

# A.M.P.-Rose



## 'Super 42HS' Range of Cut & Wrap Machines

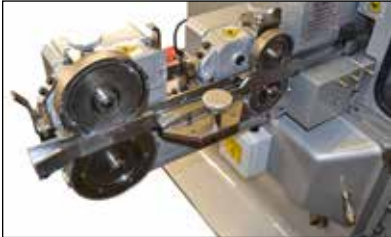


# A.M.P-Rose

*Your partner in the confectionery industry*



## A.M.P-Rose 'Super 42HS' Range of Cut & Wrap



The '**Super 42HS**' is a high-speed cut and wrap machine, which has been designed for strength and durability, as well as ease of operation and low maintenance. The machine sizes, shapes, cuts to length and wraps, toffee, chewy candy, bubble gum or high boiled sugar. The machine produces square, rectangular, or cylindrical shaped sweets. In the case of the '**Super 42CW**' this is usually a round shaped sweet in the "whirl" ("kiss") style.

The machines are capable of speeds of up to 1000 pieces/minute.

### Sequence of Operations

The rope of confectionery product is fed by Batch Roller/Rope Sizer or extruder to the infeed section of the machine. Three pairs of sizing rollers feed the rope into the machine and size it to the desired width and thickness. The presence of the rope is detected by a sensor and the PLC signals the paper feed to engage at the correct time, thereby avoiding wrapper wastage.

Paper feeding rollers provide the correct length of paper, which is cut-off by an easily detachable rotary knife. The rope of product is cut to the desired length by a pair of water cooled nipping knives (rotary knife on Super 42CW) and then pushed with the cut wrapper into the wrapping wheel.

The wrapping is completed as shown in the diagrams, depending upon the desired wrapping style.

### Features

#### Long, efficient life

The machines have been designed to withstand the rigours of high-speed confectionery production. Precision machined components are housed in a solid cast iron frame and are constantly lubricated with filtered oil. External parts are designed for easy removal for cleaning and maintenance purposes. The machines therefore require little servicing, maintenance or spare parts.

#### Simple yet sophisticated control system

Control of the machine is achieved through a PLC system, which has diagnostic features such as warnings of wrapper ruffles or guards incorrectly positioned. All electrical/electronic components are of the highest international standards and are housed in a single control panel with a hinged door for easy access. Operation of the machine is via the conveniently located operator interface unit.

#### Health and Safety assured

Interlocked sound-proofing guards are fitted, giving protection to the operator from noise and movement hazards. All machines meet current health and safety and 'CE' standards.

#### Automatic operation

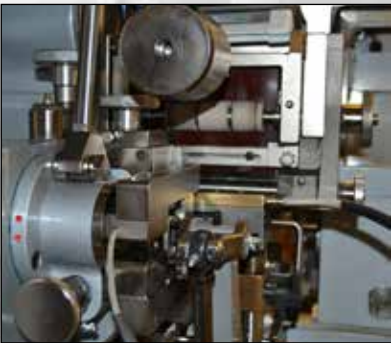
The machines require minimal operator intervention - a sensor detects the presence of product in the infeed section of the machine, automatically activates the paper feeding mechanism and runs the machine up to the desired operating speed. In addition, when one paper reel runs out, the splicing unit is activated and another reel starts to feed.

#### Reduced cleaning/maintenance times

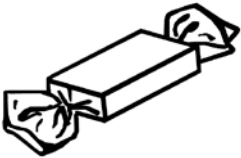
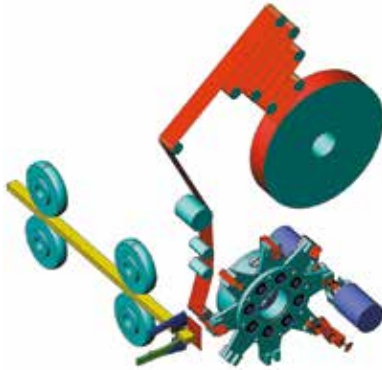
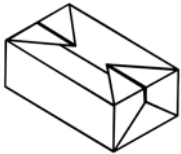


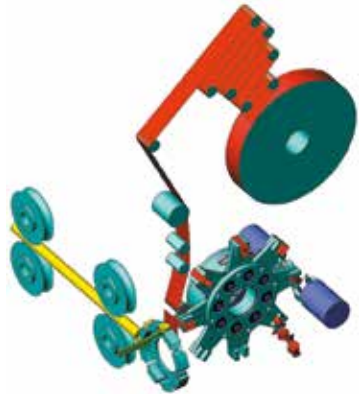
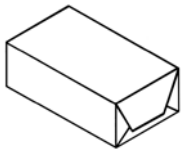

The design of the guards makes it easy to access all internal and external areas of the machine, cutting the time required for routine cleaning and maintenance to a minimum.

#### Versatility

The 'Super 42HS' machines can handle a wide variety of confectionery products, such as hard candy, caramel and toffee, chewy sweets and bubble gum with the minimum of adjustments. Change-over parts can also be supplied if a change in product size is required.



