

Sal-Tech Easy Packaging Packaging Solutions SHRINK & FILMING



WE KEEP THINGS TOGETHER

**Machines,
and
Materials**

September 2020 Shrink JC 3376



sal-tech.com
EASY PACKAGING

Sal-Tech Easy Packaging

Shrink – Filming

Polyolefine – PE Film



Positioning single or bulk products and filming them either 3 side fully welded, 2 side open ends is often done manually and automatically depending on the size of the production run and series. Used for both end user and distribution packaging of items, boxes, cans, bottles, magazines, books, cd's, dvd's and many more.

About Shrink Packaging

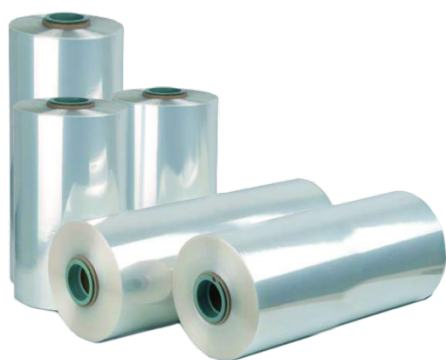
A walkthrough in Shrink Packaging

Understanding the basics

In a supermarket, there are a lot of products packaged in plastic. Most of them are simply in a plastic bag, some are in a hard plastic container. Almost all of them are packaged in a kind of plastic or plastic like materials. But there is this one particular kind of plastic packaging that seems to be applied to almost all of them. A plastic wrapped tightly on the product's packaging and it fits it exactly as if a tailor made it. So, what exactly is it?



PVC and Polyolefin



PVC stands for Polyvinyl Chloride; it is also the third most produced plastic in the world. It was also the most commonly used type of shrink film until it was replaced by polyolefin shrink films due to its many drawbacks. Storage problems arise when PVC hardens in cold conditions and softens under hot temperatures with greatly compromises its strength and durability.

Today, the most common shrink film is Polyolefin due to its strength and flexibility. It is widely used for packaging both edible and non-edible products. It is the preferred choice for packaging food because it produces lesser odor compared to PVC and it has flexible storage options. Back then, it is costly to implement and use polyolefin films for shrink packaging due to its high prices and shrink machines

incompatibility. Now, cheaper but higher quality polyolefin films are available in the market. Modern shrink packaging machines are designed to accommodate polyolefin films as a standard which makes it very cost effect.

Shrink Wrapping

The packaging process is more commonly known as Shrink Wrapping. The process uses a Polyolefin or PVC plastic films which can stand heat and more importantly, shrink. Heat can be applied using heat guns or by a shrink tunnel or ovens. But sometimes, a heat gun is not enough to do the job, but a shrink tunnel can be a bit too big for a small factory. Semi-automatic and automatic shrink machines solve this problem. Semi-automatic shrink machines come in various sizes for products with various dimensions. Automatic shrink machines can be integrated with production lines for easier packaging solutions. Shrink wraps are commonly used as overwraps on various types of packaging. Most notable examples of these are on boxes, beverage cans, printed materials and CD/DVD/Blu-ray boxes. With the right equipment, one can shrink package virtually any product.

		
STEP EXH-238 Semi-Automatic Shrink Packaging Machine	STEP NF500-1500 Banding and Shrinking□Combination Packaging Machine	STEP UW-1736 Shrink Torch

Compack Shrink series Semi Automatic shrink machines

STEP Compack 4500-i

Semi Automatic shrink packaging with following specifications:

- Dimension of welding arch 450x320mm
- Maximum chamber height 250mm
- Maximum film roll 450mm x ø250mm
- Machine dimension L1085xB615xH1135
- Machine weight 112kgs
- Electrical supply 1x230V 50Hz 15Amps
- Item no. 45050043



STEP Compack 5800-i

Semi Automatic shrink packaging with following specifications:

- Dimension of welding arch 580x440mm
- Maximum chamber height 250mm
- Maximum film roll 530mm x ø250mm
- Machine dimension L1227xB745xH1135mm
- Machine weight 144kgs
- Electrical Supply 1x230V 50Hz – 19Amps
- - Item no.: 45050054



STEP Compack 7000-i

Semi Automatic shrink packaging with following specifications:

- Dimension of welding arch 700x540mm
- Maximum chamber height 250mm
- Maximum film roll 650mm x ø250mm
- Machine dimension L1499xB859xH1135mm
- Machine weight 146kgs
- Electrical Supply 1x230V 50Hz 22Amps
- Item no. 45050075



STEP Compack 8000-i

Semi Automatic shrink packaging with following specifications:

- Dimension of welding arch 810x640mm
- Maximum chamber height 250mm
- Maximum film roll 750mm x ø250mm
- Machine dimension L11800xB980xH1135mm
- Machine weight 158kgs
- Electrical Supply 3x380V 50Hz 27Amps
- Item no. : 45050086



L-Sealer Shrink Packaging Machines



Technical Specifications

Sealer Bar Opening: 250mm (10")
Maximum Capacity: 10 - 12 packs/minute *
Maximum Product Height: 130mm (5")
Maximum Roll Diameter: 250mm (10")
Working Height (D): 930mm (38")
Comp. Air Supply: No
Film Types: PCF: 7-37 micron PVC: 15-25 micron
Color: Light gray RAL7035

