START™
International

Tape Dispensers
Label Dispensers
Non-Adhesive Cutters

A SOLUTION FOR EVERY NEED

Increasing Productivity
and
Offering Solutions

Product Catalog

www.startinternational.com

ABOUT

START International has provided solutions for manufacturing companies worldwide since 1981. We provide the service and expertise that are required to ensure that our customers are fitted with the best equipment for the job. Our company is built on adding value to production lines and building relationships with our customers.

MISSION

START's mission is to continuously provide the highest quality product, build and maintain relationships with our customers, and to constantly improve the customer service experience.

INNOVATION

START's best product innovations come from simple observations combined with a keen understanding of our customers' needs. Most companies design their products specifically to increase sales volume. START's main goal is not to create a bestseller, but to enhance customers' operations. To attain that goal, our product design engineers develop value-added products. Our approach begins with our unequalled information gathering techniques. With this unique approach to product development we are able to provide the highest quality and most effective products for our customers.

As you flip through this catalog, you will see how our product line is designed to fit virtually any taping and labeling application.

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Label Dispensers
Product Identification
Safety Seal

TAPE Dispensers

TAPE DISPENSER

BY START INTERNATIONAL

USABILITY
Easy set-up and operation, with virtually no operator training needed.

PRECISION
Each piece is cut clean for accurate and attractive tape presentation.
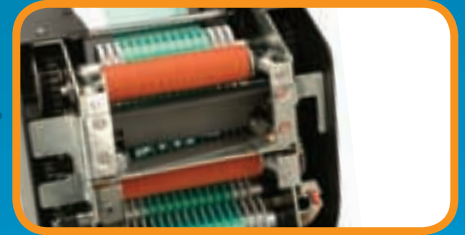
VERSATILITY
Virtually any tape can be dispensed on our machines for use in a variety of industries.

ACCURACY
Tolerance of +/- .04″ (1mm) within the programmed length on each cut.

EFFICIENCY
Increase productivity and reduce material costs.

Look for the START holographic seal to ensure product authenticity!

START
International

Increasing
manufacturing productivity
For Over 20 Years

Electronic

- Photocell actuated feed & cut or push-button feed & cut
- Guillotined cut for a straight edge piece of tape
- LED Digital length adjustment
- Manual override of preset lengths
- Blades good for up to 200,000 cuts (dependent on type of material)
- Steel frame for durability
- Cabinet made from flame retardant antistatic composite (auto ignition of 896° F/ 480°C)
- Comes with a 3-in-1 core (1″ (25mm), 1.4″ (35mm), 3″ (76mm))
- Adjustable pressure roller for different thicknesses of tape
- Accuracy of tape length is +/− .04″ (1mm) (dependent on type of material)
- Many available accessories fit this machine. See Accessories section.

Proven to be dependable and easy to operate

ZCM1000

Electronic Tape Dispenser

- Ideal for medium to high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

Suggested accessory:
ZCM1000P026
External Reel Stand –
Max. OD 9.45″ (240mm)

See Accessories Pg. 30

Features

| STEEL FRAME | 3-IN-1 CORE | EASY TO OPERATE |

Applications

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	3-in-1 Core Hlder	Accuracy of Cut**	Length Setting	Weight	Dimensions
ZCM1000	.28 to 2.0″ (7 to 51mm)	.79 to 39″ (20 to 999mm)	7″ (178mm)	1″, 1.4″,3″ (25, 35, 76mm)	+/−.04″ (1mm)	digital (LED)	5.3 lbs (3.4 kg)	9.7″(L) x 5.4″(W) x 5.9″(H) 24.5cm(L) x 13.7cm(W) x 15cm(H)

Electrical requirements: 117V 50/60Hz, <1 amp (220V 50/60Hz available)   ** dependent on material

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Electronic

- Ideal for medium to high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Photocell actuated feed & cut or push-button feed & cut
- Guillotined cut for a straight edge piece of tape
- LED Digital length adjustment
- Manual override of preset lengths
- Blades good for up to 200,000 cuts (dependent on type of material)
- Steel frame for durability
- Cabinet made from flame retardant antistatic composite (auto ignition of 896° F/ 480°C)
- Comes with a 3-in-1 core (1″ (25mm), 1.4″ (35mm), 3″ (76mm))
- Adjustable pressure roller for different thicknesses of tape
- Accuracy of tape length is +/− .04″ (1mm) (dependent on type of material)
- For safety reasons, the use of tweezers is recommended for removing pieces of tape under 15mm
- Many available accessories fit this machine. See Accessories section.

Suggested accessory:
ZCM1000P026
External Reel Stand –
Max. OD 9.45″ (240mm)

See Accessories Pg. 30

The B, C, E, K, T and NM modifications are also available for the ZCM2000.

For 220V machines, please add "-2" to the end of the model number. (Example: ZCM2000-2)

ZCM1000B
Electronic Tape Dispenser for Narrow Tapes

- **Special advancement roller for extra narrow tapes (1/8″ (3mm)) or thin tapes**
- Accepts tape widths from .125″ to 1″ (3 to 25mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM1000C
Electronic Tape Dispenser for Glass Cloth Tapes

- **Modified cutting head for flimsy and glass cloth tapes**
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM1000D
Electronic Tape Dispenser for Extra Short (5mm) Pieces of Tape

- **Modified circuit board for minimum length setting of .2″(5mm)**
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .2″ to 39″ (5 to 999mm)
- Photosensor unable to detect 5mm pieces. Suggested to use tweezers.

ZCM1000E
Electronic Tape Dispenser for Dispensing Two Rolls of Tape

- **Modified cutting head with dual photo sensors for dispensing two rolls of tape**
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM1000K
Electronic Tape Dispenser with Creaser

- **This addition puts a crease in thin tapes that have a tendency to curl up, such as Kapton®**
- Accepts tape widths from .5″ to 1.1″ (12 to 28mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM1000T
Electronic Tape Dispenser for Thin Tapes

- **Special advancement system to help dispense thin tapes**
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM1000NM
Electronic Tape Dispenser for Protective Film

- **Modified ZCM1000 with special flat tape advancement rollers for protective films**
- Ideal for medium to high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM2000
Electronic Tape Dispenser with 3 Programmable Tape Lengths

- Ideal for medium to high production of repetitive taping for industrial applications
- **Program 3 defined lengths and automatically advance and cut tape**
- Two operating modes: on demand lengths or consecutive
- Accepts tape widths from .28″ to 2″ (7 to 51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

Example: 30, 45, 60mm

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	3-in-1 Core Holder	Accuracy of Cut**	Length Setting	Weight	Dimensions
ZCM1000	.28 to 2″ (7 to 51mm)	.79 to 39″ (20 to 999mm)	7″ (178mm)	1″, 1.4″, 3″ (25, 35, 76mm)	+/−.04″ (1mm)	digital (LED)	5.3 lbs (3.4 kg)	9.7″(L) x 5.4″(W) x 5.9″(H) 24.5cm(L) x 13.7cm(W) x 15cm(H)
ZCM2000	.28 to 2″ (7 to 51mm)	.79 to 39″ (20 to 999mm)	7″ (178mm)	1″, 1.4″ 3″ (25, 35, 76mm)	+/−.04″ (1mm)	digital (LED)	5.3 lbs (3.4 kg)	9.7″(L) x 5.4″(W) x 5.9″(H) 24.5cm(L) x 13.7cm(W) x 15cm(H)

Electrical requirements: 117V 50/60Hz, <1 amp (220V 50/60Hz available)   ** dependent on material

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ZCM1100

Electronic Tape Dispenser with Safety Guard Cutting Head

- Safety guard system prevents activation of cutter when foreign objects are present (fingers, tools, etc.)
- Ideal for medium to high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .28" to 2" (7 to 51mm)
- Cuts tape lengths from 1.2" to 39" (30 to 999mm)

Safety Mechanism

Though not recommended, the ZCM1100 and ZCM2200 are inoperable when foreign objects enter cutting area

ZCM2200

Electronic Tape Dispenser with Safety Guard Cutting Head and 3 Programmable Tape Lengths

- Safety guard system prevents activation of cutter when foreign objects are present (fingers, tools, etc.)
- Program 3 defined lengths and automatically advance and cut tape
- Ideal for medium to high production of repetitive taping for industrial applications
- Two operating modes: on demand lengths or consecutive
- Accepts tape widths from .28" to 2" (7 to 51mm)
- Cuts tape lengths from 1.2" to 39" (30 to 999mm)

Electronic

- Photocell actuated feed & cut or push-button feed & cut
- Guillotined cut for a straight edge piece of tape
- LED Digital length adjustment
- Manual override of preset lengths
- Blades good for up to 200,000 cuts (dependent on type of material)
- Steel frame for durability
- Cabinet made from flame retardant antistatic composite (auto ignition of 896° F/ 480°C)
- Comes with a 3-in-1 core (1" (25mm), 1.4" (35mm), 3" (76mm)
- Adjustable pressure roller for different thicknesses of tape
- Accuracy of tape length is +/– .04" (1mm) (dependent on type of material)
- Many available accessories fit this machine. See Accessories section.

Suggested accessory:
ZCM1000P026
External Reel Stand –
Max. OD 9.45" (240mm)

See Accessories Pg. 30

For the ZCM1100 and the ZCM2200, the B, K, T and NM modifications are now available.

