5000	FLAT WASHER (.625 x .281 x .040)
26	2	BOU5021	FLAT WASHER #10

DRAWN BY: LUCIE L	DATE: 2/9/2004	CHECKED BY:	MATERIAL:	QTY / MACHINE:		MACHINE: LABELLER	SHEET: 1 OF 1
DECIMALS / DECIMAUX: xx ±.01 DECIMALS / DECIMAUX: xxx ±.007 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES		MAT'L TREATMENT:	MAT'L #:	16871 BLVD HYMUS KIRKLAND, QUEBEC CANADA H9J 3L4 TEL: (514) 694-3439 FAX: (514) 694-4107 EMAIL: info@dl-tech.net		TITLE: REAR APPLICATOR ASS'Y, DL362C, C/W SENSOR LEUZE DWG NO: Z:\Master\Aslab000\ASLAB399.iam	REV: 0

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MASTER, 382M



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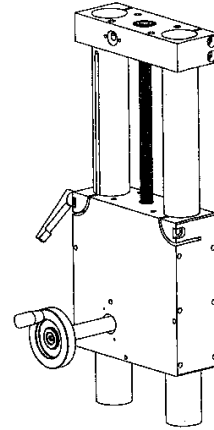
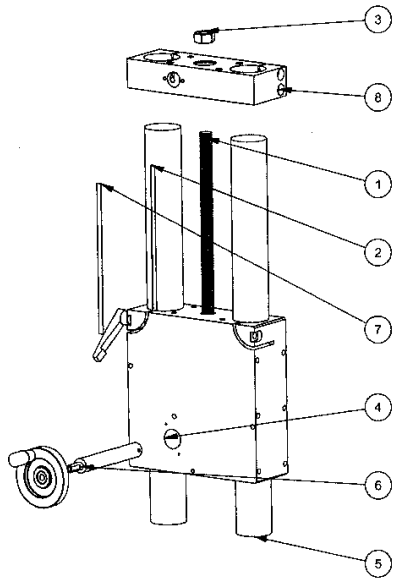
TOLERANCES
 ANGLE: ± 0.5°
 FRACTION: ± 1/32"
 DECIMALS: ± 0.01
 DECIMALS/100: ± 0.001




VERBA
 1871 BLVD WYND
 KINGSTON, ONTARIO
 CANADA K7L 5L4
 TEL: (613) 884-3408
 FAX: (613) 884-4107
 EMAIL: info@dltech.com

TITLE: DL362M
 PHOTOCELL SUPPORT ASSY
 DRAWN BY: DRAWING INFORMATION
 C.R.
 CHECKED BY:
 Z:\Master\Verba\K009\ASLAB315.dwg 20 DEC 2001

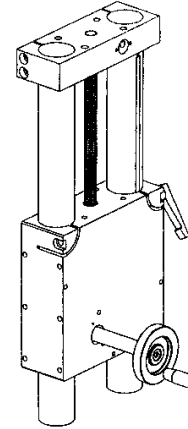
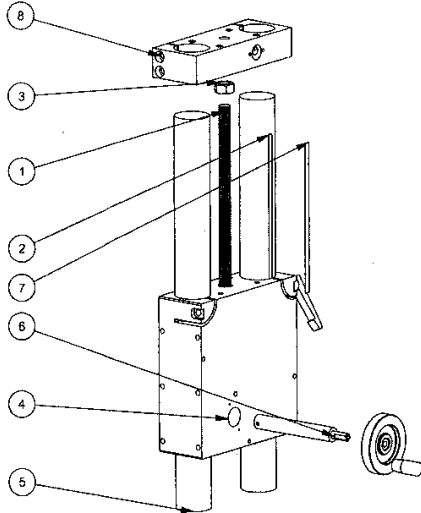
PERSON OR COMPANY		DATE		INIT
V#	ECN #	DESCRIPTION	DATE	INIT




Parts List			
IT	QT	PART NUM	TITLE
1	1	LAB160A	shaft 16MM X 19" ADJUSTMENT UP/DOWN
2	1	623471M1	COLUMN 48MM ST ST X 530MM MOD
3	1	BOU4010	FINISH HEX NUT M16
4	1	623429	GUIDE BLOCK
5	1	623471	COLUMN 48MM ST ST X 530MM
6	1	lab1178	EXTENSION SHAFT SPECIAL 362-C
7	1	29075	GRADUATED RULER, 0-60
8	1	623432M9	HEAD PLATE FOR PEDESTAL (MOD 9)

DRAWN BY: MING	DATE: 4/11/2005	CHECKED BY:	MATERIAL:	QTY / MACHINE:	 16871 BLVD HYMUS KIRKLAND, QUEBEC CANADA H9H 3L4 TEL: (514) 694-3439 FAX: (514) 694-4107 EMAIL: info@dl-tech.net	MACHINE: LABELLER 362C	SHEET: 1 OF 1
DECIMALS / DECIMAUX: .xx ±.01 DECIMALS / DECIMAUX: .xxx ±.002 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES		MAT'L TREATMENT:	MAT'L #:	TITLE: SUPPORT ASS'Y, APPLICATION U/DOWN LH		DWG NO: Z:\Master\Labeller\LAB100\ASLAB163.iam	REV:

