

# **CHAMPION**

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## **CASE SEALING MACHINES**



***First in Case Sealing Performance***

**Internet Packaging Products & Systems Inc.**

## SD720-20-2 Case Sealer - Adjustable Uniform-Semi Automatic



Champion model SD720-20-2 is an extremely versatile, operator friendly side belt drive uniform semi automatic case sealer; featuring high torque gear motors, heavy duty performance proven tape heads, precise lead screw adjustments, modular top housing for specialty and offset taping, roller bed conveyor, powder coated finish and welded modular construction. Machine set-up adjustments and electrical controls facilitate left or right hand operation, the conveyor bed height is adjustable form 18" to 26" add 6" inches to height when using casters, 2 inch tape heads are standard, 3 inch tape heads are optional (Model No. SD720-20-3).

### INCLUDED MACHINE ACCESSORIES

- In-feed Conveyor Table
- Stainless Steel In-feed Guides
- Case Compression Rollers
- Exit Conveyor Table
- Heavy Duty Locking Casters

<b>Minimum Case Size</b> 4.75"L x 4"W x 4.75"H (Custom carton sizes available)	<b>Maximum Case Size</b> ~ L x 20"W x 20"H (Custom carton sizes available)
<b>Electricity Required</b> 120 Volt 60 Hz 10 Amp	<b>Processing Speed</b> 77 Feet per minute
<b>Machine Dimensions</b> 67.5"L x 33.5"W x 53.25"H (Length includes tables)	<b>Machine Shipping Weight</b> 385 lbs. (includes pallet)

## SD727-27-2 Oversize Case Sealer - Adjustable Uniform-Semi Automatic



Champion model SD727-27-2 is an extremely versatile operator friendly side belt drive uniform oversize semi automatic case sealer, featuring high torque gear motors, heavy duty performance proven tape heads, precise lead screw adjustments, modular top housing for specialty and offset taping, roller bed conveyor, powder coated finish and welded modular construction. Machine set-up adjustments and electrical controls facilitate left or right hand operation, the conveyor bed height is adjustable form 22" to 30" add 6" inches to height when using casters, 2 inch tape heads are standard, 3 inch tape heads are optional (Model No. SD727-27-3).

### INCLUDED MACHINE ACCESSORIES

- In-feed Conveyor Table
- Stainless Steel In-feed Guides
- Case Compression Rollers
- Exit Conveyor Table
- Heavy Duty Locking Casters

<b>Minimum Case Size</b> 4.75"L x 4"W x 4.75"H (Custom carton sizes available)	<b>Maximum Case Size</b> ~L x 27"W x 27"H (Custom carton sizes available)
<b>Electricity Required</b> 120 Volt 60 Hz 10 Amp	<b>Processing Speed</b> 77 Feet per minute
<b>Machine Dimensions</b> 67.5"L x 37"W x 55.75"H (Length includes tables)	<b>Machine Shipping Weight</b> 450 lbs. (includes pallet)

## TB820-20-2 Case Sealer-Adjustable Uniform-Semi Automatic



Champion TB820-20-2 case sealer is an operator friendly top and bottom belt drive uniform semi automatic case sealer ideal for processing "tall unstable" and "void fill" cases. Featuring high torque gear motors, heavy duty performance proven tape heads, precise lead screw adjusted top tape head, low profile case guides, roller bed conveyor, powder coated finish and welded modular construction. Machine set-up adjustments and electrical controls facilitate left or right hand operation, the operating height is adjustable form 18" to 26" add 6" inches to height when using casters. 2 inch tape heads are standard

### INCLUDED MACHINE ACCESSORIES

- In-feed Conveyor Table
- Case Compression Rollers
- Exit Conveyor Table
- Heavy Duty Locking Casters

<b>Minimum Case Size</b> 4.75"L x 6"W x 4.75"H (Custom carton sizes available)	<b>Maximum Case Size</b> ~ L x 20"W x 20"H (Custom carton sizes available)
<b>Electricity Required</b> 120 Volt 60 Hz 10 Amp	<b>Processing Speed</b> 77 Feet per minute
<b>Machine Dimensions</b> 64.5"L x 29.75"W x 57.25"H (Length includes tables)	<b>Machine Shipping Weight</b> 385 lbs. (includes pallet)