For 220V machines, please add "-2" to the end of the model number. (Example: ZCM1100-2)

MODEL #	Tape Width	Programmable Memory	Cut Length	Max. Outside Dia. of Roll	3-in-1 Core Holder	Accuracy of Cut**	Length Setting	Weight	Dimensions
ZCM1100	.28 to 2.0" (7 to 51mm)	1	1.2 to 39" (30 to 999mm)	7" (178mm)	1", 1.4", 3" (25, 35, 76mm)	+/–.04" (1mm)	digital (LED)	5.3 lbs (3.4 kg)	9.8"(L) x 5.4"(W) x 6.2"(H) 25cm(L) x14cm(W) x 16cm(H)
ZCM2200	.28 to 2.0" (7 to 51mm)	3	1.2 to 39" (30 to 999mm)	7" (178mm)	1", 1.4" 3" (25, 35, 76mm)	+/–.04" (1mm)	digital (LED)	5.3 lbs (3.4 kg)	9.8"(L) x 5.4"(W) x 6.2"(H) 29cm(L) x 14cm(W) x 16cm(H)

Electrical requirements: 117V 50/60Hz, <1 amp (220V 50/60Hz available)   ** dependent on material

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Designed for the Most
Demanding Production Environments

- Heavy-duty metal construction
- All metal gears and advancement rollers
- 4 modes of operation: manual feed-manual cut, manual feed and cut, auto feed and cut and interval feed and cut
- Guillotined cut for a straight edge piece of tape
- Digital push switch display for easy length adjustments
- Safety interlock
- Accuracy +/- .04″ (1mm) (dependent on type of tape)
- 9″ (251mm) maximum outside diameter roll
- Comes with 3″ (76mm) core
- Optional foot switch available, see Accessories section

TDA080

Electronic "Heavy-Duty" Tape Dispenser

- Ideal for high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25 ″ (6mm) to 3.15″ (80mm)
- Cut lengths from 1.6″ (40mm) to 394″ (9999mm)

Suggested accessory:
TDSTAND03
Max. OD 20″ (508mm)

See Accessories Pg. 31

Features
4 OPERATING MODES

SOLID CONSTRUCTION, SOLID GEARS

Applications

For 220V machines, please add "-2" to the end of the model number. (Example:TDA080-2)

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	Core Diameter	Accuracy of Cut*	Weight	Footprint	Dimensions
TDA080	.25 to 3.15″ (6 to 80mm)	1.6 to 394″ (40 to 9999mm)	9″ (251mm)	3″ (76mm)	+/- .04″ (1mm)	21 lbs (9.5 kg)	9.25(L) X 6.75″(W) (235 X 172mm)	9″(L) x 6.625″(W) x 12″(H) 229mm(L) x 168mm(W) x 305mm(H)

Electrical requirements: 115V 50/60Hz <2 amps (220V 50/60Hz available) * Dependent on material. ** Dimensions for TDA080-LAM and TDA080-LR are larger than other TDA080's. Please call for exact Specifications.

TDA080-NS

TDA080 for FOAM Tapes

- **Modified TDA080 with special non-stick tape advancement rollers for Foam and High Tack tapes**
- Ideal for high production of Foam and High Tack tape applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25″ (6mm) to 3.15″ (80mm)
- Cut lengths from 1.6″ (40mm) to 394″ (9999mm)
- Maximum material thickness: .125″ (3mm) foam, .0625″ (1.5mm) VHB®. Materials beyond the specification must be tested. See Material Evaluation form on Pg. 32.
- Machine shown with optional reel stand (TDSTAND03 - See Pg. 31)

- Heavy-duty metal construction
- All metal gears and advancement rollers
- 4 modes of operation: manual feed-manual cut, manual feed and cut, auto feed and cut and interval feed and cut
- Guillotined cut for a straight edge piece of tape
- Digital push switch display for easy length adjustments
- Safety interlock
- Accuracy +/- .04″ (1mm) (dependent on type of tape)
- 9″ (251mm) maximum outside diameter roll
- Comes with 3″ (76mm) core

TDA080-LAM

TDA080 with Laminator Feature

- **Modified TDA080 which laminates two (2) rolls of tape together**
- Ideal for high production of repetitive taping for industrial applications
- Laminates, dispenses and cuts tape to predetermined definite lengths
- Accepts tape widths from .25″ (6mm) to 3.15″ (80mm)
- Cut lengths from 1.6″ (40mm) to 394″ (9999mm)

TDA080-NM

TDA080 for Protective Films

- **Modified TDA080 with special non-marking tape advancement rollers for protective films and foil tapes**
- Ideal for high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25″ (6mm) to 3.15″ (80mm)
- Cut lengths from 1.6″ (40mm) to 394″ (9999mm)

Suggested accessory:
TDSTAND03
Max. OD 20″ (508mm)

See Accessories Pg. 31

TDA080-K

TDA080 with Creaser

- **Modified TDA080 with special tape advancement roller which puts a crease in thin tapes that have a tendency to curl up**
- Ideal for high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25″ (6mm) to 3.15″ (80mm)
- Cut lengths from 1.6″ (40mm) to 394″ (9999mm)

TDA080-LR

TDA080 for Tapes on a Liner

- **Modified TDA080 with additional liner remover to remove inside liner of aluminum and other lined tapes**
- Ideal for high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25″ (6mm) to 3.15″ (80mm)
- Cut lengths from 1.6″ (40mm) to 394″ (9999mm)

For 220V machines, please add "-2" to the end of the model number. (Example: TDA080-NS-2)

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Heavy Duty
Wide Tape Dispensers

Add'l info for **TDA150**
- Heavy-duty metal construction
- All metal gears and advancement rollers
- 4 modes of operation: manual feed-manual cut, manual feed and cut, auto feed and cut, and interval feed and cut
- Guillotined cut for a straight edge piece of tape
- Digital push switch display for easy length adjustments
- Safety interlock
- Accuracy +/- .04" (1mm) (dependent on type of tape)
- 9" (251mm) maximum outside diameter roll
- Comes with 3" (76mm) core

TDA150

Electronic "Heavy-Duty" Tape Dispenser – 150mm Wide

- Ideal for high production of repetitive taping for industrial applications
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25" to 5.9" (6 to 150mm)
- Cuts lengths from 1.6" to 394" (40 to 9999mm)

TDA150-NS

- Modified TDA150 with special tape advancement rollers for Foam and High Tack tapes

TDA150-NM

- Modified TDA150 with special flat tape advancement rollers for protective films and foil tapes

ZCM3000

Electronic Tape Dispenser with 3 Programmable Lengths and Counter

- Tape dispenser with counter
- 3 length memory
- Auto feed & cut
- Digital length adjustment
- Accepts tape widths from .28" to 3" (7 to 76mm)
- Cuts tape lengths from 1.6" to 39" (40 to 999mm)

For 220V machines, please add "-2" to the end of the model number. (Example: TDA150-2)

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	Core Diameter	Accuracy of Cut*	Weight	Dimensions
TDA150	.25 to 5.9" (6 to 150mm)	1.6 to 394" (40 to 9999mm)	9" (251mm)	3" (76mm)	+/- .040" (+/- 1mm)	38 lbs. (17.2 kg)	10" (L) x 13" (W) x 13" (H) 25.4cm (L) x 33.0cm (W) x 33.0cm

MODEL #	Tape Width	Program Memory	Counter/Display	Cut length	Max. Outside Dia. of Roll	Core Holder	Accuracy of Cut*	Tape Cutter	Feed Type	Length Setting	Counter	Weight
ZCM3000	.28 to 3" (7 to 76mm)	3	yes/digital (LED)	1.6 to 39" (40 to 999mm)	8" (203mm)	3" (76mm)	+/–.04" (1mm)	automatic	automatic	digital (LED)	Increase and decrease	12.8 lbs (5.8 kg)

Dimensions: 10.3"(26cm)L x 7.9"(20cm)W x 9.1"(23cm)H   Electrical requirements: 117V 50/60Hz, <1 amp (220V 50/60Hz available)   *dependent on material

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TDA025

Electric Carousel Tape Dispenser

- Ideal for multi-operator applications
- Automatically feed and cut tape to a definite length
- Unique feed system places tape on carousel for easy removal
- Accepts tape widths from .12″ to .98″ (3 to 25mm)
- Cuts lengths from .47″ to 2.36″ (12 to 60mm)

ZCUT3060

Electronic "Heavy-Duty" Tape Dispenser

- Accepts tape widths from .59″ to 2.36″ (15 to 60mm)
- Cuts tape lengths from 1.97″ to 39″ in length (50 to 999mm)

ZCUT3080

Electronic "Heavy-Duty" Tape Dispenser

- Accepts tape widths from .59″ to 3.15″ (15 to 80mm)
- Cuts tape lengths from 1.97″ to 39″ (50 to 999mm)

ZCUT3150

Electronic "Heavy-Duty" Tape Dispenser

- Accepts tape widths from .59″ to 5.9″ (15 to 150mm)
- Cuts tape lengths from 1.97″ to 394″ in length (50 to 9999mm)

ZCUT3250

Electronic "Heavy-Duty" Tape Dispenser

- Accepts tape widths from .59″ to 9.84″ (15 to 250mm)
- Cuts tape lengths from 1.97″ to 394″ in length (50 to 9999mm)

Add'l info for **TDA025**
- Allows up to 20 pieces of tape to be cut at the touch of a button
- Accepts 1″, 1.25″ and 3″ (25, 32, 76mm) core diameter tapes
- Safety switch on cover

Add'l info for **ZCUT Series**
- Designed for continuous industrial applications
- Automatically feed and cut tape
- Digital push switch display for easy length adjustments
- Manual or automatic dispensing
- Variable feed intervals; automatic delay up to 10 seconds
- Fully enclosed metal cabinet
- Safety switch inside front cover
- Automatically feed and cut tape

For alternatives to the ZCUT Series, please see our models TDA080 and TDA150 Heavy-Duty Tape Dispensers on Pg. 6-8.