## Wrapping Styles and Specifications

Super 42 HST		Super 42 HSF	
<p><b>Style of Wrap:</b></p>  <p><b>Maximum output:</b> 1000/minute</p> <p><b>Size Range:</b> Length: 16 to 45mm Width: 11 to 25mm Thickness: 5 to 17mm Diameters: 12 to 19mm</p>		<p><b>Style of Wrap:</b></p>  <p><b>Maximum output:</b> 1000/minute</p> <p><b>Size Range:</b> Length: 16 to 45mm Width: 11 to 25mm Thickness: 5 to 17mm</p>	
Super 42 CW		Super 42 HSBG	
<p><b>Style of Wrap:</b></p>  <p><b>Maximum output:</b> 800/minute</p> <p><b>Size Range:</b> Thickness: 8 to 19mm Diameters: 16 to 28mm</p>		<p><b>Style of Wrap:</b></p>  <p><b>Maximum output:</b> 1000/minute</p> <p><b>Size Range:</b> Length: 16 to 45mm Width: 11 to 25mm Thickness: 5 to 17mm</p>	 <p><i>Inner wrapper can be a comic strip or a sticker taken from a separate reel.</i></p>

## Wrapping Materials

Waxed paper, cellophane, PVC, suitable polypropylene or paper backed aluminium foil.



### Reel Sizes

Standard core diameters of 57mm and 77mm. Other sizes available on application.

Maximum reel diameter 355mm.

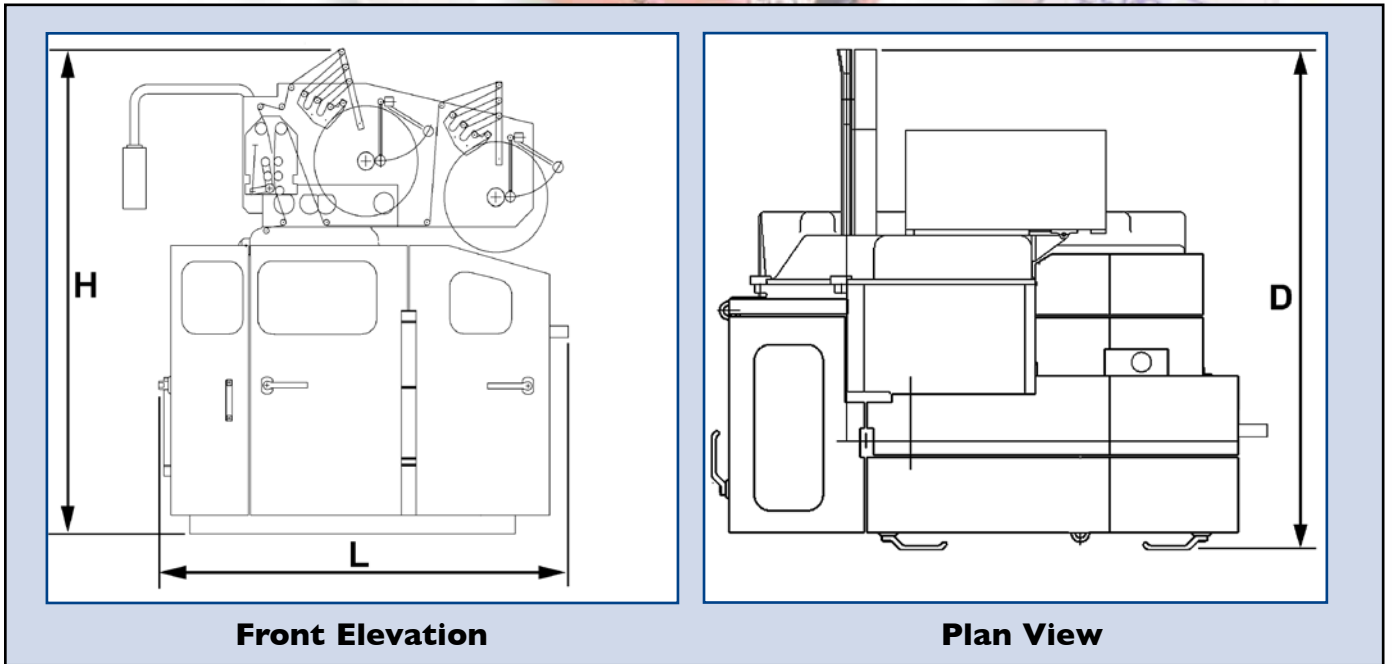
2,3, or 4 reels available systems are available.

### Optional Extras

Photoelectric cell registration unit (standard on Super 42HSBG).

Product counter.

## Floor Plans



## Technical Specifications

Model	Power	Heaters	Nett Weight	Dimensions (mm)
<b>Super 42HST</b>	5.5Kw, AC Invertor Controlled	110v 0.5Kw	1850kg	1700 L x 1500 D x 2000 H
<b>Super 42HSF</b>	5.5Kw, AC Invertor Controlled	110v 2.0Kw	1850kg	1700 L x 1500 D x 2000 H
<b>Super 42CW</b>	5.5Kw, AC Invertor Controlled	—	1850kg	1700 L x 1500 D x 2000 H
<b>Super 42HSBG</b>	5.5Kw, AC Invertor Controlled	110v 1.5Kw	1850kg	1700 L x 1500 D x 2100 H



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