TMC 58x44-H

Working Principle: Close with hand
L - Sealer Sizes: 580 x 440mm (23 x 17")
Maximum Film Width: 550mm (22")
Installed Power: 400V 13A 3 phase
Average Consumption: 7.2 kW / 4.2 kW
Dimensions (A x B x C): 950 x 2600 x 1800mm (37 x 110 x 63")
Palletized Size (A x B x C): 1150 x 3000 x 1800mm (45 x 118 x 71")
Weight (Net / Gross): 420 kg / 450 kg (926 lbs / 1000 lbs)

TMC 58x44-M

Motorized
580 x 440mm (23 x 17")
550mm (22")
400V 13A 3 phase
7.2 kW / 4.2 kW
950 x 2600 x 1800mm (37 x 110 x 63")
1150 x 3000 x 1800mm (45 x 118 x 71")
490 kg / 550 kg (1080 lbs / 1235 lbs)

* For DIN A4 form and TMC Series servo reel working speed depends on the product dimensions and the film type.

Update to follow.

STEP Multivac Series – Built in Turkey By Maripak

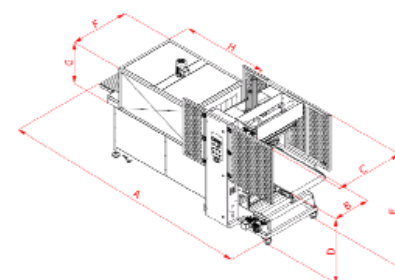


Models (D,S,C,P Series)	Dimensions a x b x c x d x e x f x g x h (mm / inch)	Seal bar Length mm/inch	Air supply (per cycle)	Max.film width (mm/inch)	Power supply 400V, 3ph	Consumption (Max/Avg)	Capacity	Weight Net/ Crated
Multimac 60D Kodu:Y12.003.0062	3350x600x1130x960x1850x980x670x1400 132x24x45x38x73x38x26x55"	600/ 23,5"	6 Bar 5dm³	600/ 23,5"	44 Amper	13,2 / 7,5 kW	10-15 packs/ min	460/520kg 1014/1146 lb
Multimac 80D Kodu:Y12.003.0068	3350x600x1330x960x1850x1160x670x1400 132x24x52x38x73x46x26x55"	800/ 31,5"		800/ 31,5"	46 Amper	17,2 / 8,5 kW		545/628kg 1201/1384lb
Color : Metallic dark gray (RAL code : custom color)								
Warranty : One year on non-wearable parts								

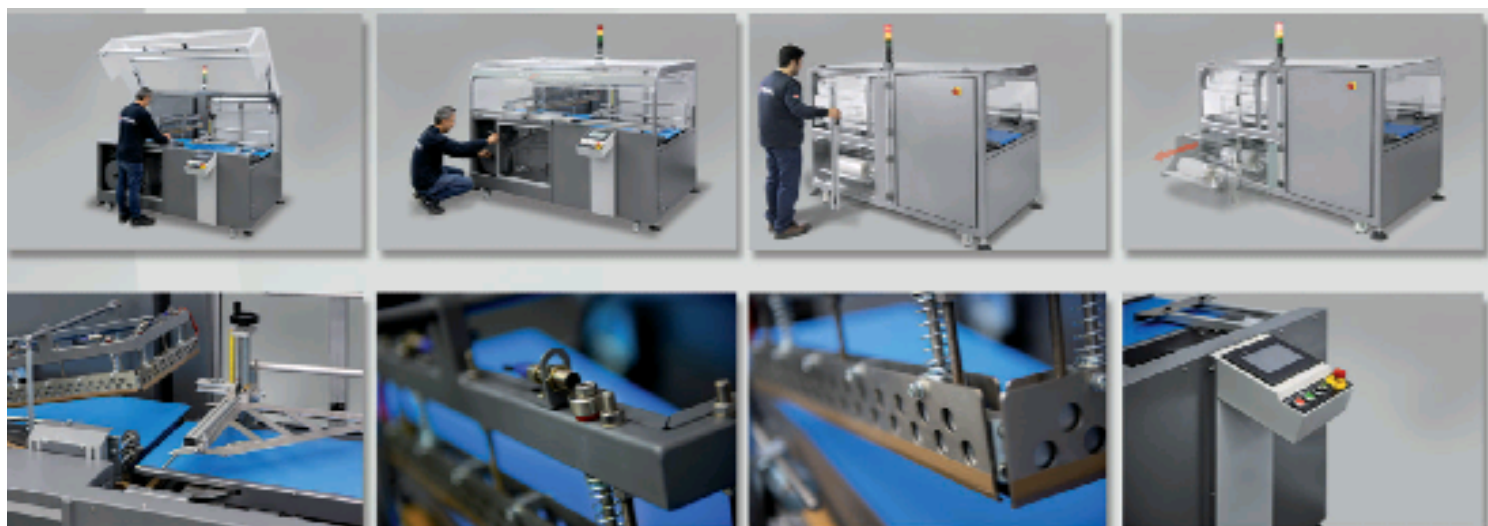
STEP Item numbers:

- STEP Multivac 60D: 45050600
- STEP Mutlivac 80D: 45050800

- Two single wound films are placed on to the upper and lower side film carriage rollers
- Top and bottom motorized film drive and relevant film advance balancer attachments
- Direct driven infeed belt for automatic infeed
- Max seal bar height: 400mm
- Automatic discharge belt until heat tunnel
- Photo eye control for package infeed
- Constantly sealer bar to give two seals with a center cut fitted with a cartridge heater
- Digital temperature controller to give consistency of seal with a thermocouple control
- Pneumatic cylinder and double heavy duty linear bearings for accurate motion
- Easy to change rubber and Teflon set on the bottom jaw
- PLC programmed software for customized inquiries and flexibility
- Detection sensor against package or hand entrapment
- Optional holder to keep the package steady during sealing by soft vertical cylinder
- Maximum height adjustment for the jaw
- Complete closed housing with limit switch controlled windows for security
- Perfect tunnel design in heating room insulation and optimized energy consumption
- Connectable to any shrink packaging line.
- Smooth product transfer through the tunnel conveyor.
- Speed controller for conveyor and heat adjustment for powerful shrinkage at PE films
- Secondary and emergency heat controller for safety regulation
- Air flow control flaps with handle for shrink tunnel
- Post cooling switch to cool down to 70°C before switch off
- Silicon coated tunnel conveyor bars for perfect heat insulation
- Two layer design heating room to minimize the energy losses
- Together with standard casters for easy moving
- Optional wire belt or Teflon mesh belt can be applied upon request
- ISO 9001 quality standard with the relevant norm's confirmations, CE marking,
- Manufacturer's guarantee for spare part stock and after sales support, one year warranty on non-wearable parts



STEP RLS ePro Series - Built in Turkey By Maripak



Technical Specifications

Maximum Packaging Sizes: E:350 x B:450 x Y:160 mm

Sealer Opening: 190mm

Conveyor Speed: 30 m/Min (adjustable)

Cross Sealer Length: 580 x 440mm

Working Height (D): 890mm

Conveyor Belt Width (E): 400mm

Minimum Package Width: 50mm

Maximum Film Width: 850mm

Film Thickness (Min / Max): 10 - 80 micron *

Film Types: POF, PE, CPP, CPP, PP

Maximum Roll Diameter: 300mm standard (adjustable)

Color: Gray mixed + RAL7010 + RAL7015

Compressed Air: No need *

Installed Power: 400V, 6 Ampere, 3 Phase

Consumption: Max. 3,7Kw, average: 1,9Kw

Dimensions (AxBxC): 1480x2080x1888mm

Palletized Size (AxBxC): 1830x2230x1650mm

Weight (Net / Gross): 748 kg / 828 kg

Features:

Automation:

- Packaging solutions for high capacity productions,
- Automated packaging without operator,
- Optimized packaging quality,
- With photo sensors and speed controllers, it is "easy-to-fit" with the production lines,
- Automatic product feeding with the infeed conveyor and photo sensors,
- Linking conveyor belt auto-extension function on the infeed belt to avoid jam
- Sealing dimensions can be adjusted for different applications,
- Automatic film infeed and film tension control,
- Fast discharge with the synchronized outlet conveyor,
- The infeed belt can be separated by pulling back to ease the film loading,
- Professional type perforators to give high accuracy in hole punching,

- Individual package length-sealing distance adjustment between leading and trailing edges.

Sealing performance:

- Heat controlled seal bar with Teflon coating,
- Controlled left and right L bar heating with 1°C sensitivity
- Automatic stop control with against package mis-feed
- L bar height adjustment for higher throughput,
- PLC controlled, LCD touch screen operator panel,
- Native languages are applied,
- Speed controller for product conveying adjustment,

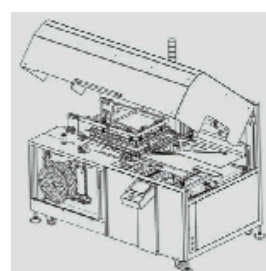
Control System:

- Optional 2nd vertical or horizontal photocell
- Automatic package length detection,
- Sensor controlled trim breakage control with warning message
- Control of automatic in-feed belt on touch screen panel,
- Warning LCD messages for potential emergency cases,
- "Speed Navigation Control" shows the actual throughput and estimated packs per/time values,
- Saved package parameters can be called from memory,
- Package counter,

Flexibility:

- Additional film direction control reels bring up to 10% advantage in film consumption.
- Trim winder has been designed completely individual as a self operating system.
- The trim is pulled with lesser amount of reels to reduce the potential trim-drive complications.
- Working with less amount of film in a complete accuracy.
- Complete individual film dispensing mechanism and easier film loading.

Item no.: 45058040



STEP ST-6030 + SM-6040 AUTOSLEEVE WRAPPER

Technical Features

STEP ST-6030A+SM-6040 Auto Sleeve Wrapper is designed for the single product or the products with a tray, the sealing machine can be connected with the production line and with its auto feeding, film wrapping, sealing & cutting, shrinking and cooling, need not an operator.

STEP ST-6030AD+SM-6040D is on the base of STEP ST-6030A+SM-6040, adopts a double cylinder pushes, and double the capacity as well.