For 220V machines, please add "-2" to the end of the model number. (Example: TDA025-2)

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	Core Diameter	Accuracy of Cut*	Tape Cutter	Feed Type	Adjustable Tape Spacing	Length Setting	Weight
TDA025	.12 to .98″ (3 to 25mm)	.47 to 2.36″ (12 to 60mm)	5.1″ (130mm)	1″, 1.25″ & 3″ (25, 32, & 76mm)	+/−.04″ (1mm)	automatic	carousel	yes	mechanical (lead screw)	6.2 lbs (2.75 kg)

Dimensions: 11.8″(30cm)L x 6.3″(16cm)W x 6.3″(16cm)H   Electrical requirements: 117V 50/60Hz, <1 amp (220V 50/60Hz available)   *dependent on material

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	Core Diameter	Accuracy of Cut*	Weight	Dimensions
ZCUT3060	.59″ to 2.36″ (15 to 60mm)	1.97″ to 39″ (50 to 999mm)	7.8″ (200mm)	3″ (76mm)	+/−.04″ (1mm)	25.3 lbs (11.5 kg)	9.8″(L) x 7.5″(W) x 11.4″(H) 25cm(L) x 19cm(W) x 29cm(H)
ZCUT3080	.59″ to 3.15″ (15 to 80mm)	1.97″ to 39″ (50 to 999mm)	7.8″ (200mm)	3″ (76mm)	+/−.04″ (1mm)	26.5 lbs (12 kg)	9.8″(L) x 7.5″(W) x 11.4″(H) 25cm(L) x 19cm(W) x 29cm(H)
ZCUT3150	.59″ to 5.9″ (15 to 150mm)	1.97″ to 394″ (50 to 9999mm)	7.8″ (200mm)	3″ (76mm)	+/−.04″ (1mm)	39.7 lbs (18 kg)	9.8″(L) x 13″(W) x 11.4″(H) 25cm(L) x 33cm(W) x 29cm(H)
ZCUT3250	.59″ to 9.84″ (15 to 250mm)	1.97″ to 394″ (50 to 9999mm)	7.8″ (200mm)	3″ (76mm)	+/−.04″ (1mm)	47.4 lbs (21.5 kg)	9.8″(L) x 17″(W) x 11.4″(H) 25cm(L) x 43cm(W) x 29cm(H)

Electrical requirements: 120V 50/60Hz, <1amp (220V 50/60Hz available)   *dependent on material

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Manual

ZCM0800

Electric Tape Dispenser

- Ideal entry level dispenser for low to medium production with thin film tape
- Automatically advances tape when tape is pulled and cut
- Dispense tape from .25" (6mm) to 1"(25mm) in width
- 3 fixed lengths: 1.18" (30mm), 1.77" (45 mm), 3.54" (90mm)
- Model # ZCM0800-WT comes with AC adapter

ZCM0900

Electric Tape Dispenser with 14 Programmable Lengths

- Ideal entry level dispenser for low to medium production with thin film tape
- Automatically advances tape when tape is pulled and cut
- Dispense tape from .25" (6mm) to 1" (25mm) in width
- Dispense tape from 1.2" to 3.75" (30 to 95mm) in length
- 14 pre-set lengths adjustable in 5mm intervals
- Model # ZCM0900-WT comes with AC adapter

ZCM0300

Manual Tape Dispenser with Hand Lever

- Ideal for low volume production
- Definite length tape dispenser
- Dispense tape from .25" to 1" (6 to 25mm) in width
- Dispense tape from .50" to 4" (13 to 102mm) in length with a single pull

TDM080

Manual Lever Tape Dispenser

- Ideal for low volume production
- Lever operated definite length tape dispenser
- Dispense tape from .38" (10mm) to 3.15" (80mm)
- Dispense tape from 1" to 10" (25 to 254mm) with each lever stroke

TDLR050B

Universal Liner Remover/Tape Dispenser

- Excellent for foil tapes with an inside liner
- Will handle up to 2" (51mm) wide tapes
- Uses a 3" (76mm) core
- Heavy-duty metal base
- Functions as a single unit or along with our electric tape dispensers for maximum efficiency. Please call for details

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	Core Diameter	Tape Cutter	Feed Type	115V AC Adapter	Dimensions	Weight
ZCM0300	.25" to 1" (6 to 25mm)	.50 to 4.00" (13 to 102mm)	4.75" (120mm)	3" (76mm)	manual	hand lever	N/A	6.25"(L) x 3.5"(W) x 4.88"(H) 16cm(L) x 9cm(W) x 12cm(H)	3.2 lbs (1.45 kg)
ZCM0800	.25" to 1" (6 to 25mm)	1.18, 1.77 & 3.54" (30, 45, 90mm)	5.3" (135mm)	1" & 3" (25 & 76mm)	manual	automatic	optional	6.97"(L) x 3.78"(W) x 4.53"(H) 177mm(L) x 96mm(W) x 115mm(H)	2.7 lbs (1.23 kg)
ZCM0900	.25" to 1" (6 to 25mm)	30-95mm in 5mm intervals	5.3" (135mm)	1" & 3" (25 & 76mm)	manual	automatic	optional	6.97"(L) x 3.78"(W) x 4.53"(H) 177mm(L) x 96mm(W) x 115mm(H)	2.7 lbs (1.23 kg)
TDM080	.38 to 3.15" (10 to 80mm)	1" - 10" (25 to 254mm)	9" (229mm)	3" (76mm)	manual	hand lever	N/A	15 x 6 x 5.5" (281 x 252 x 140mm) 28cm(L) x 25cm(W) x 14cm(H)	2 lbs (1 kg)

3 "D" Batteries not included. Weight is shown without batteries.

MODEL #	Tape Width	Max. Roll Diameter	Type Gear Drive	Core Diameter	Dimensions	Weight
TDLR050B	Up to 2" (51mm)	6" (152mm)	gear	3" (76mm)	11.25"(L) x 3.50"(W) x 7.00"(H)) 285mm(L) x 89mm(W) x 178mm(H)	6.50 lbs (2.94 kg)

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START International

SL7605K

Manual Bag Sealer with Cutter

- All metal construction
- Automatically measures and cuts tape
- Places a flag of tape around the bundled end of a bag

SL7606

Stainless Steel Manual Bag Sealer with Cutter

- Stainless steel construction
- Automatically measures and cuts tape
- Places a flag of tape around the bundled end of a bag

SL7808K

Wide-Neck Manual Bag Sealer with Cutter

- Designed for larger or thicker bags
- All metal construction
- Automatically measures and cuts tape
- Places a flag of tape around the bundled end of a bag

SL7326

2" (51mm) Multi-Roll Manual Tape Dispenser

- Ability to dispense two 1" (25mm) rolls of tape
- Tiered metal bars help guide and separate tape rolls
- Comes with 3" (76mm) cores

SL7336

3" (76mm) Multi-Roll Manual Tape Dispenser

- Ability to dispense three 1" (25mm) rolls of tape
- Tiered metal bars help guide and separate tape rolls
- Comes with 3" (76mm) cores

SL7346

4" (102mm) Multi-Roll Manual Tape Dispenser

- Ability to dispense four 1" (25mm) rolls of tape
- Tiered metal bars help guide and separate tape rolls
- Comes with 3" (76mm) cores

SL9506

6" (152mm) Wide – Multi-Use Manual Tape and Label Dispenser

- Dispense tape and labels
- 6" (152mm) wide dispenser
- Multi-roll capacity
- Heavy-duty steel frame

SL9512

12" (305mm) Wide – Multi-Use Manual Tape and Label Dispenser

- Dispense tape and labels
- 12" (305mm) wide dispenser
- Multi-roll capacity
- Heavy-duty steel frame

SL9518

18" (457mm) Wide – Multi-Use Manual Tape and Label Dispenser

- Dispense tape and labels
- 18" (457mm) wide dispenser
- Multi-roll capacity
- Heavy-duty steel frame

Add'l info for **SLK7605K, SL7606 & SL7808K**

- Use any thin polyester or reinforced paper tapes
- Eliminate twist tying
- Heat-treated steel blade
- Bag trimmer
- Pre-drilled holes in base for mounting to work surfaces
- Compact design
- No assembly or maintenance required
- Comes with a 3" (76mm) core

Add'l info for **SL7326, SL7336, SL7346**

- Heavy-duty steel frame
- Non-skid weighted rubber base
- Serrated blade
- Baked enamel finish

Add'l info for **SL9506, SL9512 & SL9518**

- Serrated cutting blade
- Works with die-cut and butt-cut labels
- Can use up to a 6" (152mm) diameter roll
- Dividers adjust to separate rolls
- Ability to change individual rolls
- Rubber suction base
- Baked enamel finish
- Use any size core

MODEL #	Max. Tape Width	Slot Opening	Max. Outside Diameter of Tape	Dimensions	Weight
SL7605K	.375" (9mm)	.375" (9mm)	6" (152mm)	8.622"(L) x 2.91"(W) x 6"(H) 219mm(L) x 74mm(W) x 152mm(H)	2.33 lbs (1.06 kg)
SL7606	.375" (9mm)	.375" (9mm)	6" (152mm)	8.622"(L) x 2.91"(W) x 6"(H) 219mm(L) x 74mm(W) x 152mm(H)	2.33 lbs (1.06 kg)
SL7808K	.79" (20mm)	.625" (16mm)	7" (178mm)	10"(L) x 3.34"(W) x 8.24"(H) 254mm(L) x 85mm(W) x 209mm(H)	3.75 lbs (1.70 kg)

MODEL #	Max. Roll Width	Max Outside Dia. of Roll	Dimensions	Weight
SL7326	2" (51mm)	6" (152mm)	9.375"(L) x 2.750"(W) x 5.250"(D) 238mm(L) x 69mm(W) x 133mm(D)	3.27 lbs (1.48 kg)
SL7336	3" (76mm)	6" (152mm)	9.375"(L) x 3.500"(W) D 5.250"(D) 238mm(L) x 89mm(W) x 133mm(D)	3.96 lbs (1.80 kg)
SL7346	4" (102mm)	6" (152mm)	9.375"(L) x 4.750"(W) x 5.250"(D) 238mm(L) x 121mm(W) x 133mm(D)	4.85 lbs (2.20 kg)
SL9506	6" (152mm)	6" (152mm)	12.315"(339mm)L x 8.750"(222mm)W x 7.000"(177mm)H	6.76 lbs (3.07 kg)
SL9512	12" (305mm)	6" (152mm)	12.315"(339mm)L x 14.625"(371mm)W x 7.000"(177mm)H	9.45 lbs (4.29 kg)
SL9518	18" (457mm)	6" (152mm)	12.315"(339mm)L x 20.750"(527mm)W x 7.000"(177mm)H	10.76 lbs (4.88 kg)

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Wrappers

Add'l info for TDW019

- Simple, compact and easy to use
- Holes in base to mount to workbench
- Uses any brand of tape
- Totally maintenance free
- Safety blade guard
- 7" (178mm) maximum outside roll diameter
- 1.5" (38mm) tape core provided
- Optional tape cores:
  - 1.25" (32mm): Part # TDW019-04A
  - 3" (76mm): Part # TDW019-04C

Add'l info for SPIRULA001

- Uses a wide variety of adhesive and non-adhesive tapes (PVC, Vinyl, cloth, etc.)
- Variable speed control
- Adjustable tape cutter
- Automatic power safe
- Automatic home positioning of the taping head
- Fixture to attach a counterbalance (helps eliminate injuries due to monotony)
- Battery operation of 10 to 180 rpm (with AC adaptor:10 to 280 rpm)
- Battery charging time of 2 hours
- Battery capacity of 1 hour zero force at 140 rpm using .75" (19mm) PVC
- 2.86lbs, (1.3 kg) including battery
- Operates by hand or with optional bench adaptor and foot pedal
- Can be used with battery or with optional AC power supply
- Optional accessories: benchtop mounting kit, foot pedal, AC adaptor, counter-balance