## SD720-2-BF Case Erector-Uniform Bottom Sealer-Adjustable-Semi Automatic



\*Shown with optional Minor Flap Folding Shoe

Champion SD720-2-BF is a uniform semi automatic side belt drive case sealer used for closing and sealing the bottom only flaps of regular slotted cases, this machine provides a self contained work cell for batch or continues case set-up operations. Features include high torque gear motors, extended side belt drives, one heavy duty performance proven tape head, precise lead screw adjustment, roller bed conveyor, powder coated finish and welded modular construction. Machine adjustment and electrical controls facilitate right or left hand operation, the operating height is adjustable from 18" to 26" add 6" inches to height when using casters, one bottom 2" tape head is standard.

### AVAILABLE OPTIONS

- Customized stainless steel t-rails and plows
- Custom operator pack stations
- Adjustable rear minor flap deflector
- Standard length side belt drives
- Champion CHD 503-3 tape head

<b>Minimum Case Size</b> 4.75"L x 4"W x 2"H (Custom carton sizes available)	<b>Maximum Case Size</b> ~ L x 20"W x ~H (Custom carton sizes available)
<b>Electricity Required</b> 120 Volt 60 Hz 10 Amp	<b>Processing Speed</b> 77 Feet per minute
<b>Machine Dimensions</b> 92"L x 33.5"W x 53.25"H (Length includes tables)	<b>Machine Shipping Weight</b> 450 lbs. (includes pallet)

Available as model SD720-20-2PS uniform semi-auto2matic case sealer pack station

## SDR724-24-2 Case Sealer-Random-Semi Automatic



Champion model SDR724-24-2 is a random semi automatic side belt drive case sealer that automatically adjust to the width and height of the case being sealed, for maximum case processing production the SDR724-24-2 has **two PLC controlled pre-select operation modes**. Additional features include high torque gear motors, heavy duty performance proven tape heads, roller bed conveyor, powder coated finish and welded modular construction, machine controls facilitate right or left hand operation, the operating height is adjustable form 22" to 30" add 6" to height when using casters, 2 inch tape heads are standard, 3 inch tape heads are optional (Model No. SDR724-24-3).

### TECHNICAL SPECIFICATIONS

- Heavy duty gear motors with parallel shaft helical gears
- Each gear motor has internal thermal overload protection
- Premium electrical components
- PLC controller with interface capacity
- Electromagnetic stabilizing clutch
- Operation controlled with defuse and proximity sensors
- Cylinders and valves are manufactured to ISO standards
- Precision ground shafting with recirculating ball-bushings

<b>Minimum Case Size</b>	<b>Maximum Case Size</b>
6"L x 4"W x 4.75"H (Custom carton sizes available)	~ L x 24"W x 24"H (Custom carton sizes available)
<b>Electricity Required</b>	<b>Processing Speed</b>
120 Volt 60 Hz 10 Amp	77 Feet per minute
<b>Machine Dimensions</b>	<b>Machine Shipping Weight</b>
45.5"L x 40.5"W x 61"H (Length <b>does not</b> include optional tables)	630 lbs. (includes pallet)

## TBR820-20-2 Case Sealer-Random-Semi Automatic



Champion TBR820-20-2 is a random semi automatic top and bottom belt drive case sealer that automatically centers the case and adjusts for the height of the case being sealed, this machine is ideal for processing "Tall Unstable" and "Void Fill" cases. For maximum case processing production the TBR820-20-2 has **two PLC controlled pre-select operation modes**. Additional features include high torque gear motors, heavy duty performance proven tape heads, roller bed conveyor, powder coated finish and welded modular construction, machine controls facilitate right or left hand operation, the operating height is adjustable form 22" to 30" add 6" to height when using casters, 2 inch tape heads are standard, 3 inch tape heads are optional (Model No. TBR820-20-3).