PERSON OR COMPANY		DATE		INIT	
# ECN #	DESCRIPTION	DATE	INIT		

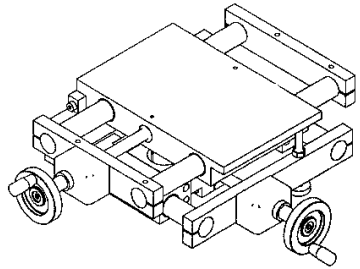
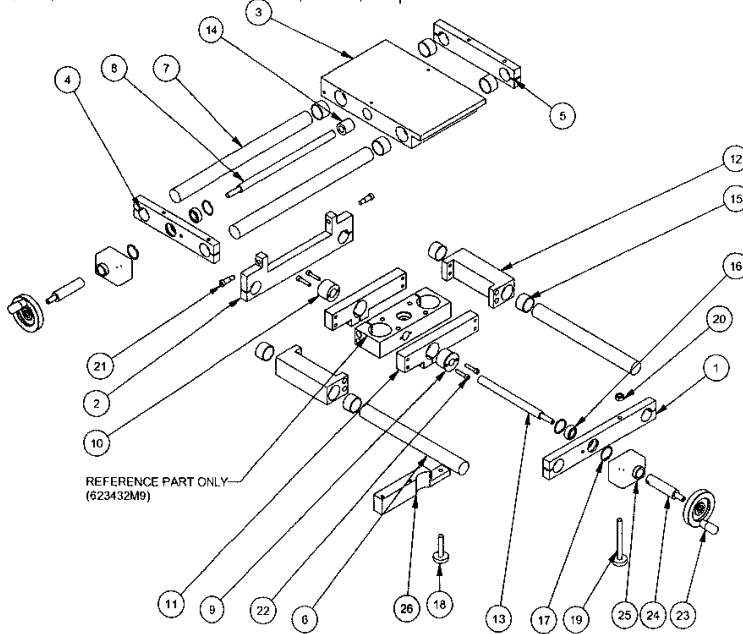


Parts List			
ITEM	QTY	PART NUMBER	TITLE
1	1	LAB160A	SHAFT 16MMX19 ADJUSTMENT UP/DOWN
2	1	623471M1	COLUMN 48MM ST STX530MM MOD
3	1	BOU4010	FINISH HEX NUT M16
4	1	623429	GUIDE BLOCK
5	1	623471	COLUMN 48MM ST STX530MM
6	1	lab1178	EXTENSION SHAFT SPECIAL 362-C
7	1	29075	GRADUATED RULER, 0-80
8	1	623432M9	HEAD PLATE FOR PEDESTAL (MOD 9)

RAWN BY: MING	DATE: 4/11/2005	CHECKED BY:	MATERIAL:	QTY / MACHINE:	 16871 BLVD HYMUS KIRKLAND, QUEBEC CANADA H9H 3L4 TEL: (514) 694-3439 FAX: (514) 694-4107 EMAIL: info@dl-tech.net	MACHINE: LABELLER 362C	SHEET: 1 OF 1
DECIMALS / DECIMAUX: .xx ±.01 DECIMALS / DECIMAUX: .xxx ±.002 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES	MAT'L TREATMENT:	MAT'L #:	TITLE: SUPPORT ASS'Y, APPLICATION U/DOWN RH	DWG NO: Z:\Master\Labeller\LAB100\ASLAB163-RH.iam		REV:	