TDW019

Manual Tape Wrapper

- Efficiently wrap tape around wires, harnesses, bundles, tubing, etc.
- Accepts tape widths from .38 - .75" (9 – 19mm)
- Maximum bundle diameter of 2" (51mm)
- Heavy-duty solid aluminum frame construction

SPIRULA001

Automatic Spiral Hand Tape Wrapper

- Efficient taping machine that performs continuous spiral taping for wire harnessing to secure cables and wires
- Tape width from .24 - .78" (6 – 20mm)
- Maximum tape roll diameter of 5.51" (140mm)
- Can be used with core diameters of 25", 1.25", 1.5", or 3" (25, 32, 38, or 76mm)

MODEL #	Max. Bundle	Max Tape Width	Max. Outside Dia. of Roll	Core Diameter	Weight	Dimensions	Electrical Requirements
TDW019	2" (51mm)	.75" (19mm)	7" (178mm)	1.5" (38mm)	5 lbs (2.27kg)	10.5 x 6 x 11.25" (267 x 152 x 287mm)	N/A
SPIRULA	1.6" (40mm)	.78" (20mm)	5.51" (140mm)	1", 1.25", 1.5", or 3"	2.86 lbs (1.3kg)	12.4 x 5.78 x 4.65" (314 x 147 x 118mm)	N/A

START International

Streamlines Wrapping,
Bundling, Harnessing, and
Spot Taping
Applications

Add'l info for **TDWW501B**

- Increases wire harnessing productivity
- Saves on tape costs by using the same length for every wrap
- Easy to use; minimal operator training required
- Works with most industrial vinyl adhesive tapes
- Compact design takes up little bench space
- Less than 1 second per cycle time
- Maximum tape roll diameter of 7" (178mm) with 2 rolls, 6" (152mm) with 3 rolls
- **Optional accessories:**
  - TDWW501BPS – small tape wrapping wheel for bundles from .12 to .2" (3 to 5mm in diameter
  - TDWW501BPL – large tape wrapping wheel for bundles from .32 to .40" (8 to 10mm) in diameter
  - Various sized tape cores. Call for details.

TDWW501B

Heavy-Duty Electric Tape Wrapper

- Automatically wrap tape around wire harnesses, or bundles for efficient spot taping
- Up to 2.15" (55mm) in tape width
- From 1.6 to 2.7" (40 to 69mm) in tape length
- From .2 to .32" (5 to 8mm) in bundle diameter (Optional interchangeable wrapping wheels for other widths)
- 3" (76mm) tape core diameter (other sizes available)

For 220V machines, please add "-2" to the end of the model number. (Example: TDWW501B-2)

MODEL #	Min. Bundle Diameter*	Max. Bundle Diameter**	Cycle Time	Max. Tape Width	Min. Tape Length	Max. Tape Length	Max. Outside Diameter	Core Diameter	Weight	Dimensions
TDWW501B	.12" (3mm)	.40" (10mm)	<1 second	2.15" (55mm)	1.6" (40mm)	2.7" (69mm)	6" (152mm)	3" (76mm)	66 lbs (30kg)	16 x 10 x 21" (406 x 254 x 307mm)

Power requirements: 115V 50/60Hz, (220V available) *With optional small tape wrapping wheel   **With optional large tape wrapping wheel

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Manual Gummed

- Easy to use
- Simple length setting
- Reduces tape costs by eliminating waste
- Triple moistening brush system with a corrosion resistant water tray
- Large capacity water bottle (46oz., 1.3l) for long intervals between fill-ups
- Easy to refill water bottle
- Adjustable water level
- Stainless steel tape guides
- Heavy-duty metal frame for strength and durability
- Uses plain or reinforced tapes

TDH_2O1

Manual Gummed "Water-Activated" Tape Dispenser

- Feeds, moistens, and cuts definite length gummed tapes
- Ideal for use in small to medium size shipping departments
- Dispense tape from 1.5″ to 3″ (38 to 76mm) in width
- Dispense tape from 6 to 39″ (152 to 990mm) in length with one stroke

Suggested accessory:
TDH2OPHEATER
Adjustable top heater ensures superior tape adhesion, constant brush/water temperature, and maximum wetting and activation of adhesive (useful in cold climates)

IDEAL FOR ANY SHIPPING DEPARTMENT

EASY LENGTH ADJUSTMENT

MODEL #	Tape Width	Max. Roll Size	Water Bottle Capacity	Number of Wetting Brushes	Machine Dimensions	Shipping Dimensions	Machine Weight	Shipping Weight
TDH_2O1	1.5-3″ (38-76mm)	up to 600′ (182mm) roll 8″ (203mm) OD	46 oz. (1.3l)	3	18″(L)x9.5″(W)x13″(H) 457mm(L)x242mm(W)x330mm(H)	21″(L)x13″(W)x16″(H) 534mm(L)x330mm(W)x407mm(H)	23 lbs (10.43 kg)	27 lbs (12.25 kg)

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TDH₂O5

Electric Gummed "Water-Activated" Tape Dispenser

- Feeds, moistens, and cuts definite length gummed tapes
- Ideal for use in any shipping department
- Dispense tape from 1.5" to 3" (38 to 76mm) in width
- 14 preset length buttons for easy dispensing

- Increases operator efficiency
- Easy to use
- Reduces tape costs by eliminating waste
- Easy touch membrane switch electronic key pad for length settings
- 2X button to double any preset length button
- Random Length button that feeds as long as the button is pressed
- Quiet long-life drive motor only operates when length button is engaged
- Triple moistening brush system with a corrosion resistant water tray
- Large capacity water bottle (46oz., 1.3l) for long intervals between fill-ups
- Easy to refill water bottle
- Adjustable water level
- Adjustable top heater ensures superior tape adhesion, constant brush/water temperature and maximum wetting and activation of adhesive (useful in cold climates)
- Stainless steel tape guides
- Heavy-duty metal frame for strength and durability
- Uses plain or reinforced tapes

EASY TOUCH MEMBRANE SWITCH

ADJUSTABLE HEATING ELEMENT

MODEL #	Tape Width	Maximum Roll Size	Water Bottle Capacity	Number of Wetting Brushes	Machine Dimensions	Shipping Dimensions	Dispensing Speed	Machine Weight	Shipping Weight
TDH2O5	1.5-3" (38-76mm)	up to 600' (182mm) roll 8" (203mm) OD	46 oz. (1.3l)	3	18"(L)x11.5"(W)x11"(H) 457mm(L)x292mm(W)x280mm(H)	21"(L)x13"(W)x16"(H) 534mm(L)x330mm(W)x407mm(H)	up to 45"per sec. (1143mm)	29 lbs (12.16 kg)	34 lbs (15.4 kg)

Power Requirements: 115V 50/60Hz 5 amps

LABEL Dispensers

THE
LABEL
DISPENSER
BY START INTERNATIONAL

VERSATILITY
Dispense virtually any size, shape, and material of label, even die-cut parts.

PRECISION
Precise photoelectric sensor controls for accurate detection of labels.

FUNCTIONALITY
Peel and advance labels automatically, without the tedious hassle of peeling labels by hand.

STABILITY
All metal construction for industrial use.

EFFICIENCY
Increase productivity by reducing your motions.

START
International

Increase Productivity,
Increase Efficiency,
Increase Label Integrity

LD5100

4.5" (114mm) wide — Electric Label Dispenser "HIGH SPEED"

- Ideal for virtually any kind of label from bar code to packaging
- Automatically peels and advances labels
- Photosensor accuracy and reliability
- All metal construction
- High torque motor for heavy rolls of labels
- Will dispense labels from .25" to 4.5" (6 to 114mm) in width
- Will dispense labels from .50" to 6" (13 to 152mm) in length

LD2000

2.25" (57mm) wide — Electric Label Dispenser "HIGH SPEED"

- Ideal for small labels and small work areas
- Automatically peels labels from its liner and advances labels
- Will dispense labels and die-cut parts
- Photosensor accuracy and reliability
- All metal construction
- Will dispense labels from .25" to 2.25" (6 to 57mm) in width
- Will dispense labels from .25" to 3" (6 to 76mm) in length

DAISY-CHAIN CAPABILITY

Add'l info for **LD5100**
- Will dispense labels and die-cut parts
- Adjustable strip plate for hard-to-release labels
- Will accommodate core sizes of 1" (25 mm) and 3" (76mm)
- Can dispense paper, polyester, vinyl, acetate, foam, foil, etc.
- Automatically rewinds liner scrap for a cleaner working environment
- Liner scrap is easily removed
- No tools required for adjusting to different size labels
- No maintenance required
- For Clear labels please select Model # LD5100C
- For Black adhesive or Metallic (reflective adhesive) labels please select Model # LD5100R

Add'l Info for **LD2000**
- Will accommodate core sizes of 1" (25mm) and 3" (76mm)
- Can dispense paper, polyester, vinyl, acetate, foil, etc.
- Automatically rewinds liner scrap for a cleaner working environment
- Liner scrap is easily removed
- No tools required for adjusting to different size labels
- No maintenance required
- The LD2000 can be daisy-chained to other LD2000's for dispensing different labels at the same time. This enables up to 8 dispensers to operate as a single dispenser. Order part no. LD2000-CABLE for each connection.