Specifications	
Machine dimension L×W×H(mm)	1360×2120×1900
Max packing size L×W×H(mm)	≤700
Sealing cutter size/tunnel size L×W×H(mm)	700
Infeed conveyor height (mm)	850±50/1500
Sealing temperature/ Shrink temperature	0-200C°
Packing speed(pcs/min)	8-18
Net weight (kgs)	380
Power (Kw)	2
Power supply	3x220V/380V 50/60Hz
Compressed air (kg/cm ³)	6.0
Film used	PVC or PE
Item Number	Project Specific



Basic Parts

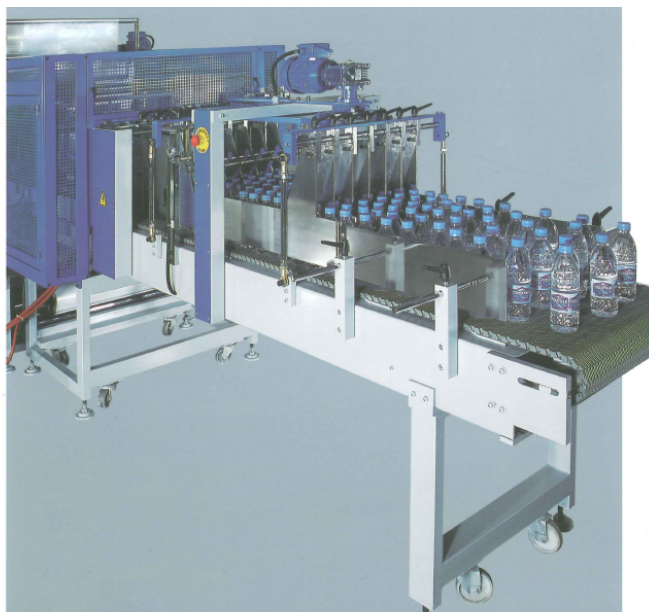
STEP ST-6030A adopts imported advanced technology and artwork, ensure the machine's stability and reliability.

- The film feeding is controlled by sensors, so that much lower the waste of the film is made
- Omron digital temperature controller from Japan ensures the accuracy of the temperature
- Sick sensors from Germany are used all round.
- The step less mechanical speed controller adjusts the conveying speed. Adopts Mitsubishi PLC, realized the integrated with the machine, electricity and air
- Adopted specially designed sealing cutter, results in perfect sealing line, avoid the film sticking the cutter
- The conveying belt can be set on the left or right side according to the customer's needs
- STEP SM-6040 adopts double imported blowing motors assure the hot air inside the tunnel even, and shrink effect is more compact
- The adjustable hot air guide flow frame inside the tunnel makes more energy saved
- Adopts solid steel roller covered silicone gel pipe, chain conveying, and durable silicone gel
- Adopts Taian transducer from Taiwan controls conveying speed, step less speed control.

SHRINK PACKAGING LINES

**Built to Purpose, according to
Your specification and product.**

Built in Europe securing short delivery times of a wide
range of project solutions and modules. Make Request!



STEP NF500-1500 Banding and Shrinking

Combination Packaging Machine



The STEP NF Series of banding and shrinking combination of machines are designed to accommodate a wide variety of products with a fast and very reliable heat shrink. The machines are equipped with easy to access Control Panel. Available in wide variety of sizes to fit your packaging requirements.

Welding Unit

Thermostat controlled PTFE (Teflon) coated welding beam.
Quick welding (0.30 -1 sec.)
Light lines motion by 2 pneumatic cylinders
.Ergonomic Design - Manual rack.

Shrink Tunnel

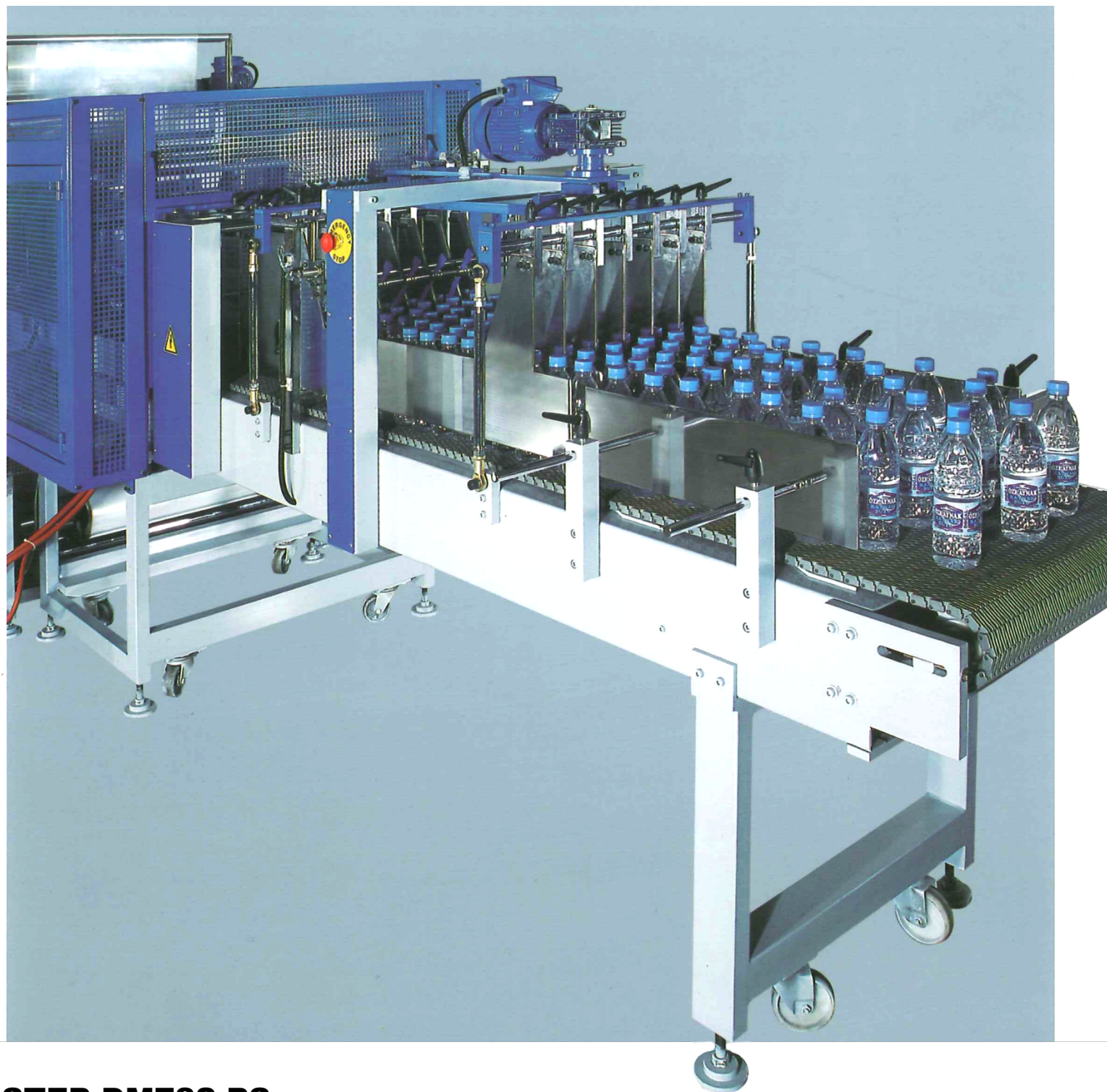
Thermostat controlled tunnel temperature. Net or nickel-plated roller with variable speed. Drawer-mounted heating elements for the easy replacement. conveyor speed of 2.5 to 8 meters / minute.