### TECHNICAL SPECIFICATIONS

- Heavy duty gear motors with parallel shaft helical gears
- Each gear motor has internal thermal overload protection
- Premium electrical components
- PLC controller with interface capacity
- Electromagnetic stabilizing clutch
- Operation controlled with defuse and proximity sensors
- Cylinders and valves are manufactured to ISO standards
- Precision ground shafting with recirculating ball-bushings

<b>Minimum Case Size</b>	<b>Maximum Case Size</b>
6"L x 6"W x 4.75"H (Custom carton sizes available)	~ L x 20"W x 20"H (Custom carton sizes available)
<b>Electricity Required</b>	<b>Processing Speed</b>
120 Volt 60 Hz 10 Amp	77 Feet per minute
<b>Machine Dimensions</b>	<b>Machine Shipping Weight</b>
46"L x 36.5"W x 61.5"H (Length <b>does not</b> include optional tables)	525 lbs. (includes pallet)

# SDFC724-2020-2 Case Sealer-Adjustable-Fully Automatic

Champion SDFC724-2020-2 is a uniform fully automatic top flap folding, top and bottom case sealing machine for automatically process uniform (RSC) regular slotted cases which are centered on a motorized in-feed conveyor, an offset sensing and gate indexing system automatically sequences cases, a parallel plane rear flap folder and universal quick-change plow system maximize flap folding and closing efficiency, the case folding and sealing adjustments are interlocked for fast accurate set-up. Additional features include high torque gear motors, heavy duty performance proven tape heads, precise lead screw adjustments, case compression rollers, modular top housing for specialty and offset taping, roller bed conveyor, powder coated finish and welded modular construction. Machine set-up adjustments and electrical controls facilitate left or right hand operation, the conveyor bed height is adjustable form 22" to 30" add 6" inches to height when using casters, 2 inch tape heads are standard, 3 inch tape heads are optional (Model No. SDFC724-2020-3).



Available in Stainless Steel

<b>Minimum Case Size</b> 4.75" L x 4"W x 4.75"H (Custom carton sizes available)	<b>Maximum Case Size</b> 24" L x 20"W x 20"H (Custom carton sizes available)
<b>Electricity Required</b> 120 Volt 60 Hz 10 Amp	<b>Processing Speed</b> 77 Feet per minute
<b>Machine Dimensions</b> 77"L x 35"W x 67"H (Length <b>does not</b> include optional tables)	<b>Machine Shipping Weight</b> 750 lbs. (includes pallet)

## TECHNICAL SPECIFICATIONS

- Heavy duty gear motors with parallel shaft helical gears
- Each gear motor has internal thermal overload protection
- Premium electrical components
- PLC controller with interface capacity
- Cylinders and valves are manufactured to ISO standards
- Precision lead-screw adjustments
- Synchronized flap folding and case sealer height adjustment

# SD720-20-2-SS *Stainless Steel Case Sealer-Adjustable Uniform-Semi Automatic*

Champion SD720-20-2-SS is an extremely versatile, operator friendly side belt drive uniform semi automatic case sealer, manufactured in T-304 stainless steel. This case sealer is ideal for pharmaceutical manufactures, health care products and for applications where machine wash down is not a requirement, dairy and cheese plants, meat and poultry processing are application examples. Features include high torque gear motors, heavy duty performance proven tape heads, precise lead screw adjustments, modular top housing for specialty and offset taping, roller bed conveyor and welded modular construction. Machine set-up adjustments and electrical controls facilitate left or right hand operation, the conveyor bed height is adjustable from 18" to 26" add 6" inches to height when using casters, 2 inch tape heads are standard, 3 inch tape heads are optional (Model No. SD720-20-3-SS).



Optional Stainless tape heads:  
CHD 502-2-SS



<b>Minimum Case Size</b> 4.75"L x 4"W x 4.75"H (Custom carton sizes available)	<b>Maximum Case Size</b> ~ L x 20"W x 20"H (Custom carton sizes available)
<b>Electricity Required</b> 120 Volt 60 Hz 10 Amp	<b>Processing Speed</b> 77 Feet per minute
<b>Machine Dimensions</b> 67.5"L x 33.5"W x 53.25"H (Length includes tables)	<b>Machine Shipping Weight</b> 385 lbs. (includes pallet)