Suggested accessory:
LDPBATTERY
Rechargeable External Battery Pack

See Accessories Pg. 31

For 220V machines, please add "-2" to the end of the model number. (Example: LD5100-2)

MODEL #	Liner Capacity Width	Length	Roll Capacity	Feed Speed*	Dimensions	Electrical Requirements	Weight
LD5100	.25" to 4.5" (6mm to 114mm)	.50" to 6" (13mm to 152mm)	12" (30.5cm)	3.3"/sec* (8cm/sec.)	10.8"(L) x 10.8"(W) x 14.5"(H) 27.4cm(L) x 27.4cm(W) x 36.8cm(H)	100/120V 50/60Hz, <1 amp (220V 50/60Hz available)	10.5 lbs (4.76 kg)
LD2000	.25" to 2.25" (6mm to 57mm)	.25" to 3" (6mm to 76mm)	6" (15.2cm)	2.2"/sec* (5.6cm/sec.)	7.3"(L) x 4.9"(W) x 9.6"(H) 8.5cm(L) x 12.5cm(W) x 24.1cm(H)	12V Dc with Universal transformer, 100V - 240V	2.00 lbs (1 kg)

*speed calculated at 60Hz

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Electric

Add'l info for **LD5000 & LD7000**
- Will dispense labels and die-cut parts
- Adjustable strip plate for hard-to-release labels
- Will accommodate core sizes of 1" (25 mm) and 3" (76mm)
- Can dispense paper, polyester, vinyl, acetate, foam, foil, etc.
- Automatically rewinds liner scrap for a cleaner working environment
- Liner scrap is easily removed
- No tools required for adjusting to different size labels
- No maintenance required

Add'l info for **SPECIAL APPLICATIONS**
- For Clear labels please select Model # LD5000C
- For Black adhesive or Metallic (reflective adhesive) labels please select Model # LD5000R
- For Clear labels please select Model # LD7000C
- For Black adhesive or Metallic (reflective adhesive) labels please select Model # LD7000R

Suggested accessory:
TDSTAND08
Max. OD 20" (508mm)

See Accessories Pg. 31

For 220V machines, please add "-2" to the end of the model number. (Example: LD5000-2)

LD5000

4.5"(114mm) wide — Electric Label Dispenser

- Ideal for short length and tiny bar code labels
- Automatically peels and advances labels
- Photosensor accuracy and reliability
- All metal construction
- High torque m otor for heavy rolls of labels
- Will dispense labels from .25" to 4.5" (6 to 114mm) in width
- Will dispense labels from .125" to 6" (3 to 152mm) in length

LD7000

7" (178mm) wide — Electric Label Dispenser
"HIGH SPEED"

- Ideal for wider packaging type labels
- Automatically peels and advances labels
- Photosensor accuracy and reliability
- All metal construction
- High torque motor for heavy rolls of labels
- Will dispense labels from .25" to 7" (6 to 178mm) in width
- Will dispense labels from .50" to 6" (13 to 152mm) in length

MODEL #	Liner Capacity Width	Length	Roll Capacity	Feed Speed*	Dimensions	Electrical Requirements	Weight
LD5000	.25" to 4.5" (6mm to 114mm)	.125" to 6" (3mm to 152mm)	12" (31cm)	1.6"/sec* (3.9cm/sec.)	10.8"(L) x 10.8"(W) x 14.5"(H) 27.4cm(L) x 27.4cm(W) x 36.8cm(H)	100/120V 50/60Hz, <1 amp (220V 50/60Hz available)	10.5 lbs (4.76 kg)
LD7000	.25" to 7" (6mm to 178mm)	.50" to 6" (13mm to 152mm)	9" (23cm)	3.3"/sec* (8cm/sec.)	10.8"(L) x 13.2"(W) x 14.5"(H) 27.4cm(L) x 33.5cm(W) x 36.8cm(H)	100/120V 50/60Hz, <1 amp (220V 50/60Hz available)	11.3 bs (5.12 kg)

*speed calculated at 60Hz

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LD5500

5" (127 mm) wide — Electric Label Dispenser
"HIGH SPEED"

- Ideal for long packaging type labels
- Automatically peels and advances labels
- Photosensor accuracy and reliability
- All metal construction
- High torque motor for heavy rolls of labels
- Will dispense labels from .25" to 5" (6 to 127mm) in width
- Will dispense labels from .5" to 12" (13 to 305mm) in length

LD7500

8" (203mm) wide — Electric Label Dispenser
"HIGH SPEED"

- Ideal for long and wide packaging type labels
- Automatically peels and advances labels
- Photosensor accuracy and reliability
- All metal construction
- High torque motor for heavy rolls of labels
- Will dispense labels from .25" to 8"(6 to 203mm) in width
- Will dispense labels from .5" to 12" (13 to 305mm) in length

Electric

Add'l info for **LD5500 & LD7500**

- Will dispense labels and die-cut parts
- Adjustable strip plate for hard-to-release labels
- Will accommodate core sizes of 1" (25mm) and 3" (76mm)
- Can dispense paper, polyester, vinyl, acetate, foil, etc.
- Automatically rewinds liner scrap for a cleaner working environment
- Liner scrap is easily removed
- No tools required for adjusting to different size label
- No maintenance required

Add'l info for **SPECIAL APPLICATIONS**

- For Clear labels please select Model # LD5500C
- For Black adhesive or Metallic (reflective adhesive) labels please select Model # LD5500R
- For Clear labels please select Model # LD7500C
- For Black adhesive or Metallic (reflective adhesive) labels please select Model # LD7500R

For 220V machines, please add "-2" to the end of the model number. (Example: LD5500-2)

MODEL #	Liner Capacity Width	Length	Roll Capacity	Feed Speed*	Dimensions	Electrical Requirements	Weight
LD5500	.25" to 5" (6 to 127mm)	.5" to 12" (13 to 305mm)	12" (305mm)	3.9"/sec* (10cm/sec.)	14.5"(L) x 12.5"(W) x 11.0"(H) 368(L) x 318(W) x 279mm(H)	100/120V 50/60Hz (220V available)	24.5 lbs (11 kg)
LD7500	.25" to 8" (6 to 203mm)	.5" to 12" (13 to 305mm)	12" (305mm)	3.9"/sec* (10cm/sec.)	14.5"(L) x 15.5"(W) x 11.0"(H) 368(L) x 394(W) x 279mm(H)	100/120V 50/60Hz (220V available)	18.4 lbs (8.33 kg)

*speed calculated at 60Hz

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Specialty

- Heavy-duty metal construction
- All metal gears and advancement rollers
- 4 Modes of operation: Manual feed - manual cut, manual feed and cut, auto feed and cut and interval feed and cut
- Guillotined cut for a straight edge piece of tape
- Digital push switch display for easy length adjustments
- Safety interlock
- 9″ (251mm) maximum outside diameter roll
- Comes with 3″ (76mm) core
- Optional footswitch available, see Accessories section

Add'l info for **LDHANGTAB**

- Will dispense labels and die-cut parts
- Adjustable strip plate for hard-to-release hang tabs
- Will accommodate core sizes from 1″ to 6″ (25 to 152mm)
- Automatically rewinds liner scrap for a cleaner working environment
- Liner scrap is easily removed
- No tools required for adjusting to different size hang-tabs
- No maintenance required
- Will dispense clear or opaque hang-tabs

For 220V machines, please add "-2" to the end of the model number. (Example: LR4500-2)

TDA080-PS

Electronic "Heavy-Duty" Liner-Less Label Dispenser

- Modified TDA080 with added Photosensor to consistently cut liner-less labels
- Ideal for high production of repetitive Labeling of Liner-less Labels
- Program a defined length and automatically advance and cut tape
- Accepts tape widths from .25″ to 3.15″ (6 to 80mm)
- Cuts lengths from 1.6″ to 394″ (40 to 9999mm)
- Minimum registration mark for photosensor is 1/16″ (1.5mm)

LDHANGTAB

Electric Hang-Tab Dispenser

- Automatically peels and advances labels
- Photosensor accuracy and reliability
- All metal construction
- High torque motor for heavy rolls of labels
- Will dispense hang-tabs from .25″ to 4.5″ (6 to 114mm) wide
- Will dispense hang-tabs from .125″ to 6″ (3 to 152mm) in length

LR4500

Label Rewinder

- Rewind labels from thermal transfer printers or reels
- 2 speeds (slow and fast)
- Bidirectional (forward and backward)
- Maximum material width 4.5″ (114mm)
- Maximum outside diameter of roll 9″ (251mm)
- Use 2 LR4500's to unwind and rewind labels for proper orientation of labels

MODEL #	Tape Width	Cut Length	Max. Outside Dia. of Roll	Core Diameter	Accuracy of Cut*	Weight	Footprint	Dimensions
TDA080	.25 to 3.15″ (6 to 80mm)	1.6 to 394″ (40 to 9999mm)	9″ (251mm)	3″ (76mm)	+/- .04″ (1mm)	21 lbs (9.5 kg)	9.25(L) X 6.75″(W) (235 X 172mm)	9″(L) x 6.625″(W) x 12″(H) 229mm(L) x 168mm(W) x 305mm(H)

Electrical requirements: 115V 50/60 Hz <2 amps (220V 50/60 Hz available) * Dependent on material.

MODEL #	Liner Capacity Width	Length	Roll Capacity	Feed Speed*	Core	Dimensions	Electrical Requirements	Weight
LDHANGTAB	.25″ to 4.5″ (6mm to 114mm)	.125″ to 6″ (3mm to 152mm)	16″ (406mm)	1.6″/sec* (3.9cm/sec)	6″ (153mm)	10.8″(L) x 10.8″(W) x 14.5″(H) 27.4cm(L) x 27.4cm(W) x 36.8cm(H)	100/120V 50/60Hz, <1 amp (220V 50/60Hz available) (4.76 kg)	10.5 lbs (4.8 kg)
LR4500	.25″ to 4.5″ (6mm to 114mm)	Variable	9″ (251mm)	Slow/Fast	1.25″ & 3″	11″ (L) x 6″ (W) x 9.2″ (H) 27.9cm (L) x 15.2cm (W) x 23.4cm (H)	12V Dc with 100/120V adaptor (12V Dc with 220V adaptor avail.)	8.5 lbs (3.6 kg)

LAP65-30

Manual Hand-Held Label Applicator

- Maximum label width 1.20″ (30mm)
- Maximum label length 2.36″ (60mm)
- Minimum core size 1″ (25mm)

LAP65-60

Manual Hand-Held Label Applicator

- Maximum label width 2.36″ (60mm)
- Maximum label length 2.36″ (60mm)
- Minimum core size 1″ (25mm)

LAP65-100

Manual Hand-Held Label Applicator

- Maximum label width 3.93″ (100mm)
- Maximum label length 2.36″ (60mm)
- Minimum core size 1″ (25mm)

LA70

Electric Hand-Held Label Applicator

- Ideal for repetitive hand labeling
- Will dispense labels from .78″ to 6″ (20 to152mm)
- Automatic calibration for label length
- Works best with white labels

LDM080

Manual Lever Label Dispenser

- Dispenses labels with one stroke of the lever handle
- Maximum label width 3.15″ (80mm)
- No maximum label length