Model	NF500	NF640	NF750	NF1000	NF1300	NF1500
Welding Beam Length	520mm	660mm	770mm	1020mm	1320mm	1520mm
Welding Beam Height	400mm-700mm					
Machine Length	3400mm	3560mm	4560mm		5060mm	
Machine Width	1000mm	1140mm	1250mm	1650mm	1950mm	2150mm
Machine Height	1800mm			1900mm		
Tunnel Opening	500x400mm	640x400mm	750x400mm	1000x400mm	1300x400mm	1500x400mm
Max Product Height	320-600mm					
Air Consumption	4-6 bar			Minimum 6 bar		
Electric Requirements	380V x 3 Phase N 50Hz					
Power Consumption	12kW	16kW	20kW	35kW	36kW	
Heat Capacity	5kW	6kW	8kW	12kW		
Capacity	8-10 units/minute			4-6 units/minute		
Film Type	Polyethylen					
Max Film Thickness	150 microns					
Item Number	44500500	44500640	44500750	44501000	44501300	44501500

STEP DM782-PS Automatic Shrink Packaging Unit

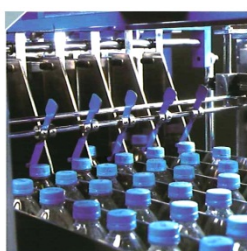
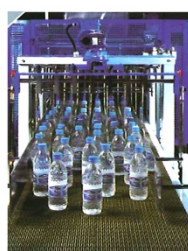
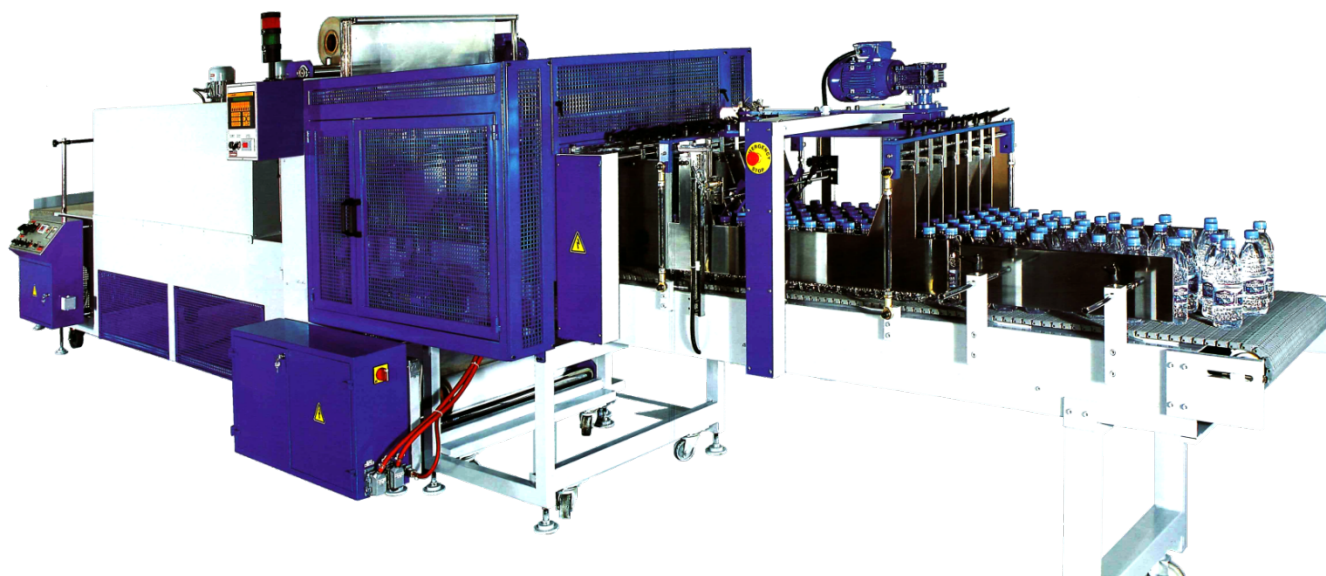
Specialty Machines for Bottling Industry



STEP DM782-PS

Specially designed for the bottling industry. Best for packaging water bottles, softdrinks and even condiments. The products are organized into the lines that comes from bottle filling station and via transportation bar. And then, the products are automatically conveyed into the sealing unit. Packs are wrapped in film wrapping unit according to desired format, then the shrink tunnel shrinks the film tightly around the pack.