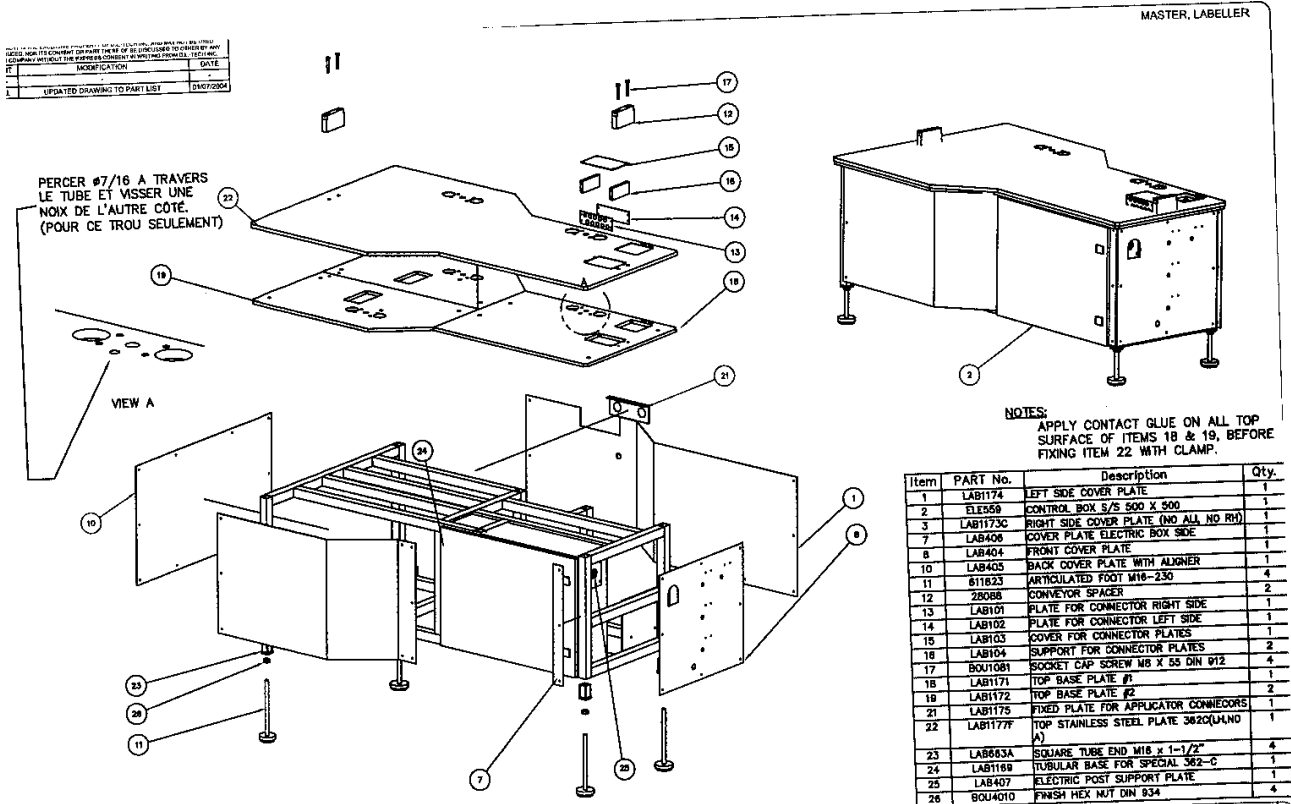
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V# / ECN #	DESCRIPTION	DATE	INIT
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Parts List			
ITEM	QTY	PART NUMBER	TITLE
1	1	LAB1775	END BLOCK FOR BOTTOM ADJUST.
2	1	LAB1776	PIVOT SUPPORT BAR
3	1	LAB1777	PIVOT PLATE
4	1	LAB1780	END BLOCK FOR PIVOTING PLATE
5	1	LAB1781	END BLOCK FOR PIVOT
6	2	LAB1782	SHAFT 30mm x 11 1/2" LG
7	2	LAB1783	SHAFT 30mm x 15 5/8" LG
8	1	LAB1784	M16 THREADED SHAFT
9	1	LAB1848	THREADED PIVOT SUPPORT
10	1	LAB1849	PIVOT SUPPORT
11	2	LAB1850	PIVOT BLOCK
12	2	LAB1851	SHAFT ADAPTOR BLOCK
13	1	28090	SHAFT FOR ADJUSTMENT IN/OUT
14	1	623355DL-2	M16 THREADED BUSHING
15	8	22103	SLEEVE BEARING 30mm id x 34mm od x 20mm lg
16	2	21005	ROLLER BEARING 10mm x 30mm od x 9mm THK
17	4	BOU9019	INTERNAL C-CLIP 30mm OD x 1.20 THK
18	1	LAB065	ANGLE ADJ. HANDLE 2"
19	1	LAB065A	ANGLE ADJ. HANDLE 3 7/8
20	1	BOU4006	M10 HEX NUT
21	2	BOU8042	Socket shoulder screw 3/8 x 5/8 L ST.ST.
22	4	BOU1055	SOCKET CAP SCREW M6 x 30
23	2	623395	HANDLE WHEEL FOR PEDESTAL
24	2	623396	EXTENSION SHAFT FOR COUNTER
25	2	635227	SIKO DIAL COUNTER DA09-02-2-2, 0-1-N-0
26	1	LAB1853A	SUPPORT FOR ANGLE ADJUSTEMENT (LH)

DRAWN BY: LUCIE L	DATE: 6/29/2004	CHECKED BY:	MATERIAL:	QTY / MACHINE:		MACHINE: LABELLER (LH)	SHEET: 1 OF 1	
DECIMALS / DECIMAUX: .xx ± 0.1 DECIMALS / DECIMAUX: .xxx ± 0.02 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES		MATL TREATMENT:	MATL #:	18871 BLVD HYMUS KIRKLAND, QUEBEC CANADA H9H 3L4		TEL: (514) 694-3439 FAX: (514) 694-4107 EMAIL: info@dl-tech.net	TITLE: LONG-IN-OUT & ANGLE ADJUSTMENT LH, DL362C	DWG NO: Z:\Master\Labeler\LAB500\ASLAB590LH.iam



NOTES:
APPLY CONTACT GLUE ON ALL TOP SURFACE OF ITEMS 18 & 19, BEFORE FIXING ITEM 22 WITH CLAMP.

Item	PART No.	Description	Qty.
1	LAB1174	LEFT SIDE COVER PLATE	1
2	ELE559	CONTROL BOX S/S 500 X 500	1
3	LAB1173C	RIGHT SIDE COVER PLATE (NO ALL NO ROD)	1
7	LAB406	COVER PLATE, ELECTRIC BOX SIDE	1
8	LAB404	FRONT COVER PLATE	1
10	LAB405	BACK COVER PLATE WITH ALIGNER	1
11	811823	ARTICULATED FOOT M16-230	4
12	28068	CONVEYOR SPACER	2
13	LAB101	PLATE FOR CONNECTOR RIGHT SIDE	1
14	LAB102	PLATE FOR CONNECTOR LEFT SIDE	1
15	LAB103	COVER FOR CONNECTOR PLATES	1
18	LAB104	SUPPORT FOR CONNECTOR PLATES	2
17	BOU1081	SOCKET CAP SCREW M8 X 55 DIN 912	4
18	LAB1171	TOP BASE PLATE #1	1
19	LAB1172	TOP BASE PLATE #2	2
21	LAB1175	FIXED PLATE FOR APPLICATOR CONNECTORS	1
22	LAB1177F	TOP STAINLESS STEEL PLATE 362(QUAND A)	1
23	LAB683A	SQUARE TUBE END M18 x 1-1/2"	4
24	LAB1169	TUBULAR BASE FOR SPECIAL 362-C	1
25	LAB407	ELECTRIC POST SUPPORT PLATE	1
26	BOU4010	FINISH HEX NUT DIN 934	4

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SPECIFICATIONS
QTY.