Add'l info for **LAP65-30, LAP65-60, LAP65-100**
- Ideal for repetitive labeling of boxes or bags
- Simply squeeze handle to dispense and apply any die-cut label
- Maximum outside diameter of roll 3.93″ (100mm)
- No custom tooled slots needed to dispense labels, just a 1/8″ (3mm) gap between labels
- Manufactured for industrial use
- Unique sensor automatically adjusts the label stroke
- Patented mechanism dispenses virtually any shape of die-cut label

Add'l info for **LA70**
- Lightweight and portable
- Easy loading
- No custom tooled slots needed to feed labels
- Microprocessor controls
- Will feed approximately 1100 yards (1000 meters) of liner material per battery charge (dependent on material)
- Battery and charger included
- **Optional accessories:**
  - LA70P017 Replacement Battery
  - LA70P018 Dual Battery Charger

Add'l info for **LDM080**
- Adjustable stroke to dispense labels at proper length
- Works with die-cut as well as butt-cut labels
- Maximum outside roll diameter of 9″ (229mm)
- Label roll core of 3″ (75mm)
- Heavy duty steel base and lever arm
- Key slots in base for permanent mounting to bench

MODEL #	Max. Outside Dia. of Roll	Minimum Core Size	Liner Max. Width	Liner Min. Width	Maximum Label Length	Minimum Label Length	Feed Rate	Electrical Requirements	Weight
LAP65-30	3.93″ (100mm)	1″ (25mm)	1.20″ (30mm)	.75″ (19mm)	2.36″ (60mm)	.78″ (20mm)	N/A	N/A	11.2 oz (318 g)
LAP65-60	3.93″ (100mm)	1″ (25mm)	2.36″ (60mm)	1″ (25mm)	2.36″ (60mm)	.78″ (20mm)	N/A	N/A	13.1 oz. (372 g)
LAP65-100	3.93″ (100mm)	1″ (25mm)	3.96″ (100mm)	2.15″ (55mm)	2.36″ (60mm)	.78″ (20mm)	N/A	N/A	15.0 oz (425 g)
LA70	5.9″ (125mm)	1″ (25mm)	2.56″ (65mm)	.59″ (15mm)	6″ (152mm)	.78″ (20mm)	3.15″/sec (80mm /sec)	LA70-1 : 120V 50/60Hz LA70-2 : 220V 50/60Hz	21.4 oz w/ battery (610g w/ battery)

MODEL #	Max. Liner Width	Max. Lever Stroke	Max. Outside Roll Diameter	Core	Dimensions	Weight
LDM080	3.15″ (80mm)	10″ (254mm)	9″ (229mm)	3″ (75mm)	15 x 6 x 5.5″ (281 x 252 x 140mm)	2 lbs (1kg)

- Adjustable strip plate for hard-to-release die-cut parts
- Will accommodate core sizes of 1″ (25mm) and 3″ (76mm), other sizes optional
- Can dispense paper, polyester, vinyl, acetate, foil, foam, etc.
- Automatically rewinds liner scrap for a cleaner working environment
- Liner scrap is easily removed
- No tools required for adjusting to different size die-cut parts
- No maintenance required
- For Clear die-cuts please select Model # DC5100C
- For Black adhesive or Metallic (reflective adhesive) die-cuts please select Model # DC5100R

For 220V machines, please add "-2" to the end of the model number. (Example: DC5100-2)

Dispense Virtually
Any Size, Shape, or Material
of Die-Cut Parts

DC5100

4.5″ (114mm) Wide – Electric Die-Cut Part Dispenser "High Speed"

- Ideal for virtually any shape, size, and material die-cut part
- Automatically peels and advances die-cut parts
- Photosensor accuracy and reliability
- All metal construction
- High torque motor for large diameter die-cut rolls
- Will dispense die-cut parts from .25″ to 4.5″ (6 to 114mm) in width
- Will dispense die-cut parts from .50″ to 6″ (13 to 152mm) in length

MODEL #	Liner Width	Length	Roll Capacity	Feed Speed	Dimensions	Electrical Requirements	Weight
DC5100	.25 to 4.5″ (6 to 114mm)	.50 to 6″ (13 to 152mm)	12″ (31cm)	3.3″/sec * (8cm/sec)	10.8″ (L) x 10.8″ (W) x 14.5″ (H) 27.4cm (L) x 27.4cm (W) x 36.8cm (H)	100/120V 50/60Hz, <1 amp (220V 50/60Hz available)	11 lbs (4.95 kg)

*speed calculated at 60Hz

START International

VERSATILITY
Heavy-duty and light-duty machines cut a wide variety of non-adhesive materials

EFFICIENCY
High-speed operation can cut up to 140 pieces per minute on some machines

PRECISION
Accurately cut each piece to a preprogrammed length

Look for the START holographic seal to ensure product authenticity!

Automatic and
User Friendly

Add'l info for **TBC50**

- Easily programmed and operated - set length, quantity and feed speed; then press start
- Automatic shut-off feature stops power if material runs out during operation
- Adjustable pressure on feed roller for thin or smooth materials
- Stepper motor ensures accuracy
- HSS (high speed steel) cutting blade
- Safety guard protects operator from cutting mechanism
- No tooling required to cut different materials

Add'l info for **TBC50-H**

- Adjustable temperature control
- Easily programmed and operated - set length, quantity and feed speed; then press start
- Automatic shut-off feature stops power if material runs out during operation
- Adjustable pressure on feed roller for thin or smooth materials
- Stepper motor ensures accuracy
- HSS (high speed steel) cutting blade
- Safety guard protects operator from cutting mechanism
- No tooling required to cut different materials

For 220V machines, please add "-2" to the end of the model number. (Example: TBC50-2)

TBC50

Heavy-Duty Non-Adhesive Material Cutter

- Automatically dispenses, measures and cuts non-adhesive materials
- Ideal for heavy production to cut tubing, sleeving, Nomex®, Velcro®, Ribbon, etc.
- Cut up to 4.3" (110 mm) wide material or multiple rolls
- High speed operation cuts up to 140 pieces per minute at 2" (50 mm) in length

TBC50-H

Heavy-Duty Non-Adhesive Material HOT Cutter

- Automatically dispenses, measures and cuts with a heat seal non-adhesive materials prone to fraying
- Ideal for heavy production to cut ribbon material, belting, webbing, sleeving, strapping, rope, etc.
- Cuts up to 3.54" (90mm) wide material or multiple rolls
- High speed operation cuts up to 140 pieces per minute at 2" (50mm) in length

TBCFEEDER

Material Feeder for the TBC50 Series Non-Adhesive Cutters

- For use with the TBC50 cutter series to reduce drag and slippage of material while advancing
- All electric, high speed and auto adjusting for slack in material
- Feeds materials up to 4.33" (110mm) wide
- Automatic shut-off - stops automatically if material runs out during operation
- No tooling required to feed different materials
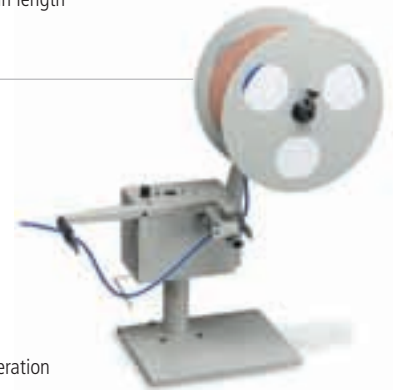
MODEL #	Max. Width Cut	Length Cut	Max. Material Thickness*	Feed Speed	Accuracy*	Max. Outside Dia. of Roll	Length and Count Settings	Feed and Cut	Dimensions	Weight
TBC50	4.3" (110mm)	.04 to 394" (1 to 9999mm)	0.25" (6mm)	105' (32m) / min. 21" (53cm) / sec.	±0.04" (1mm)	18" (487mm)	digital	automatic	16.5"(L) x 12.6"(W) x 18.9"(H) 420mm(L) x 320mm(W) x 480mm(H)	39 lbs (17.5 kg)
TBC50H	3.54" (90mm)	.60 to 394" (15 to 9999mm)	0.25" (6mm)	105' (32m) / min. 21" (53cm) / sec.	±0.04" (1mm)	18" (487mm)	digital	automatic	32.3"(L) x 14.6"(W) x 15"(H) 820mm(L) x 370mm(W) x 380mm(H)	47 lbs (21.3 kg)
TBCFEEDER	4.3" (110mm)	N/A	N/A	adjustable	N/A	18" (487mm)	N/A	N/A	30"(L) x 13.4"(W) x 8.7"(H) 740mm(L) x 340mm(W) x 220mm(H)	16 lbs (7.3 kg)

Electrical requirements: TBC50/TBC50H: 120V 50/60Hz (230V 50/60Hz available), TBCFEEDER: 115 or 220V 50/60Hz, <2amps Switchable   *dependent on material being cut

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TBC50-S

Heavy-Duty Non-Adhesive Material Cutter with Photosensor Accuracy

- Automatically dispenses and cuts labels (fabric, plastic, paper or metal)
- Photosensor ensures precision cutting
- Cut up to 4.33″ (100mm) wide material or multiple rolls
- High speed operation cuts up to 140 pieces per minute at 2″ (50mm) in length

TBC50-SH

Heavy-Duty Non-Adhesive Material Cutter

- Automatically dispenses, measures and cuts non-adhesive materials
- Ideal for heavy production to cut tubing, sleeving, Nomex®, Velcro®, Ribbon, etc.
- Cut up to 3.54″ (90mm) wide material or multiple rolls
- High speed operation cuts up to 140 pieces per minute at 2″ (50mm) in length

- Automatic shut-off feature stops power if material runs out during operation
- Easily programmed and operated - set length, quantity and feed speed; then press start
- Adjustable pressure on feed roller for thin or smooth materials
- Stepper motor ensures accuracy
- HSS (high speed steel) cutting blade
- Safety guard protects operator from cutting mechanism
- No tooling required to cut different materials

TBC50-HX

Heavy-Duty Non-Adhesive Material ANGLED Cutter with HOT Knife

- Ideal for ribbon, fabric labels, or other materials prone to fraying that need to be heat sealed
- Automatically dispenses, measures and cuts an angle with a heat seal non-adhesive materials
- Cuts up to 1.1″ (30mm) wide material or multiple rolls
- High speed operation cuts up to 140 pieces per minute at 2″ (50mm) in length