Bonding Cutting Unit

- PLC controlled automation,
- Operator display panel,
- Automatic bottle organizing tracks,
- Automatic bar belt for grouped product transporting,
- Product counter,
- Easy change over for different dimensions,
- Packaging Capacity: 14-18 packs/min.
- Product: 0.5 Lt-1.5 Lt bottle.
- 1.5 Lt- 3x2 & 3x4 and 0.5 Lt 3x4 & 4x6 arranging.

Shrink Tunnel

- Thermometer controlled tunnel temperature,
- Tunnel conveyor is steel net belt with variable speed,
- Heating elements are located in the draw at lateral
- for easy changing

Specifications

Sealing bar length	640mm
Machine length	9250 mm
Machine width	1500 mm
Machine height	1900 mm
Required air	6 bar
Maximum air consumption (lt/min)	400 lt/min
Electric supply	380 V / 3ph+N 50 Hz.
Power consumption	46 kW
Heating capacity via piro.	14 kW
Adjustable working table height	940 mm + 75 mm
Max.film thickness	150 micron
Maximum film width	640 mm
Suitable films	P.E

Item Number	Product	Description	
44520800	DM 782 OB 640	DM 782 OB 640 Front Feeding Automatic Shrink Machine	
44520810	DM 782 OB 750	DM 782 OB 750 Front Feeding Automatic Shrink Machine	
44520820	DM 782 Y 640	DM 782 Y 640 Side Feeding Automatic Shrink Machine	
44520830	DM 782 D 640	DM 782 D 640 Grouping And Side Feeding Automatic Shrink Machine	
44520840	DM 782 PSK	DM 782 PSK Carton Tray Feeder Automatic Shrink Machine	
44520850	DM 782 PS	DM 782 PS PET Bottle Front Feeder Automatic Shrink Machine (Capacity : 16-18 Packs/Minute)	
44520860	DM 782 OW	DM 782 OW35 High Speed Overlapping Type 35 - 45 Packs Per Minute Capacity PET Bottle Front Feeder Automatic Shrink Machine	

STEP Fully Automatic L-Bar Sealers & Shrink Heating Tunnels

STEP 4535 Fuld automatisk vinkel svejser med STEP 4525 Tunnel.



Fuld automatisk system:

Model:	STEP 4535 Fuld automatisk vinkel svejser vare nr. 45204535 STEP 4525 Tunnel for krympning af produkt vare nr. 45204525
Maskine dimension:	L1830xB850xH1550mm
Tilpasning:	STEP tilpasning til projekt krav iht. Aftale.
Vinkle ramme størrelse:	L550x B450mm
Kapacitet:	Op til 30 pakker per minut.
Maskine vægt:	250Kgs
Elektrisk tilslutning:	3X380V-50Hz Mindre end 10/30A
Luft forbrug:	5,5 bar 300NL



STEP LA-6000 with STEP TSS-1845



Machine allows a simple and precise control of all the machine operations, such as:

1. Possibility of storing up to 10 different operation programs
2. Automatic control of the sealing bar height
3. double adjustment of the sealing blade temperature, both lengthways and broadways
4. Possibility of packing single packs or multipacks
5. Speed of conveyors electronically adjustable from the control panel

Features

1. Motorized center seal system as standard
2. Piece counter, batch production setting possible
3. Measurement of the pack length
4. Real-time output
5. Control of irregular packs
6. Reduced power consumption
7. Packing film requirement: Polyolefin, polyethylene micro perforated film, thickness from 10 to 50 μ
8. Compliance with CE regulations

Available options:

1. Mark reading device for printed film
2. Stainless Steel Case
3. In-flow and out-flow photocells
4. In feed and out feed conveyors



STEP APSS-10022



STEP APSS-5022Mark II with STEP TSS-1845



Feature

- 1.Constant heated sealing blades can perform continuously, which enables no limit of product length and high capacity of up to 60 bags per minute.
- 2.Auto photocell infeed system provides both horizontal and vertical choices to suit various product sizes.
- 3.Product changeovers can be easily realized by hand wheel adjustments, no elements need to be replaced.
- 4.Machine produces an enclosed pack with sealing on 3 sides.
- 5.Applicable for PE, POF and other center-folded shrink films, especially for POF shrink film packing.
- 6Automatic Waste Strip wind up design.
- 7.Motor-driven Infeed conveyor and free roller Outfeed conveyor are options for fully automatic application.