TOLERANCES
ANGLE: ± 0.5°
FRACTION: ± 0.02
DECIMALS: XX ± 0.1
DECIMALS: XXX ± 0.02

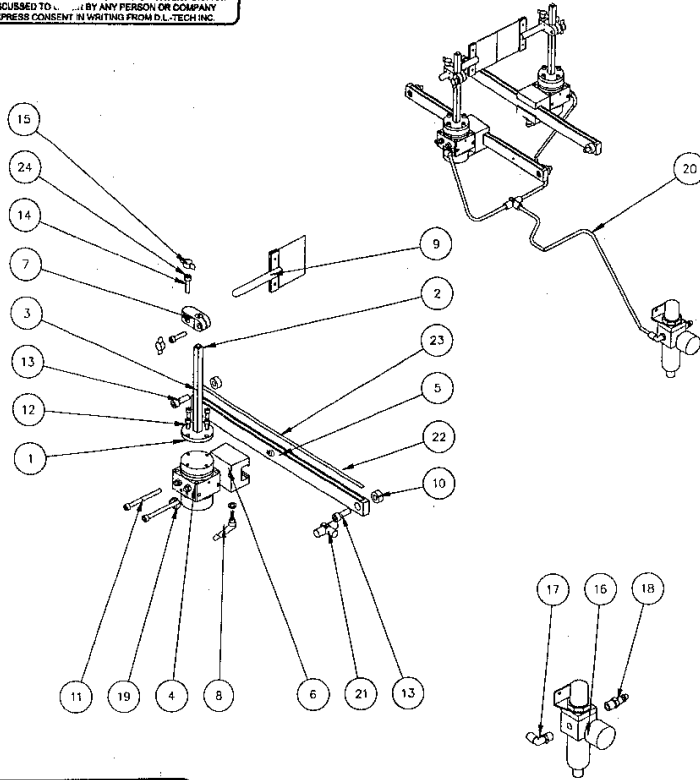


DL TECH
8811 BUCKINGHAM
KAPLUNG, QUEBEC
CANADA H9P 1S4
TEL: (514) 894-3439
FAX: (514) 894-4407
EMAIL: info@dltech.com

TITLE: BASE ASSY, DL362 (NO ALL, VISION LH)
DRAWN BY: G.R.
DRAWING INFORMATION: T.O 21 (Version 1) / Version 1 / Version 300 / LAB1174.dwg 22 FEB 2006
CHECKED BY: R

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MASTER, LABELER



Item	PART No.	Description	Qty.
1	28069	HUB FOR ROTARY CYLINDER	2
2	LAB108	ROD FOR SUPPORT WIPER	2
3	LAB110	SUPPORT PNEUMATIC WIPER ASSY (LONG)	2
4	41007	ROTATIVE CYLINDER	2
5	28060	WIPER SUPPORT 22" 22"	2
6	28064	BLOCK SLIDE FOR WIPERS	2
7	611638	CROSS BLOCK 12MM	2
8	93123	HANDLE M6 X 20 ORANGE	2
9	LAB118	WIPER ASSEMBLY	2
10	28061	SPACER FOR WIPER SUPPORT	6
11	BOU1063	SOCKET CAP SCREW M6 X 70	4
12	BOU1026	SOCKET CAP SCREW M5 X 12	8
13	BOU1075	SOCKET CAP SCREW M8 X 25	4
14	BOU1029	SOCKET CAP SCREW M5 X 20	4
15	27049	THUMSCREW KNOB M5	4
16	41101	FILTER REGULATOR 1/4 NPT	1
17	41085	CONNECTOR 90° 1/4NPT X 6MM	1
18	41073	QUICK COUPLER, 1/4" MALE	1
19	41082	FITTING 90° THREAD M5 HOSE 6MM	2
20	41152	HOSE 6MM DIA BLUE	1
21	41083	CONNECTOR "T" 6MM HOSE	1
22	29083	GRADUAL RULER 80-160	2
23	29075	GRADUATED RULER	2
24	BOU5021	FLAT WASHER #10	4

SPECIFICATIONS
QTY.: 1

TOLERANCES
ANGLE: ± 0.5°
DIMENSION: ± 1/32"



HERMA
18871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H8H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4102

TITLE: LABELER (362C) CHECKED BY:

