

Thank you for your interest in **Little David** Case Sealers by **Loveshaw**. Here is your recently requested pricing for a **Standard Model LDX-R TB 2.0** semi automatic random case sealing machine featuring powder coated rectangular tubular and formed sheet metal steel construction. This machine is specifically designed to help increase efficiency in your packaging lines by simple, easy maintenance and faster through put speeds.

This machine will receive from your operator your random sized regular slotted containers with all eight flaps folded and closed. The case will be sensed electronically by non-contact switches and photo-eyes which will allow the machine to pneumatically adjust to the case width and height. Once the case is sensed, top and bottom belt drive will propel the case through the taping process. The case will be processed and 2" wide pressure sensitive tape of commercially good quality will be applied to the top and bottom center seams with leading and trailing tape tabs of 2-1/4" to 2-1/2". The case will then be discharged onto your exit conveyor. The **Standard LDX-R TB 2.0** that we propose will accept random size regular slotted containers within the following dimensions:

	<u>Length</u>	<u>Width</u>	<u>Height</u>
Min:	6"	5-1/2"	3-1/2" *
Max:	INF	26"	24-1/2"

Throughput speeds of a semi automatic machine can only be determined by operator efficiency and length of time necessary for packing. The delivery of this **Standard LDX-R TB 2.0** machine is subject to production backlog. This quotation is valid for 60 days from date issued. Thank you for giving us the opportunity to bid for your business.

* Minimum case height can be reduced to 2-1/2" with reduced tape tab length (approximately 1-3/4" - 2")

Machine Features:

- semi automatic random case sealer
- safety locking mechanisms will lock head in position and release side rails with "E"-stop or the sudden loss of electric or air supply
- self tensioning & self-tracking, drive belt system (*top & bottom*)
- laced drive belts
- magnetic, movable on/off controls for easier operator use
- centrally located secondary "E"-stop
- locking top head assembly and side-rails for uniform mode (*movable for standard / mirror image case flow*)
- head limiter (*limits head assy. travel for increased throughput*)
- side rail lock for uniform mode
- side rail limiter (*limits side rail travel for increased throughput*)
- fully welded heavy-duty rectangular tubular and formed sheet metal construction
- dual mast construction with case hardened metal "V" rollers and hardened steel tracks
- heavy duty guarded metal "light touch" sensing paddle with wide contact surface for weak leading box panel (*non-contact switch*)
- easy access to electric's, pneumatics, drive train and motors
- common parts between top & bottom belt drive such as belts, drive & idler rollers
- CASELOCKER ST high speed light touch tape heads (*.CAC60 / .CAC61*)
- no tools required for cartridge knife & wipe down roller change
- 2" wide PST (*3" in field conversion capability*)
- removable and interchangeable tape cartridges
- self centering side rails
- overstuffed case capability
- right to left case flow (*standard*)
- 22" conveyor height adjustable up to 27-3/4"
- 110 volt, single phase electric's
- 115 FPM belt speed
- three roller infeed with non-contact switch (*photo-eye*)
(*this is not a pack table. The pack table is sold separately and can be found in the options section of the proposal*)

FOB, S. Canaan, PA Freight Collect

(*plus applicable sales, use, privilege or excise taxes and Federal, State or local, if any*)

\$12,950.00

Installation:

Installation, training & service will be provided by the local distributor at prevailing rates.

Weight Uncrated:

575 lbs.

Machine Dimensions:

With standard three roller infeed:

46-1/4" L x 33-5/8" W x 59-7/8" H

Electrical Requirements & specifications:

115 V, 1 Ph 60 Hz, 10 Amps

1/5 HP top drive motor, 1/3 HP bottom drive motor

Pneumatic Requirements & specifications:

9 SCFM @ 85 psi

Balance: 30 psi

Head raise: 85 psi,

Side rails: 25 psi

Terms:

Net 30 days

Available Options:

Spare tape cartridge	(2" PST)	.CAC60	1,250.00
	(3" PST)	.CAC61	1,350.00
3 phase electrical package	(any voltage)	----	1,510.00
High speed through put	(155 FPM belt speed)	----	500.00
Exit transfer table	(roller bed)	.ITA/LDX/RB	440.00
Dual locking casters	(swivel & rotating)	.LDC302	230.00
3" wide PST		----	300.00
Mirror image	(left to right case flow)	----	N/C
25-1/2" to 31-1/4" conveyor height		.LEA/LDX25	300.00
27" to 32-3/4" conveyor height		.LEA/LDX27	330.00
32" to 37-3/4" conveyor height		.LEA/LDX/32	400.00
37" to 42-3/4" conveyor height		.LEA/LDX/37	475.00
27" to 34" case height capability		.HMA/LDXRTB	CF
Spare parts kit	(2" PST)	.SPKT-LDXRTB/60	525.00
Spare parts kit	(3" PST)	.SPKT-LDXRTB/61	575.00
Roller bed extension for conveyor opening (50-1/4")		.ITA/LDXRTB/4	440.00
Roller bed extension for conveyor opening (55-1/2")		.ITA/LDXRTB/9	440.00
Roller bed extension for conveyor opening (60-1/4")		.ITA/LDXRTB/14	440.00
Roller bed extension for conveyor opening (64-1/4")		.ITA/LDXRTB/18	440.00
Pneumatic guard assembly		.PGA/LDXRTB	125.00
Air dryer		.ADA/LDXRTB	590.00



Little David® delivers high-performance packaging equipment.