Options:

- 1.Kissing belt(suitable for small, irregular products)
- 2.Printing Film Photo sensor
- 3.1.5M Infeed conveyor
- 4Automatic Product Pusher



Model No.	APSS-5022	APSS-7522	APSS-10022
Format Limits:(Product Width + Height)	450mm	700mm	950mm
Sealing Width	500mm	750mm	1000mm
Product Height (Max.)	220mm	220mm	220mm
Film Width	650/650mm	850/850mm	1150/1150mm
Power	220V/1ph 3kw	220V/1ph 4kw	220V/1ph 6kw
Conveyor Speed (Max.)	35M/min	35M/min	35M/min
Capacity (Max.)	60p/min	35p/min	25p/min
Sealing Method	Servo drive seal		Brake motor drive seal

STEP LA-5000T/LA and STEP 6000T/LA



Features:

1. Automatic L-Sealer and tunnel combo design, very compact, save space.
2. Choice of vertical or horizontal-type photocell sensor to suit various product size and thickness.
3. Kissing belt function, able to pack small product, single or multiple packages.
4. Balanced heating elements (with separate temperature regulation)
5. Color touch screen combined with PLC control, easy to use.
6. Shrink tunnel adopts advanced heater bank and adjustable high speed blower to realize re-circulating hot air, shorten the heating -up time and reduce the heat lost to ensure best shrink performance.
7. PID temperature control, temperature tolerance $\pm 1^{\circ}\text{C}$
8. Shrink tunnel movable to make sure the products go through the center of tunnel.

Model No.	LA-5000T	LA-6000T
Voltage supply/ Installed power	380-410 V, 3PH 6KW	380-410 V, 3PH 12KW
Compressed air pressure and consumption	6 bar; 5 NL/P	6 bar; 10 NL/P
Sealing bar	450 x 410 mm	610 x 480mm
Maximum product height	100 mm	200mm
Maximum product Size	L390 x W320mm	L450 x W400mm
Speed of conveyors	10 - 25 M/min	10 - 30 M/min
Average output per hour	600-1800 p/h	600-1800 P/H
Working height	800mm	800mm
Maximum size of film reel	480 - ϕ 280 mm	600 - ϕ 300MM
Machine size	2262L x 1480W x 1600Hmm	3500L x 1710W x 1600Hmm
Packed machine size	2382L x 1590W x h 1880mm	3600L x 1830W x 1800Hmm

STEP GPL-5560C+GPL-5030 Automatic Side Sealing Machine

This Automatic Side Sealing Machine is equipped with a Shrink-wrapping machine, the product is fed on to the Side Sealing machine then goes on to the connected Shrink-wrapping tunnel machine for wrapping. Sealing is superior since cutting knife length is 600mm ensuring efficient cut, side seal system is used for infinite length of the products, Blower is used on shrink film to ensure shrink wrapping is superb and fiber roller is used on the wrapper to keep the products secured and durable.



Features:

- Can seal products with infinite length due to its side sealing design
- Suited to seal thin and small products, the addition of vertical and horizontal photo detectors ensures the option for switch over
- Alarm and Safety devices with PLC Control System are being used
- Control Timer and the Photo detector ensures the length adjustment of the shrink film
- The sealing height can be adjusted based on the product height
- The machine operates well due to imported parts being used
- No stoppage in operation needed to change wrappers, easy to use and maintain
- For products with different sizes and shapes
- Suitable for Hardware, Gifts, Food and Daily necessities among others

Specifications		
Model	STEP GPL – 5560C	STEP GPS – 5030
Machine Dimension	L 1650 x W 900 x H 1550mm	L 1640 × W 780 × H 1625mm
Packing Size	W+H≤600mm	L1000×W450×H250mm
Cutter Size / Tunnel	L550×W450mm	L1300×W500×H300mm
Packing Speed	20~40Pcs/min	20~50Pcs/min
Net Weight	300kg	200kg
Power	3KW	13KW
Power Supply	220V/380V 50/ 60Hz , 3 Phase	220V/380V 50/ 60Hz , 3 Phase
Air Pressure	5.5kg/cm ³	-
Max Current	10A	30A
STEP Item No.	45255560	45205030

STEP UW-1735 SHRINK TORCH

The STEP UW-1735 SHRINK WRAP TORCH is a hand-held portable shrinking torch. It is very light with only 1.45 kgs. The STEP UW-1735 does not require electrical connection which makes it extremely portable.

It is a versatile piece of equipment and is compatible for use with any size and shape products, ranging from small and uneven pallet to large machines.

The STEP UW-1735 uses less than three cents of fuel per pallet, which makes it the least expensive way to shrink-wrap and can compare with low energy stretch wrappers.



Specifications	STEP UW1735/1739	STEP UW1736/1740
Power	29-44 KW	40-70 KW
Consumption	3 – 5 kg/hr	3 -5 kg/hr
Operating Pressure	1,5 - 3,5 Bar	1,5 - 3,5 Bar
Weight	1,45k gs.	1,45kgs.
Air Consumption	30-62 m ³ /h	30-62 m ³ /h
Emission	.017 CO/CO ₂	.017 CO/CO ₂
Energy Source	Propane	Propane
Item Number	41800030/41180035	41800040/41800045