WIPING STATION PNEUMATIC + WIPERS

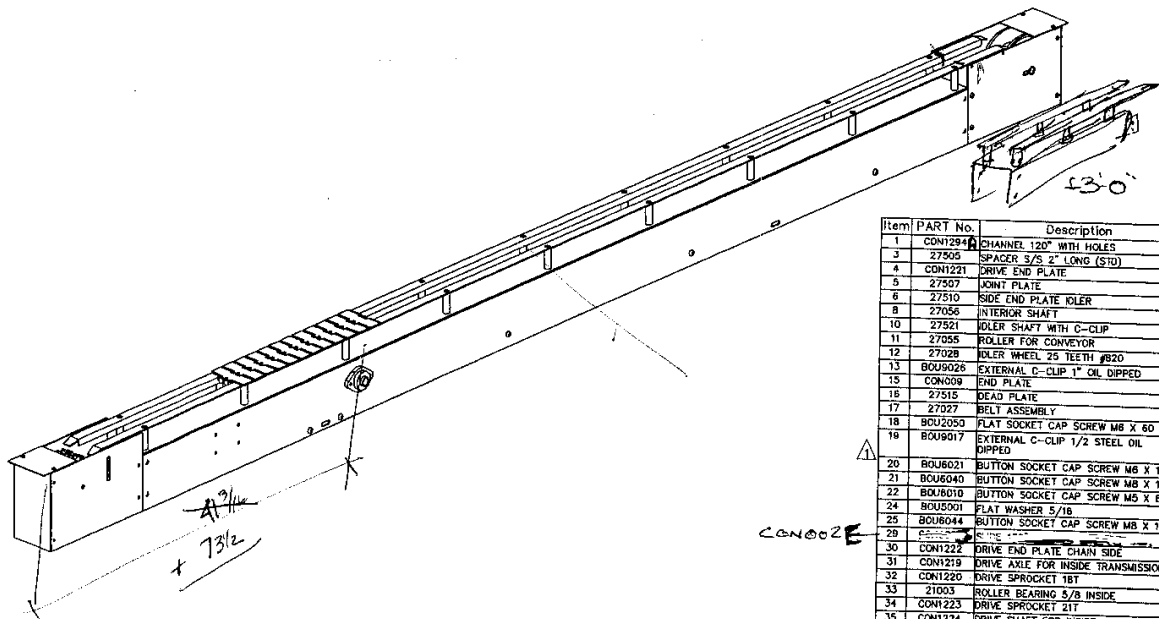
DRAWN BY: DRAWING INFORMATIONS

ASLAB 629

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REV	REVISION	DATE
PD	CONV02 WAS CONV02 (HYDRO)	19 JUN 2002
LL	UPDATE EXPLODED VIEW	11 JUN 2002

MASTER CONVEYOR



Item	PART No.	Description	Qty.
1	CON1294	CHANNEL 120" WITH HOLES	1
3	27505	SPACER 3/8" 2" LONG (STD)	24
4	CON1221	DRIVE END PLATE	1
5	27507	JOINT PLATE	1
6	27510	SIDE END PLATE ROLLER	4
8	27056	INTERIOR SHAFT	2
10	27521	ROLLER SHAFT WITH C-CLIP	1
11	27055	ROLLER FOR CONVEYOR	6
12	27028	ROLLER WHEEL 25 TEETH #820	1
13	BOU9026	EXTERNAL C-CLIP 1" OIL DIPPED	2
15	CON009	END PLATE	2
16	27515	DEAD PLATE	2
17	27027	BELT ASSEMBLY	2
18	BOU2050	FLAT SOCKET CAP SCREW M6 X 60	18
18	BOU9017	EXTERNAL C-CLIP 1/2 STEEL OIL DIPPED	12
20	BOU6031	BUTTON SOCKET CAP SCREW M6 X 10	14
21	BOU6040	BUTTON SOCKET CAP SCREW M6 X 10	12
22	BOU6010	BUTTON SOCKET CAP SCREW M5 X 8	10
24	BOU6001	FLAT WASHER 5/16	2
25	BOU6044	BUTTON SOCKET CAP SCREW M6 X 16	2
29	CON002	CONV02	2
30	CON1222	DRIVE END PLATE CHAIN SIDE	1
31	CON1219	DRIVE AXLE FOR INSIDE TRANSMISSION	1
32	CON1220	DRIVE SPROCKET 18T	1
33	21003	ROLLER BEARING 5/8 INSIDE	1
34	CON1223	DRIVE SPROCKET 21T	1
35	CON1224	DRIVE SHAFT FOR INSIDE TRANSMISSION	1
36	BOU9009	FIBER WASHER 3/4	2
37	CON1225	SHAFT FOR BENDER	1
38	CON1228	SPROCKET 12T FOR BENDER	1
39	LAB691	FLANGE BEARING 5/8	1
40	LAB1461	ROLLER BEARING 3/4	1
41	CON1228	SLIDE GUIDE FOR CHAIN	2
42	CON1229	SPROCKET 18T BORE 5/8	1
43	CON002A	SLIDING ANGLE 84"	2

132

LEFT + RIGHT 42"
 2x 45-CON002P SLIDE RAIL
 1x 44-CON002Z CONV02 sect 4 1/2

FINISHES
 ALL SURFACES FINISH DONE EXCLUSIVELY BY DL TECH INC.
 BREAK ALL SHARP EDGES

TOLERANCES

ANGLE	± 0.5°
FRACTION	± 1/32"
DECIMALS	± 0.01"
DECIMALS	± 0.02"