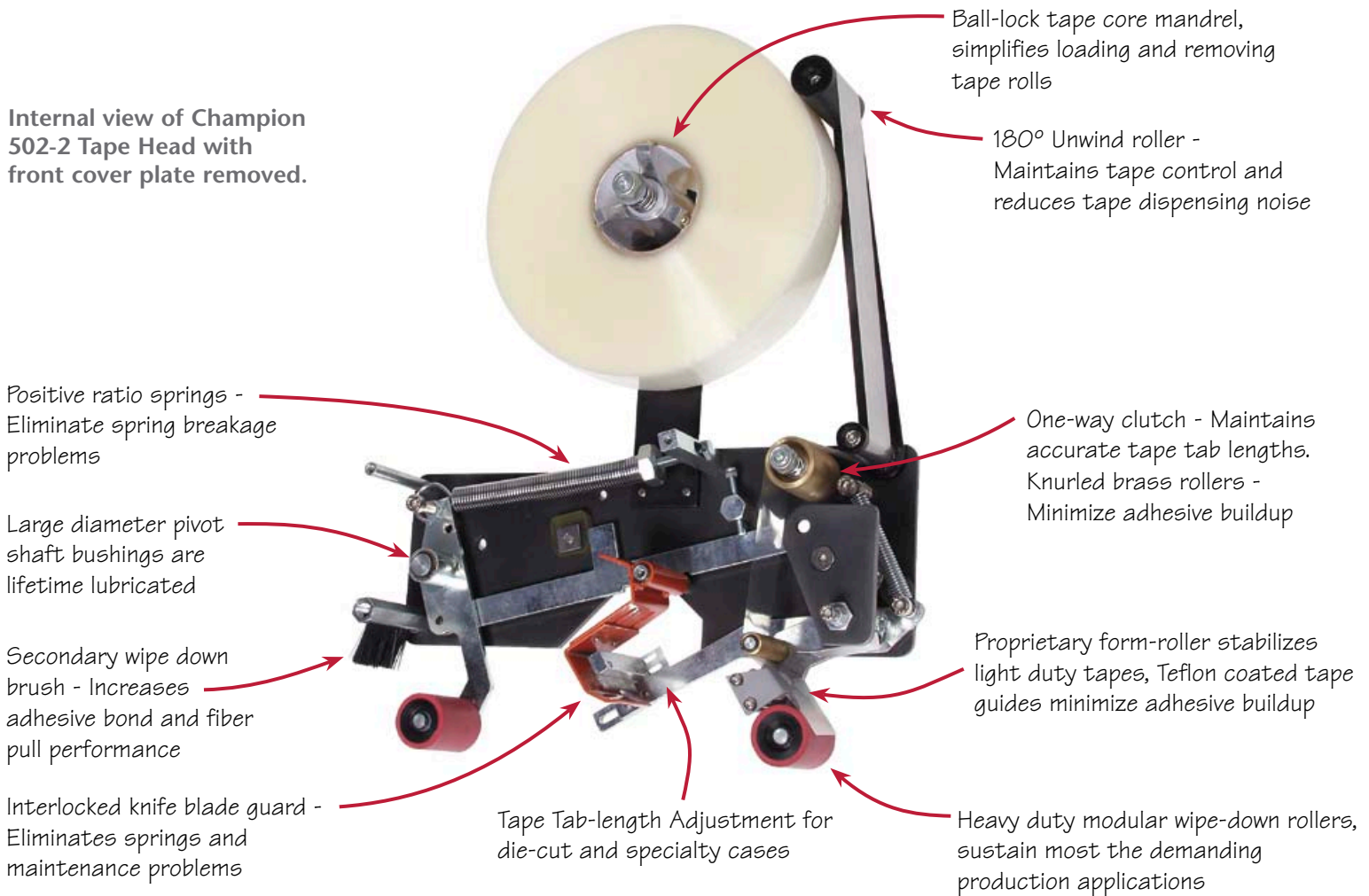
## AVAILABLE OPTIONS

- NEMA Electrical enclosures
- Splash resistant drive motors
- Wash down drive motors
- CHD 502-2-SS Stainless tape heads

# Champion 500 Series *Lock 'N' Load* Tape Heads

With over twenty years of continuous development our Champion CHD-500 Series heavy duty tape heads set the industry standard for case sealing performance, from easy tape loading to lifetime lubrication Champion tape heads are virtually maintenance and continue to perform in the most demanding production environments.