STEP UW-1739 SHRINK TORCH KIT

STEP UW-1736 SHRINK TORCH

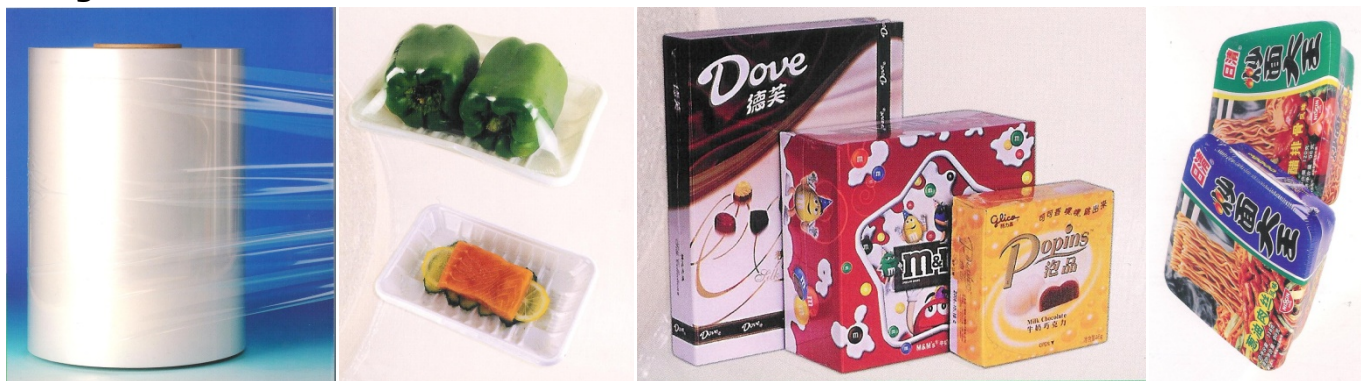
The STEP UW-1736 SHRINK WRAP TORCH is a hand-held portable shrinking torch. It is a more powerful version of the STEP UW-1735 but it shares most of its features.

Just like the STEP UW-1735, it is compatible for use with any size and shape products, ranging from small and uneven pallet to large machines.



STEP UW-1740 SHRINK TORCH KIT

Polyolefin Shrink Films



Polyolefin krympefilm fås i mange forskellige kombinationer tilpasset de krav hver enkelt emballeringsproces og produkt kræver. Vi forhandler følgende hovedtyper:

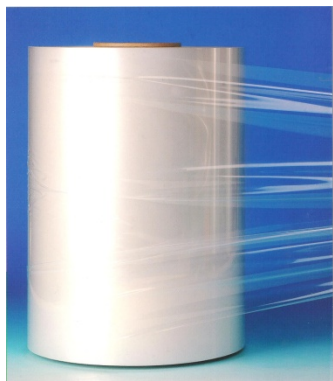
- STEP ZDF01: Økonomisk krympefolie for bred anvendelse, fås i 12, 15, 19, 25 og 30my tykkelse
- STEP ZDF02: Som ZDF 01 men med varm glide egenskab, så produkter ikke binder i kæde
- STEP ZDF03: Krydsorienteret krympefolie for bedre ydelse, fås i 12, 15, 19 og 25my tykkelse
- STEP ZDF04: Krydsorienteret anti dug krympefolie, fås i 12, 12, 19 og 25my tykkelse
- STEP ZDF06: Høj ydelses krympefolie, lav krympetemperatur, fås i 12, 15, 19 og 25my tykkelse
- STEP ZDF07: Høj ydelses krympefolie, print/trykbar folie, fås i 12, 15, 19 25 og 30my tykkelse



Polyolefin Shrink Film Type ZDF01 – 07

ZDF Type	Thickness	Oplægning		
Alle	12 MY			
Alle	15 MY		Min bredde	Max bredde
Alle	19 MY	Plano	150	2100
Alle	25 MY	Centerfoldet	150	1050
Type 1,2,7	30 MY			

PE KRYMPEFOLIE



PE (Polyethylen) krympefilm fås i mange forskellige kombinationer tilpasset de krav hver enkelt emballeringsproces og produkt kræver. PE folie produceres efter ordre henhold til ønske om tykkelse, bredde, oplægning, indfarvning, UV beskyttelse mv.

PE-folie findes som centerfoldet folie, planfolie og slangefolie.
PE-folien kan leveres i præcis den tykkelse og bredde, der ønskes.

Material: Polyethylen.

Width: 25 - 800mm.

Film Thickness: 30 - 200my.

Variants:

- Mikroperforeret
- Egnet til krympning
- Stabelfast
- Antistatisk
- Farvet

PE krympefilm:						
Thickness		Coil type	Min Width	Max Width		
	25 MY	Plano or Center fold	150mm	2000mm - On request		
	50 MY					
	80 MY					
	100 MY					
	200 MY					

STEP Skinpack Packaging Machines

The STEP Skinpack Packaging Machines are available in two (2) models. Both are suitable for packing products of small to medium sizes. The machine makes a skin pack, where you have a sheet of cardboard. Then you place the products and the machine sucks the air inside film around the product while laminating the said film.

The STEP Skinpack is compatible with a wide variety of packaging films ranging from PE films to PVC films which all produces different effects.



Skin packaging or vacuum packaging, is termed because plastic forms a sort of skin around the product and card. It is used in wide variety of packaged goods and consumer products. Most ideal as a display packaging and is commonly used in toys, tools, materials and even food products.



Specifications	STEP Skinpack 3954	STEP Skinpack 5478
Packaging Speed	50-60 packages per hour	
Package Material	PE or PVC Skin Film	
Film Width	450mm	600mm
Working Surface	390x540mm	540x780mm
Consumption	7.5 kW/h	10 kW/h
Electrical Requirements	Three Phase According to Local Standard	
Item Number	43811010	43811020