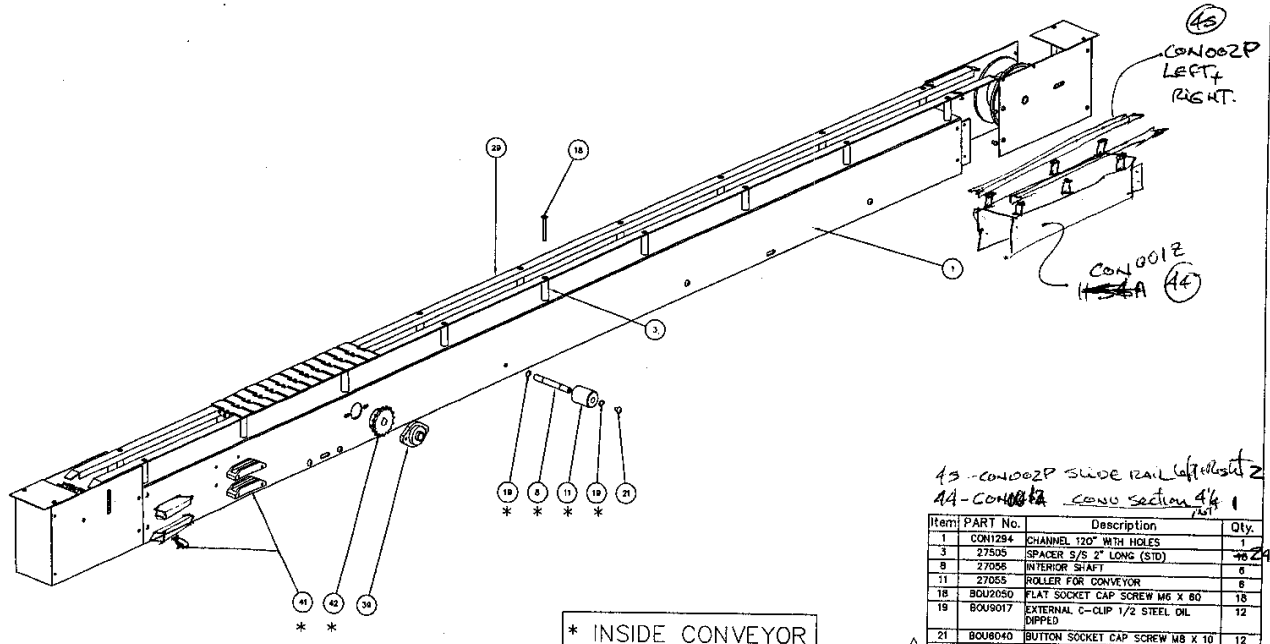


DL TECH
 1601 BLYTHWAY
 WINDING GRANDE
 CANADA R1M 1K4
 TEL: (514) 884-4100
 FAX: (514) 884-4101
 EMAIL: DLTECH@DLTECH.COM

TITLE: CONVEYOR FOR 362C
 BASIC SANITARY 4X400 DLCS4-130
 DRAWN BY: G.R.
 CHECKED BY: A.SCON301 REV 0
 DRAWING INFORMATION: PD 2:\Work\Conveyor\ASCH000\ASCH000.dwg JUN 10, 2003

REV	DESCRIPTION	DATE
1	CONV001Z WAS CONV02P	30 JUN 2003
2	UPDATE EXPLODED VIEW	1 JUN 2003

MASTER, CONVEYOR



43 - CONV002P SLIDE RAIL left/right 2
 44 - CONV002P CONV section 4 1/2

Item	PART No.	Description	Qty.
1	CON1294	CHANNEL 120" WITH HOLES	1
3	27535	SPACER 5/8" 2" LONG (STD)	40 29
6	27056	INTERIOR SHAFT	6
11	27055	ROLLER FOR CONVEYOR	8
18	BOU2050	FLAT SOCKET CAP SCREW M6 X 80	18
19	BOU9017	EXTERNAL C-CLIP 1/2 STEEL OIL DIPPED	12
21	BOU8040	BUTTON SOCKET CAP SCREW M8 X 10	12
29	CON02C	SLIDE 132" LG.	2
39	LAB591	FLANGE BEARING 5/8	1
41	CON1228	SLIDE GUIDE FOR CHAIN	2
42	CON1228	SPROCKET 1.6T BORE 5/8	1

EDUCATIONS:
 Y:1

ALL SURFACES FINISHED EXCLUSIVELY BY DL TECH INC
 BREAK ALL SHARP EDGES

* INSIDE CONVEYOR

TOLERANCES	
ANGLE	± 0.5°
FRACTION	± 1/32"
DECIMALS XX	± 0.01
DECIMALS XXX	± 0.002



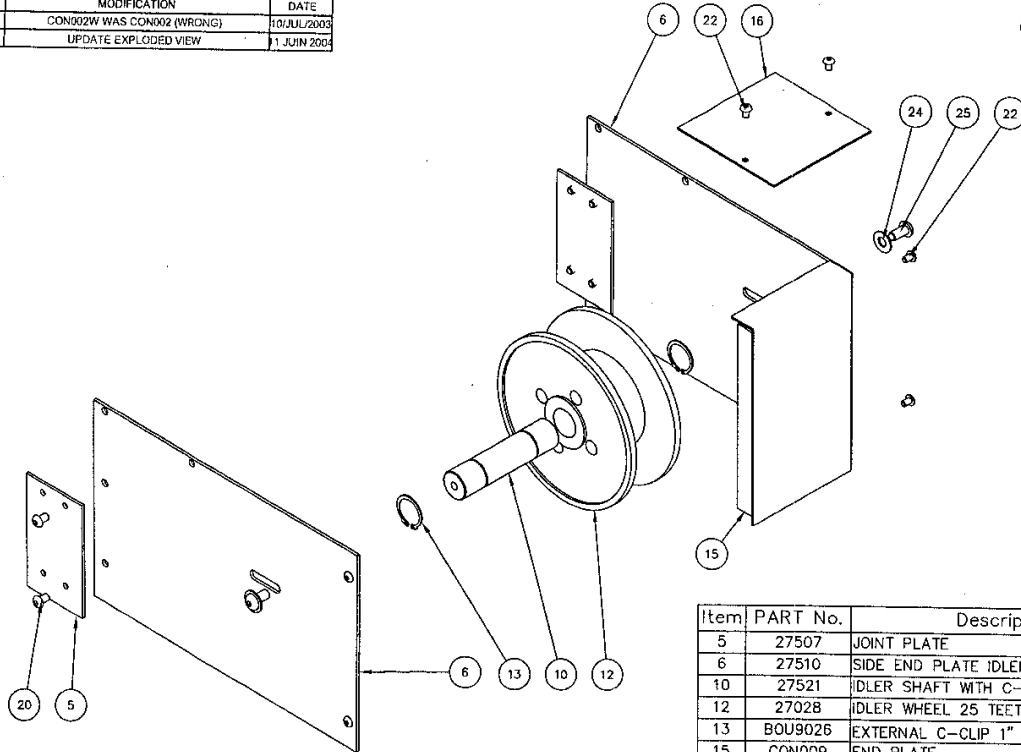
1971 BLYTHWOOD
 100 LANE 107000
 CONROE, TEXAS 75845
 TEL: (281) 594-3000
 FAX: (281) 594-6100
 EMAIL: DLTECH@DLTECH.COM