Internal view of Champion 502-2 Tape Head with front cover plate removed.



## Champion 500 Series Lock 'N' Load Tape Heads

502-2x2	C-clip tape head applies 2" wide by 2" tape tabs
502-2x3	C-clip tape head applies 2" wide by 3" tape tabs
503-3x2	C-clip tape head applies 3" wide by 2" tape tabs
503-3x3	C-clip tape head applies 3" wide by 3" tape tabs
502-2x2-SS	C-clip tape head applies 2" wide by 2" tape tabs (Manufactured in stainless steel)

## Specialty Tape Heads

502-2-SLC	Single L-clip tape head applies one 2" wide x 2" L-clip to tuck or clamshell cases
502-2-DLC	Double L-clip tape head applies two 2" wide x 2" L-clips to regular slotted cases
502-2-FSA	Flat Surface Applicator applies 2" wide tape to the surface of a corrugated case
502-2x2-AB	Air Balance tape head applies 2" wide x 2" tape tabs to chipboard cartons
502-2x2-MI	Mirror image tape head for horizontal applications, includes pancake roll support
503-3x2-MI	Mirror image tape head for horizontal applications, includes pancake roll support

## Tape Head Sensors

LTS	Low tape sensor with audio or visual indicator - requires PLC interface
NTS	No tape sensor with audio or visual indicator - requires PLC interface



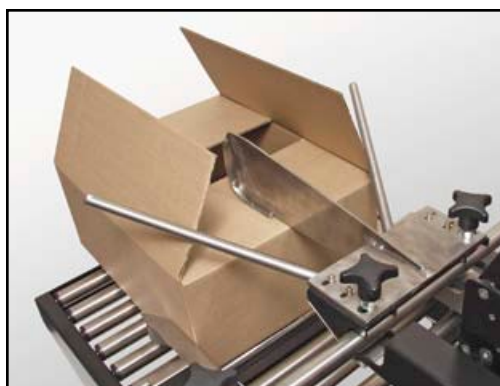
Champion Lock 'N' Load 503-3x3 MI

# Machine Options & Accessories

Over the past twenty five years Internet Packaging has developed pre-engineered solutions for processing and taping standard and specialty corrugated cases, machine options and accessories are component or assembly upgrades installed in Champion case sealing machines.

Internet Packaging have pre-engineered solutions for most case processing and sealing applications, to receive a **free no obligation case sealing analyses** forward case samples, specifications and a complete list of all case sizes to Internet Packaging Products & Systems Inc.

- **High speed motors** - Increase the case processing speed to 130 feet per minute
- **Three flap folder** - Operator assist for closing the leading minor and major top case flaps
- **Extended side belt drive** - Extends one side belt drive 10" for low profile case printing
- **Side belt slider plates** - Stainless steel insert for processing short length cases
- **Low profile insert** - Stainless steel housing for processing 3" high cases
- **Accumulation pack table** - For processing small base tall cases
- **Inclined pack table** - Adjustable ergonomic pack table simplifies case packing
- **Extended in-feed guides** - Hold case for packing and align before sealing
- **Custom length** - In-feed and exit tables
- **Custom height** - Custom leg heights are available for all machine models
- **Machine guarding** - For Champion UFA and RSA case sealers
- **Offset taping** - For taping the top of partial and full overlap cases
- **OPF folder** - Machine upgrade for sealing one piece folders
- **PPF folder** - Machine upgrade for sealing five panel folders
- **Single "L" clip tape head** - For taping clamshell or tuck cases
- **Double "L" clip tape head** - For taping regular slotted cases
- **Flat tape applicator** - Applies tape to the top surface of corrugated container
- **Gap taping** - Double tape heads for applying 2 strips of tape to gapped cases
- **Pack stations** - Custom width and length "T" rails and case plows
- **Air balanced tape head** - Applies no pressure to the top of case when sealing
- **Special purpose machines** - Design and manufacture of special purpose case sealers



**Three flap folder** - Operator assist for closing the leading minor and major top case flaps



**Gap taping** - Double tape heads for applying 2 strips of tape to gapped cases



**Inclined pack table** - Adjustable ergonomic pack table simplifies case packing