TBC520-L

Heavy-Duty Non-Adhesive Material Cutter for Wide Materials

- Automatically dispenses, measures and cuts wide non-adhesive materials
- Ideal for heavy production to cut tubing, sleeving, Nomex®, Velcro®, ribbon, etc.
- Cut up to 8.26″ (210mm) wide material or multiple rolls
- High speed operation cuts up to 140 pieces per minute at 2″ (50mm) in length

Suggested accessory:
TBCFEEDER

See Pg. 24

For 220V machines, please add "-2" to the end of the model number. (Example: TBC50-SH-2)

MODEL #	Max. Width Cut*	Length Cut	Max. Material Thickness*	Feed Speed	Accuracy*	Max. Outside Dia. of Roll	Length and Count Settings	Feed and Cut	Dimensions	Weight
TBC50	4.33″ (110mm)	.04 to 394″ (1 to 9999mm)	0.25″ (6mm)	.105′ (32m) / min. 21″ (53cm) / sec.	±0.04″ (1mm)	18″ (487mm)	digital	automatic	16.5″(L) x 12.6″(W) x 18.9″(H) 420mm(L) x 320mm(W) x 480mm(H)	39 lbs (17.5 kg)

Electrical requirements: TBC50/TBC50H: 120V 50/60Hz (230V 50/60Hz available), TBCFEEDER: 115 or 220V 50/60Hz, <2amps switchable   *dependent on material being cut
For specialty models, please call or visit www.startinternational.com for complete specifications

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- Photocell actuated feed & cut or push-button feed & cut
- Guillotined cut for a straight cuts
- LED Digital length adjustment
- Manual override of preset lengths
- Blades good for up to 200,000 cuts (dependent on type of material)
- Steel frame for durability
- Cabinet made from flame retardant antistatic composite (auto ignition of 896° F/ 480°C)
- Comes with a 3-in-1 core (1″ (25mm), 1.4″ (35mm), 3″ (76mm))
- Accuracy of cut length is +/– .04″ (1mm) (dependent on type of material)
- Many available accessories fit this machine. See Accessories section.

ZCM1500W

Electronic Light-Duty Non-Adhesive Cutter

- Ideal for low production of repetitive cutting of non-adhesive materials such as heat-shrink tubing
- Program a defined length and automatically advance and cut material
- Accepts widths up to 2″ (51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

ZCM2500

Electronic Light-Duty Non-Adhesive Cutter with Safety Guard Cutter

- Ideal for low production of repetitive cutting of non-adhesive materials such as heat-shrink tubing
- Program a defined length and automatically advance and cut material
- Accepts widths up to 2″ (51mm)
- Cuts tape lengths from .79″ to 39″ (20 to 999mm)

For 220V machines, please add "-2" to the end of the model number. (Example: ZCM1500W-2)

MODEL #	Max. Width Cut*	Length Cut	Max. Outside Dia. of Roll	3-in-1 Core Holder	Display	Accuracy of Cut	Cutter	Safety Guard	Auto Feed	Weight	Dimensions
ZCM1500W	up to 2″ (51mm)	.79 to 39″ (20 to 999mm)	7″ (178mm)	1″, 1.4″, 3″ (25, 35, 76mm)	3 digit (LED)	±0.04″ (1mm)	automatic	N/A	yes	5.1 lbs (2.3 kg)	5.4″(L) x 9.7″(W) x 5.9″(H) 137mm(L) x 245mm(W) x 150mm(H)
ZCM2500	up to 2″ (51mm)	1.18 to 39″ (30 to 999mm)	7″ (178mm)	1″, 1.4″, 3″ (25, 35, 76mm)	3 digit (LED)	±0.04″ (1mm)	automatic	yes	yes	5.5 lbs (2.5 kg)	5.4″(L) x 9.8″(W) x 6.2″(H) 137mm(L) x 249mm(W) x 156mm(H)

Electrical requirements: 117V 50/60Hz, <1 amp (220V 50/60Hz available)   *dependent on the thickness and hardness of the material to be cut

Let START test your material on our machines to ensure compatibility

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S T A R T
International

How can START improve
your bottom line?

Look for START's official seal to ensure that you're getting START's trusted quality to begin increasing productivity, saving money, and adding value to your company.

START
Producing

With our dispensers, you can automatically increase your productivity:

- Eliminate the laborious process of manually peeling labels from their liner.
- Eliminate manually measuring and cutting every piece of tape.
- Let START's dispensers do all of this for you.

START
Saving

A company needs to save money and make money with any manufacturing investment. Contact START to perform a Cost Justification study on your processes. Let us show you just how much money will be saved and made with our electric tape or label dispensers.

START
Adding Value

Every dispenser packs multiple features to enhance your process as well as your end product. With every piece of tape or label dispensed, you gain:

- Increased productivity
- Reduced material costs
- Reduced labor costs
- Material consistency
- Less material waste
- Neat, presentable products
- Increased integrity of adhesives
- Reduced operator fatigue
- A cleaner, safer workspace

START
Reducing Injuries

Using START's semi-automatic tape and label dispensers reduces exposure to conditions such as de Quervain's disease and Trigger Finger. Both of these conditions result in painful inflammation of tendons of the hands and fingers. Protect your employees and their health, and protect yourself from costly worker's compensation claims.

Two of the most common injury areas for end users

ELECTRONIC TAPE DISPENSER – QUICK REFERENCE CHART

MODEL #	Tape Width	Cut Length	Programmable Memory	Max. Outside Diam. Of Roll	Tape Cutter	Weight	Page #
TDA025	.12 - .98" (3 - 25mm)	.47 - 2.36" (12 - 60mm)	1	5.1" (130mm)	Automatic	6.2 lbs (2.75kg)	9
TDA080	.25 - 3.15" (6 - 80mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	23 lbs (10.4kg)	6
TDA080K	.5 - 3.15" (12 - 80mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	23 lbs (10.4kg)	7
TDA080LAM	.25 - 2" (6 - 50mm)	1.6 - 394" (40 - 9999mm)	1	6" (152mm)	Automatic	30.2 lbs (13.7kg)	7
TDA080LR	.25 - 2" (6 - 50mm)	1.6 - 394" (40 - 9999mm)	1	6" (152mm)	Automatic	30.2 lbs (13.7kg)	7
TDA080NM	.25 - 3.15" (6 - 80mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	23 lbs (10.4kg)	7
TDA080NS	.25 - 3.15" (6 - 80mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	24 lbs (10.8kg)	7
TDA080PS	.25 - 3.15" (6 - 80mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	24 lbs (10.8kg)	20
TDA150	.25 - 5.9" (6 - 150mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	36.6 lbs (16.6kg)	8
TDA150NM	.25 - 5.9" (6 - 150mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	36.6 lbs (16.6kg)	8
TDA150PS	.25 - 5.9" (6 - 150mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	36.6 lbs (16.6kg)	8
TDA150NS	.25 - 5.9" (6 - 150mm)	1.6 - 394" (40 - 9999mm)	1	9" (251mm)	Automatic	36.6 lbs (16.6kg)	8
ZCM0800	.25 - 1" (6 - 25mm)	1.18, 1.77, & 3.54" (30, 45, 90mm)	3	5.3" (135mm)	Manual	2.5 lbs (1.25kg)	10
ZCM0900	.25 - 1" (6 - 25mm)	1.2 - 3.75" (30 - 95mm) in 5mm intervals	14	5.3" (135mm)	Manual	2.5 lbs (1.25kg)	10
ZCM1000	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	3
ZCM1000B	.125 - 1" (3 - 25mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1000C	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1000D	.28 - 2" (7 - 51mm)	.2 - 39" (5 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1000E	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1000K	.5 - 1.1" (12 - 28mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1000NM	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1000T	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM1100	.28 - 2" (7 - 51mm)	1.2 - 39" (30 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	5
ZCM1100B	.125 - 1" (3 - 25mm)	1.2 - 39" (30 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	5
ZCM1100K	.5 - 1.1" (12 - 28mm)	1.2 - 39" (30 - 999mm)	1	7" (178mm)	Automatic	5.3 lbs (3.4kg)	5
ZCM2000	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2000B	.125 - 1" (3 - 25mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2000C	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2000E	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2000K	.5 - 1.1" (12 - 28mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2000NM	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2000T	.28 - 2" (7 - 51mm)	.79 - 39" (20 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	4
ZCM2200	.28 - 2" (7 - 51mm)	1.18 - 39" (30 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	5
ZCM2200B	.125 - 1" (3 - 25mm)	1.18 - 39" (30 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	5
ZCM2200K	.5 - 2" (13 - 51mm)	1.18 - 39" (30 - 999mm)	3	7" (178mm)	Automatic	5.3 lbs (3.4kg)	5
ZCM3000	.28 - 3" (7 - 76mm)	1.57 - 39" (40 - 999mm)	3	8" (203mm)	Automatic	12.8 lbs (5.8kg)	8
ZCUT3060	.59 - 2.36" (15 - 60mm)	1.97 - 39" (50 - 999mm)	1	7.8" (200mm)	Automatic	25.3 lbs (11.5kg)	9
ZCUT3080	.59 - 3.15" (15 - 80mm)	1.97 - 39" (50 - 999mm)	1	7.8" (200mm)	Automatic	26.5 lbs (12kg)	9
ZCUT3150	.59 - 5.9" (15 - 150mm)	1.97 - 394" (50 - 9999mm)	1	7.8" (200mm)	Automatic	39.7 lbs (18kg)	9
ZCUT3250	.59 - 9.84" (15 - 250mm)	1.97 - 394" (50 - 9999mm)	1	7.8" (200mm)	Automatic	47.4 lbs (21.5kg)	9

- ZCM0800 and ZCM0900 can operate on either batteries or the optional AC adaptor.
- For complete product specifications, see page # on right column.
- For 220V machines, please add "-2" to the end of the model number. (Example: ZCM1000-2)