TITLE: CONVEYOR FOR 362C
 BASIC SANITARY 42190 DLOSA-190
 DRAWN BY: C.R.
 CHECKED BY: JASCON 381 REV-3
 PD 2/Master/Conveyor/VSKON000/VSKON040.dwg JUL 10, 2003

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REV	INIT	MODIFICATION	DATE
1	PD	CON002W WAS CON002 (WRONG)	10/JUL/2003
2	LL	UPDATE EXPLODED VIEW	11/JUN/2004

MASTER, CONVEYOR



Item	PART No.	Description	Qty.
5	27507	JOINT PLATE	4
6	27510	SIDE END PLATE IDLER	2
10	27521	IDLER SHAFT WITH C-CLIP	1
12	27028	IDLER WHEEL 25 TEETH #820	1
13	BOU9026	EXTERNAL C-CLIP 1" OIL DIPPED	2
15	CON009	END PLATE	2
16	27515	DEAD PLATE	2
20	BOU6021	BUTTON SOCKET CAP SCREW M6 X 10	14
22	BOU6010	BUTTON SOCKET CAP SCREW M5 X 8	10
24	BOU5001	FLAT WASHER 5/16	2
25	BOU6044	BUTTON SOCKET CAP SCREW M8 X 16	2

SPECIFICATIONS
QTY.: 1

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES

ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: XX	± .01
DECIMALES: .XXX	± .002

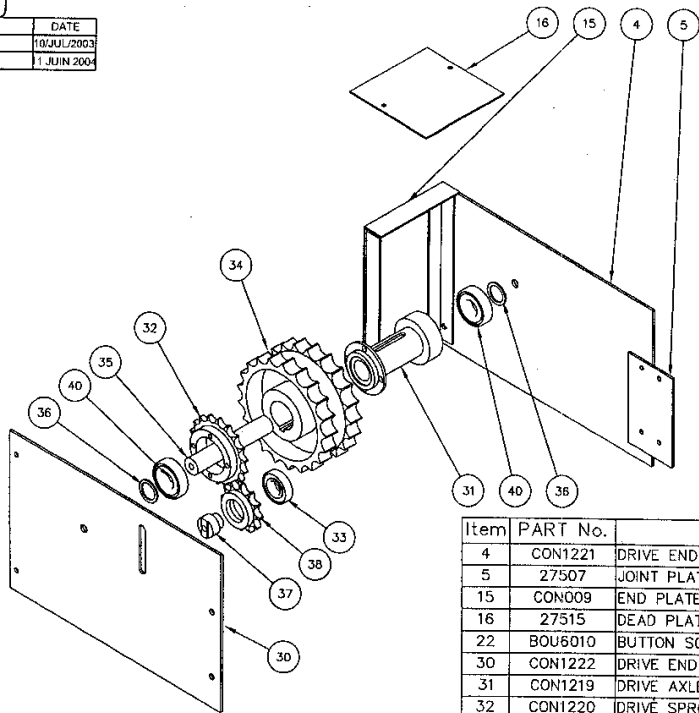


HERMA
16871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H9H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4107
EMAIL: dltech@go.ara.com

TITLE:	CONVEYOR FOR 362CL BASIC SANITARY 4X18" DLCS4-140"	CHECKED BY:	REV-2
DRAWN BY:	G.R.	DRAWING INFORMATIONS	3.61
		PD Z:\Master\Conveyor\ASCON000\ASCON000.dwg	JUL 10, 2003

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VW	INIT	MODIFICATION	DATE
1	PD	CON002W WAS CON002 (WRONG)	10/JUL/2003
2	LL	UPDATE EXPLODED VIEW	11/JUN/2004



Item	PART No.	Description	Qty.
4	CON1221	DRIVE END PLATE	1
5	27507	JOINT PLATE	4
15	CON009	END PLATE	2
16	27515	DEAD PLATE	2
22	BOU6010	BUTTON SOCKET CAP SCREW M5 X 8	10
30	CON1222	DRIVE END PLATE CHAIN SIDE	1
31	CON1219	DRIVE AXLE FOR INSIDE TRANSMISSION	1
32	CON1220	DRIVE SPROCKET 18T	1
34	CON1223	DRIVE SPROCKET 21T	1
35	CON1224	DRIVE SHAFT FOR INSIDE TRANSMISSION	1
36	BOU9009	FIBER WASHER 3/4	2
37	CON1225	SHAFT FOR BENDER	1
38	CON1226	SPROCKET 12T FOR BENDER	1
33	21003	ROLLER BEARING 5/8 INSIDE	1
40	LAB1481	ROLLER BEARING 3/4	2