Little David® LDX-RTB



Case Sealer LDX-RTB

High Performance - Random Case Sealing

The Little David LDX-RTB is the latest in a series of industrial grade, high performance case sealers from Little David®. This case sealer is designed to seal random assortments of case sizes and is unrivaled in its sheer efficiency, easy-of-maintenance, durability, and versatility.



Performance and Design Features:

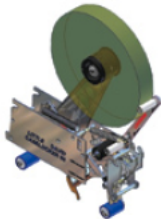
- ☑ **High Performance-** Case Sealer processes cases between 40%-80% faster than the nearest competition-providing the efficiency you require.
- ☑ **Versatile-** Capable of processing void-filled and overstuffed cases at high speeds. Same machine runs 2" and 3" tape plus mirror image setup.
- ☑ **Industrial Design-** Case hardened steel "v" rollers and non-mechanical side rail actuation ensure long-term performance and durability.
- ☑ **Quick/Easy Maintenance-** Easy access motors, electrics, and belts facilitate quick and easy maintenance and repair.

LDX-RTB

The Little David® LDX-RTB is a semi-automatic case sealer designed for processing random assortments of case sizes. The LDX-RTB automatically adjusts for the height and width of the case presented to it by an operator. The adjustments can also be fixed in place to process a series of uniform of cases. Cases are top and bottom sealed with 2" or 3" tape using the latest CaseLocker™ 60 tape cartridges.

Little David® Performance and Design Features:

- Processes cases between 40% and 80% faster than the competition
- Processes void-filled and overstuffed cases
- Safety locking mechanisms for head and side rails in case sudden loss of air or electric occurs.
- Interchangeable cartridges (top and bottom)



CaseLocker™ 60:
This high-performance tape cartridge features positive tape cutting, light actuation for weak boxes, an adjustment free design and is capable of running at speeds up to 200 ft./min.

Distributor Information:



Machine Dimensions:



Specifications:

Power Requirements: 110 volts, 60 cycle, single phase

Air Requirements: 9 SCFM @ 85 psi

Operating Speed: Continuous belt drive; Standard: 115' per minute (35.05 m/min). High Speed: 155' per minute (47.25 m/min.)

Closure Material: Pressure Sensitive Tape

Weight: 570 lbs. (258 kg.), uncrated

Case Capacity:

Length: 6" - infinite

Width: 5-1/2" - 22"

Height: *3-1/2" - 24.5"

* Minimum height can be reduced to 2.5" with reduced tape tab length

Options of the LDX-RTB:

- Casters
- Flat Exit Pack Table
- Roller Exit Pack Table
- Leg Extensions(3)
- High Speed
- High Mast
- CF-5 Connection Kit

CASE SEALER, CUSTOM & SPECIAL APPLICATION DIVISIONS

Little David® Warranty



For: All Standard Little David® Semi-Automatic Case Sealers.
All Standard LD-16 Series Fully Automatic Case Sealers.
All Special Application Case Sealers (Fully & Semi Automatic).

2 YEAR WARRANTY ON DRIVE MOTOR
2 YEAR WARRANTY ON GEAR MOTOR
2 YEAR WARRANTY ON GEAR REDUCER
3 YEAR WARRANTY ON TAPE CARTRIDGE

(EXCEPT FOR MOVING PARTS THAT ARE SUBJECT TO NORMAL WEAR, TEAR AND REPLACEMENT WHICH ARE WARRANTED ONLY TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP.)

1 YEAR ON PLC
1 YEAR ON SERVO DRIVE
1 YEAR ALL OTHER PARTS

Except for wear and moving parts.

*LIMITED WARRANTY – **LOVESHAW**, an **ITW** COMPANY (HEREIN AFTER “**LOVESHAW**”)

WARRANTS ONLY THAT THE GOODS SOLD BY IT SHALL BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP, UNDER PROPER AND NORMAL USE AND MAINTENANCE,

AS FOLLOWS:

<u>DRIVE MOTOR</u> -	2 YEARS
<u>GEAR REDUCER</u> -	2 YEARS
<u>GEAR MOTOR</u> -	2 YEARS (THIS APPLIES TO SIDE BELTS ONLY)
<u>TAPE CARTRIDGE</u> -	3 YEARS (EXCEPT FOR MOVING PARTS AND PARTS WHICH ARE SUBJECT TO NORMAL WEAR, TEAR AND REPLACEMENT WHICH ARE WARRANTED ONLY TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP);
<u>PLC</u> -	1 YEAR
<u>SERVO DRIVE</u> -	1 YEAR
<u>ALL OTHER PARTS</u> -	1 YEAR (EXCEPT FOR MOVING PARTS AND PARTS, WHICH ARE SUBJECT TO NORMAL WEAR, TEAR AND REPLACEMENT WHICH ARE WARRANTED ONLY TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP).