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ELECTRIC LABEL DISPENSER – QUICK REFERENCE CHART

MODEL #	Liner Width	Label Length	Maximum Roll Capacity	Feed Speed	Weight	Page #
LD2000	.25 - 2.25" (6 - 57mm)	.25 - 3" (6 - 76mm)	6" (152mm)	2.2" (6.6cm) per sec.	2 lbs (.9kg)	17
LD5000	.25 - 4.5" (6 - 115mm)	.125 - 6" (3 - 152mm)	12" (305mm)	1.6" (3.9cm) per sec.	10.5 lbs (4.76kg)	18
LD5100	.25 - 4.5" (6 - 114mm)	.5 - 6" (13 - 152mm)	12" (305mm)	3.3" (8cm) per sec.	10.5 lbs (4.76kg)	17
LD5500	.25 - 5" (6 - 127mm)	.5 - 12" (13 - 305mm)	12" (305mm)	3.9" (10cm) per sec.	24.5 (11kg)	19
LD7000	.25 - 7" (6 - 178mm)	.5 - 6" (13 - 152mm)	9" (229mm)	3.3" (8cm) per sec.	11.3 lbs (5.12kg)	18
LD7500	.25 - 8" (6 - 203mm)	.5 - 12" (13 - 305mm)	12" (305mm)	3.9" (10cm) per sec.	18.4 lbs (8.3kg)	19
DC5100	.25 - 4.5" (6 - 114mm)	.5 - 6" (13 - 152mm)	12" (305mm)	3.3" (8cm) per sec.	10.5 lbs (4.76kg)	22
LDHANGTAB	.25 - 4.5" (6 - 114mm)	.125 - 6" (3 - 152mm)	16" (406mm)	1.6" (3.9cm) per sec.	10.5 lbs (4.76kg)	20

• For complete product specifications, see page # on right column.
• For 220V machines, please add "-2" to the end of the model number. (Example: LD5100-2)

NON-ADHESIVE CUTTER – QUICK REFERENCE CHART

MODEL #	Maximum Width Cut	Maximum Cut Length	Max. Outside Thickness	Diam. Of Roll	Feed Speed	Weight	Page #
ZCM1500W	2" (51mm)	.79 - 39" (20 - 999mm)		7" (178mm)		5.1 lbs (2.3kg)	26
ZCM2500	2" (51mm)	1.18 - 39" (30 - 999mm)		7" (178mm)		5.5 lbs (2.5kg)	26
TBC50	4.33" (110mm)	.04 - 394" (1 - 9999mm)	.25" (6mm)	18" (457mm)	105 ft (32m) per min., 21" (43cm) per sec.	39 lbs (17.5kg)	24
TBC50-S	4.33" (110mm)	.04 - 394" (1 - 9999mm)	.25" (6mm)	18" (457mm)	105 ft (32m) per min., 21" (43cm) per sec.	39 lbs (17.5kg)	25
TBC50-SH	3.54" (90mm)	.60 - 394" (15 - 9999mm)	.25" (6mm)	18" (457mm)	105 ft (32m) per min., 21" (43cm) per sec.	39 lbs (17.5kg)	25
TBC50-HX	1.1" (30mm)	.60 - 394" (15 - 9999mm)	.25" (6mm)	18" (457mm)	105 ft (32m) per min., 21" (43cm) per sec.	39 lbs (17.5kg)	25
TBC50-H	3.54" (90mm)	.60 - 394" (15 - 9999mm)	.25" (6mm)	18" (457mm)	105 ft (32m) per min., 21" (43cm) per sec.	47 lbs (21.3kg)	24
TBC520-L	8.26" (210mm)	.04 - 394" (1 - 9999mm)	.25" (6mm)	18" (457mm)	105 ft (32m) per min., 21" (43cm) per sec.	39 lbs (17.5kg)	25

• For complete product specifications, see page # on right column.

• For 220V machines, please add "-2" to the end of the model number. (Example:TBC50-2)

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ACCESSORIES

ZFOOTSWITCH

Foot Switch
- Allows operator to advance material without pressing the button on the dispenser
- For the TDA080 series, order Part # TDA080PFS
- For the ZCM1000 series, order Part # ZFOOTSWITCH

ZCM1000PCR

Creaser
- Creaser for tapes that have a tendency to curl or are flimsy such as Kapton® tape
- Designed for the ZCM1000 series, ZCM1100, ZCM2000 series, and the ZCM2200
- Creaser will not crease tape narrower than .5" (13mm) in width

ZCM1000P550E

Dual Cutting Head with Reel
- Dual Sensor Cutting Head (2 photosensors)
- Allows for the dispensing of two (2) rolls of tape
- Feeds and cuts when both pieces of tape are removed

ZCM1000P110

1.5" Diameter Tape Core Holder
- Individual core holder for use with smaller inside diameter cores
- Designed for the ZCM1000 series, ZCM1100, ZCM2000 series, and the ZCM2200

ZCM1000P025

Liner Remover
- Removes bottom liner from double coated or metal tapes
- 1" (25mm) maximum width
- Designed for the ZCM1000 series, ZCM1100, ZCM2000 series, and the ZCM2200

ZCM1000P026

Reel Stand
- Allows for larger diameter rolls to be dispensed
- Up to 9.45" (240mm) in diameter
- Designed for the ZCM1000 series, ZCM1100, ZCM2000 series, and the ZCM2200

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TDSTAND03

3" Wide External Reel Stand

- 3" (76mm) maximum width
- Up to 20" (508mm) diameter rolls
- Allows for larger diameter rolls of tape or labels to be dispensed
- Use for labels, tape, and non-adhesive materials

TDSTAND08

8" Wide External Reel Stand

- 8" (203mm) maximum width
- Up to 20" (508mm) diameter rolls
- Allows for larger diameter rolls of tape or labels to be dispensed
- Use for labels, tape, and non-adhesive materials

TDLR050B

Universal Liner Remover

- Peels and winds liner from tape or labels
- 6" (152mm) outside roll diameter
- Up to 2" (51mm) in tape width
- Uses a 3" (76mm) core
- Can function in conjunction with the ZCM1000 series, ZCM1100, ZCM2000 series, and the ZCM2200

LDPBATTERY

Rechargeable External Battery Pack

- For use with the LD2000 and the LR4500
- Allows for portable use of the LD2000 and the LR4500
- 12V 7.2AH rechargeable battery
- Charge life: 2-3 shifts; Battery life: 3-5 years
- Charger sold seperately: Part no. LDPBATTERY-CH

LDPBATTERY-CH

Battery Charger for LDPBATTERY

- START specific charger for the LDPBATTERY External Battery Pack
- Order Part No. LDPBATTERY-CH-2 FOR 220V

Please refer to our website for the latest products and specifications. Specifications are subject to change without notice. 31

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Material Evaluation Form

* * * PLEASE Copy this form and fill out completely * * *

Why fill this form out? START International offers a free service to recommend the best solution to fit your application. We will test your material and recommend a product to fit your application needs. We do this to build your confidence in our equipment and to earn you as a customer of START International.

Name: _____ Company: _____

Address: _____ City: _____ State:_____ Zip:_____ Country:_____

Tel: _____ Fax:_____ Email: _____

Preferred Type of Equipment: (check all that apply)

If you would like us to do testing on a specific machine, fill in here: _____

❏ Manual Tape Dispenser   ❏ Electronic Tape Dispenser   ❏ Gummed Tape Dispenser   ❏ Specialty Application

❏ Electric Label Dispenser   ❏ Bottle Labeler   ❏ Hand-Held Label Applicator   ❏ Non-Adhesive Cutter

Please Describe the Following: (if applicable)

Process being performed:_____

Present process time: _____ Desired Process time: _____

**Required Cut Length(s) and Tolerance(s):_____
(Tape Dispenser and Non-Adhesive Cutter Only)

Type of Tape (material, width, brand):_____

Type of Label / Die-Cut Part (material, size, brand):_____

Is the material spooled ❏ or loose ❏ . For spooled, what is the weight of the spool including material? _____
(Non-Adhesive Cutter Only)

Diameter of Bundle (TDWW only): _____

Number of Pieces used Per Shift: _____ Per Day: _____

Type of Environment used in:_____

Please include other important application information: _____

_____

_____

Please COPY this form and mail along with your sample material (minimum 6') to:

Attn. Technical Services

START International

4270 Airborn Drive

Addison, TX 75001

U.S.A.

START™ International

Productivity in your backyard and at your fingertips.

General Information

START International
4270 Airborn Dr.
Addison, TX 75001, U.S.A.

Toll-Free (US and Canada)	800.259.1986
Telephone	972.248.1999
Fax	972.248.1991
Email	info@startinternational.com
Website	www.startinternational.com

Office hours: 8am-5pm CST (Central Standard Time) Monday – Friday

START Japan Corporation
1-26-14 Toshin-Cho
Itabashi-ku
Tokyo, Japan

Telephone	81.3.3554.5608
Fax	81.3.5966.9591
Email	japan@startinternational.com
Website	www.startinternational.com

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Unless instructed otherwise, orders are shipped UPS® Ground. We prepay and add shipping charges to your order. Motor freight shipments are F.O.B. shipping point, freight collect.

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Orders are shipped FedEx® or UPS®, as per customer request. We prepay and add shipping charges to your order.

INTERNATIONAL CUSTOMERS
START International welcomes its global customers. Payment methods include a wire transfer or credit card. Please contact us by telephone, email or fax for more information.

TECHNICAL ASSISTANCE
We are happy to help you in choosing the correct machine to fit your needs. It is strongly recommended that all materials (tape, labels, die-cut parts, tubing, etc.) be tested prior to purchase. We will test any material sent to our office for proper function and warrant the machine for the specific use intended.

Please make a copy of the Material Evaluation Form on the previous page.   Complete the form and send it in with your material to be tested. We will provide you with a written copy of the test results of your material and recommend a product to fit your needs. Photos and videos of evaluation will be provided on request.

RETURNS AND EXCHANGES
We guarantee that our products will perform to the published specifications. Please contact customer service for a Return Materials Authorization (RMA) within 15 days of receipt of machine if a return or exchange is required.   Packages without prior authorization may be refused.

All returns must be shipped prepaid, in manufacturer's original packaging, in "as-new" condition and are subject to inspection for damage or misuse prior to issuance of credit. We do not accept returns on special orders. Restocking fees may apply. Goods must be received by START in "as-new" condition within 7 days of issuing the RMA.

WARRANTIES
START International warrants all products against defects in design, materials and workmanship.

Call for detailed information on specific models.

STARTᵀᴹ
International

START INTERNATIONAL
4270 Airborn Drive
Addison, TX 75001, USA
Toll Free 800.259.1986
Tel 972.248.1999
Fax 972.248.1991
info@startinternational.com

START JAPAN CORPORATION
1-26-14 Toshin-Cho
Itabashi-ku
Tokyo, Japan
Tel 81.3.3554.5608
Fax 81.3.5966.9591
japan@startinternational.com

www.startinternational.com

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