SPECIFICATIONS
QTY.: 1

ALL SURFACES FINISH DONE EXCLUSIVELY BY D.L. TECH INC.
BREAK ALL SHARP EDGES

TOLERANCES	
ANGLE:	± 0.5°
FRACTION:	± 1/32"
DECIMALES: .XX	± .01
DECIMALES: .XXX	± .002

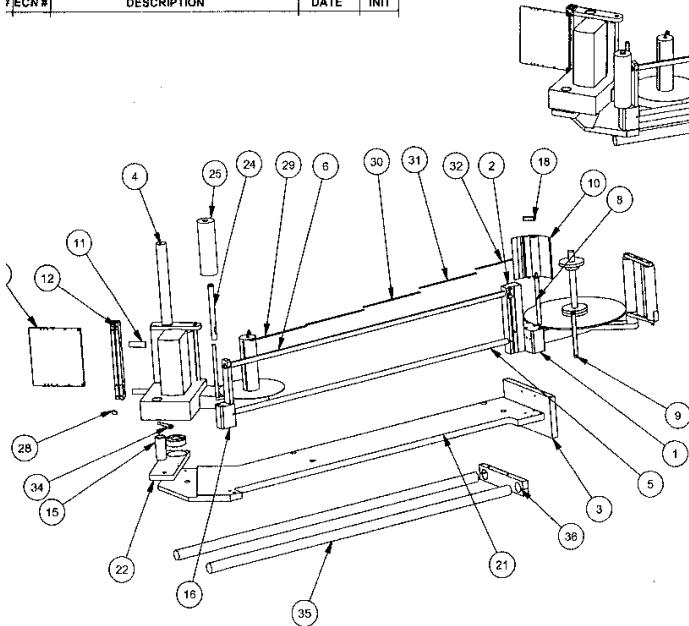


HERMA
16871 BLV HYMUS
KIRKLAND, QUEBEC
CANADA H3H 3L4
TEL: (514) 694-3439
FAX: (514) 694-4107
EMAIL: dltech@qc.aira.com

TITLE:	CONVEYOR FOR 362C BASIC SANITARY 4X140' DLCS4-140'	CHECKED BY:	REV 2
DRAWN BY:	G.R.	DRAWING INFORMATION:	381
		PD Z:\Master\Conveyor\ASCON000\ASCON246.dwg JUL 10, 2003	

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TECH #	DESCRIPTION	DATE	INIT
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Parts List			
ITEM	PART NUMBE	TITLE	QTY
1	LAB355	REAR HOLDER SUPPORT	1
2	LAB356A	REAR RD HOLDER (NEW)	1
3	LAB381A	PLATE SUPPORT WITHOUT UNWIND	1
4	LAB202A	SHAFT 30mm x 8 3/4 (TAP M10)	1
5	LAB364D	SHAFT 16mm x 40 1/4" Lg	1
6	LAB363D	SHAFT 16mm x 40 1/4" WITH RULER	1
8	LAB359	SHAFT FOR SPRING PLATE	1
9	LAB362A	PLATE FOR PAPER GUIDE SHORT	1
10	600925	BRAKE PLATE L/R	1
11	LAB228	SHAFT DIA. 16mm x 2" Lg FOR DL362N	2
12	616439	MOULD 16	1
13	647320LG	PEEL OFF PLATE	1
15	LAB351	ANTI ROTATION SHAFT	1
16	LAB352A	FRONT ROAD HOLDER SUPPORT 2"	1
18	90459	CLAMPING LEVEL L	1
21	LAB1213G	BASE HEAD SUPPORT 362C 48"LG (LH)	1
22	635206DLM0	NEW SUPPORT ANGLE 5/8" THK	1
24	LAB1381	ROLLER SHAFT FOR WEB ANGLE	1
25	PAP476A	TENSION ROLLER 2"	1
28	616023	BLUE PAPER GUIDE	4
29	29075	GRADUATED RULER INDICATOR PLATE 0-80	2
30	29083	GRADUATED RULER INDICATOR PLATE 80-160	1
31	29083A	GRADUATED RULER INDICATOR PLATE 160-240	1
32	29083B	GRADUATED RULER INDICATOR PLATE 240-320	1
34	93142	HANDLE M8 FEMALE	1
35	LAB369A	SHAFT 30mm x42 1/2" UNDER PLATET	2
36	LAB1781	END BLOCK FOR PIVOT LONG ADJUST	1

RAWN BY: K.K	DATE: 3/2/2005	CHECKED BY:	MATERIAL:	QTY / MACHINE:		MACHINE: LABELLER	SHEET: 1 OF 1
DECIMALS / DECIMAUX: xx ±.01 DECIMALS / DECIMAUX: xxx ±.002 FRACTIONS / FRACTIONS: ± 1/32 ANGULAR / ANGULAIRE: ± 0.5° BREAK ALL SHARP EDGES / BRISER TOUTES LES ARRETES		MATL TREATMENT:	MATL #:	16871 BLVD HYMUS TEL: (514) 694-3439 KIRKLAND, QUEBEC FAX: (514) 694-4107 CANADA H9H 3L4 EMAIL: info@dltech.net		TITLE: APPLICATOR ASSY, DL362C,H400, LONG SUPPORT DWG NO: Z:\Master\Labeller\LAB100\ASLAB185.iam	REV: 0

Contact Information

For Spare Parts or Technical Help please contact us with the following information:



Some of the other Machinery Manufactured by Aesus Packaging & Labelling Systems

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Tamper Evident Neck Bander



High Speed Shrink Sleever



12 Head Liquid Filler



Twin Head Auger Filler



Bottle Unscrambler



Inline High Speed Capper



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Labelling Systems