THE WARRANTY PERIOD SHALL COMMENCE AS OF THE DATE OF DELIVERY TO THE PURCHASER. THE OBLIGATION OF **Loveshaw** UNDER THIS WARRANTY IS STRICTLY LIMITED TO THE COST OF REPAIRING OR REPLACING, AS **Loveshaw** MAY ELECT, ANY PART OR PARTS THAT PROVE IN **Loveshaw's** JUDGMENT TO HAVE BEEN DEFECTIVE IN MATERIAL OR WORKMANSHIP AT THE TIME THE GOODS WERE SHIPPED FROM **Loveshaw's** PLANT. ANY WARRANTY CLAIM NOT MADE IN WRITING TO **Loveshaw** AT ITS HOME OFFICE WITHIN THE APPLICABLE WARRANTY PERIOD AND WITHIN 10 DAYS OF FAILURE WILL NOT BE VALID. THIS IS THE SOLE AND EXCLUSIVE REMEDY AVAILABLE UNDER THIS WARRANTY. UNDER NO CIRCUMSTANCES WILL **Loveshaw** BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.

IF REQUESTED BY **Loveshaw**, PURCHASER SHALL RETURN ANY DEFECTIVE PART OR PARTS TO **Loveshaw's** PLANT, FREIGHT PREPAID. ALL WARRANTY PART REPLACEMENT AND REPAIRS MUST BE MADE BY **Loveshaw** OR A **Loveshaw** DEALER AUTHORIZED TO HANDLE THE GOODS COVERED BY THIS WARRANTY. ANY OUTSIDE WORK OR ALTERATIONS DONE WITHOUT **Loveshaw's** PRIOR WRITTEN APPROVAL WILL RENDER THIS WARRANTY VOID. **Loveshaw** an **ITW** COMPANY WILL NOT ASSUME ANY EXPENSE OR LIABILITY FOR ANY REPAIRS MADE TO ITS GOODS OUTSIDE ITS WORKS WITHOUT ITS PRIOR WRITTEN CONSENT. THIS WARRANTY SHALL NOT APPLY TO ANY ITEM THAT HAS NOT BEEN USED, OPERATED, AND MAINTAINED IN ACCORDANCE WITH **Loveshaw's** RECOMMENDED PROCEDURES. **Loveshaw** SHALL HAVE NO LIABILITY WHATSOEVER WHERE THE GOODS HAVE BEEN ALTERED, MISUSED, ABUSED OR INVOLVED IN AN ACCIDENT.

NO PERSON IS AUTHORIZED TO MAKE ANY WARRANTY OR TO CREATE ANY LIABILITY BINDING UPON **Loveshaw**, WHICH IS NOT STATED IN THIS WARRANTY. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, WHICH ARE HEREBY EXCLUDED. IN PARTICULAR, THE IMPLIED WARRANTY OF MERCHANTABILITY, AS WELL AS THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED.

Loveshaw

an **ITW** Company
2206 Easton Turnpike, South Canaan., PA 18459
570.937.4921 - 800.572.3434 - FAX 570.937.3229

Loveshaw requires all equipment that is to be installed to meet the following requirements

- Uncrated and inline
- Proper power supplied to machine
- Air installed
- Proper conveying installed

If the above requirements are not performed prior to **Loveshaw's** technician arriving, the Loveshaw technician can take one of the below actions.

- 1) Leave the facility and reschedule the installation at another time. A charge of \$800 plus expenses will occur plus a new PO will need to be issued for newly rescheduled installation.
- 2) Wait for the equipment to meet the above requirements with waiting time to be billed at \$100 hour.

Loveshaw requires all equipment that is to be trained on/repared to meet the following requirements

- Uncrated and Inline
- Powered up
- Air installed
- Proper conveying installed
- Online and working to **Loveshaw's** specifications (if installation is performed by

Loveshaw, this is **Loveshaw's** responsibility)

- Also, personnel to be trained must be available without distractions. Daily rate includes all training within 8 hour period. Training beyond the 8 hour period is billed at a rate of \$100 Hour.

If the above requirements are not performed prior to **Loveshaw's** technician arriving, the Loveshaw technician can take one of the below actions.

- 1) Leave the facility and reschedule the training/repair at another time. A charge of \$800 plus expenses will occur plus a new PO will need to be issued for newly rescheduled training.
- 2) Wait for the equipment to meet the above requirements with waiting time to be billed at \$100 hour.
- 3) Bring machine up to manufactures specifications. This will require a new PO to be issued that states:
PO issued to bring (customer's name) (model machine) up to original specifications. Time plus parts to be billed at \$100 hour for time and list price for parts.

Mark Gilvey
Aftermarket/Manufacturing Manager