

ROSE FORGROVE Flow Wrapper Merlin HSE for Cheese Packaging



Features:

■ Flexible and Dependable

- Extensive Machine Range – Up to 750mm film width and 170mm product height with numerous package configurations (Saddle bags, tray packs, zipper/reclosable, gusseted, etc.)
- Single or twin jaw configurations
- Single or twin reel mounting with automatic splicing
- US based parts and service with HayssenSandiacre Tele-service (8am-8pm, M-F)

■ Sanitation

- Compact design constructed with 304 (316 option) stainless steel specifications
- 2M infeed with interchangeable stainless steel or plastic paddles.
- No-tool removable stainless steel rails and guarding ensures quick accessibility for efficient and thorough sanitation

■ Efficiency

- Twin reel film mounting with automatic splicing
- Quick and simplistic product size changeovers
- Simplistic and intuitive set up features for new and experienced operators

■ Waste Conscientious

- 'No product-no bag' feature keeps film waste to a minimum
- 'Misplaced product detection' eliminates product damage and avoids jams - not available with carry over unit



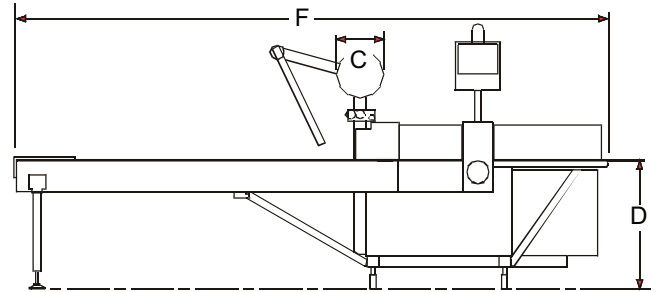
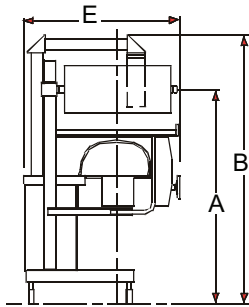
■ Control Platform

- Allen Bradley or B&R based control systems available
- Icon based operator interface with extensive, real time diagnostics
- Storage of 100 product recipes
- Vast range of infeed systems to meet your specific application
- Integral temperature controls with parameter adjustments on the fly

Barry-Wehmiller

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Dim	
A	1500 (59.05)
B	1878 (73.93)
C	330 (12.99)
D	900 (35.43)
E	439 (17.28)
F	4160 (163.77)
Dimensions in mm with equivalent inches in brackets	



Technical Data

All information given below is dependent upon final machine specification, feed arrangement, product type, options selected and film specification.

Electric Supply and Consumption

400V, 3-phase 50 cycles plus neutral and earth.

Up to 25 amps/phase.

Operating Pressure

5.6bar (80lbs/sqin) (minimum).

Air Consumption

Minimal and dependent upon options selected.

Environmental Conditions

Ambient temperature range: 0 to 40 degrees Celsius (104 degrees Fahrenheit).

Humidity: 0 to 80% non-condensing.

Standard sealing: IP54.

Weight

1,200kg (2,640lb).

Reel Mandrel

Core: 76mm (3in).

Outside Diameter: maximum 330mm (13in).

Weight/Mandrel: 25kg (55lb).

Wrapping materials

Suitable coated cellulose films; heat-sealable lacquered materials; coated polypropylene; co-extrusion and plastics laminated to paper; film or foil. Cold films can also be used.

Standard Features

- Driven wrapper pre-feed.
- Single reel mounting.
- Pack tight/loose control.
- 2m (78.75in) infeed with single infeed pitch on a multi-pitch chain.
- Crimp release handwheel.
- Adjustment for crimp height.
- Crimp overload clutch.
- Simple, easy-to-use operator control panel.
- Individual temperature controls for top crimp, bottom crimp and long seam rollers.
- Electronic adjustment of cut-off length and crimp dwell.
- Electronic speed control.
- Operator changeable fixed folding box.
- Simple, tool-free product size change.
- Wipedown finish.

- All product contact parts in stainless steel or food quality plastic.
- Designed and manufactured to comply with European machinery directives and British Standard BS 5304:1988.
- Automatic opening of the heated long seam rollers.
- Status and management statistics.

Optional Features

- Stainless steel version.
- Stainless steel infeed and/or guards.
- Right hand configuration.
- Adjustable folding box.
- Machine castors.
- Simple, adjustable folding box.
- Photo-electric cell wrapper registration.
- 450 or 750mm (15.74 to 29.52in) wide reel
- Twin reel on 450mm wide reel machines
- Reel runout sensor.
- Short infeeds.
- Infeed extensions in 1.2m (47.24in) increments.
- Pin type perforator.
- Lipped infeed side guides.
- Product on lug sensor.
- Slatted chain feed.
- Product carrying slats.
- Infeed extension.
- Simple auto feed units.
- Choice of crimp centres (see tables opposite).
- Twin jaw option: 100, 130, 150mm centres
- Pack gussetting unit.
- Crimp carry over unit.
- Euroslot crimp jaws.
- Heated cleft in long seam unit (dependent upon options selected).
- Water cooled deadplates.
- 1m (39.37in) discharge extension.
- Labellers (various).
- Proprietary coding units.
- Additional positional stop push-button.
- Smart belt ready.
- Discharge extension.
- Bakery specification version with bakery paint colours and panel dust filters.
- Feeder Signal - ancillary machine running.

Single Jaw Machine	Single Jaw Size Range mm (in)					
Crimp centres	100 (3.9)	130 (5.15)	130 (5.15)	150 (5.9)	180 (7.1)	180H (7.1)
Max. product height	50 (2)	75 (3) +	75 (3) +	95 (3.7) +	120 (4.7)	170 (6.7) +
Max. product length	270 (10.6)	373 (14.7)	373 (14.7)	433 (17)	528 (20.78)	528 (20.8)
Max. product width	150 (5.9)	150 (5.9)	300 (11.8)	300 (11.8)	300 (11.8)	300 (11.8) #
Wrapper cut-off	70 - 315 (2.75 - 12.4)	102 - 410 (4.01 - 16.1)	102 - 410 (4.01 - 16.1)	117 - 470 (4.60 - 18.5)	140 - 565 (5.51 - 22.2)	140 - 565 (5.5 - 22.2)
Maximum wrapper width	450 (17.7)	450 (17.7)	750 (29.5)	750 (29.5)	750 (29.5)	750 (29.5)
Speed without carry over	20 - 175	20 - 150	20 - 100	20 - 100	20 - 70	20 - 70
Speed with carry over	N/A	20 - 70	20 - 70	20 - 70	20 - 70	20 - 70
+ If crimp carry over unit is fitted the height acceptance is reduced by 10mm (0.39).						
# Maximum product width for products from 120mm up to 170mm (4.7 to 6.7) high is 200mm (7.9).						

Twin Jaw Machine	Twin Jaw Size Range mm (in)			
Crimp centres	100 (3.9)	130 (5.15)	130 (5.15)	150 (5.9)
Max. product height	50 (2)	75 (3)	75 (3)	95 (3.75)
Max. product length	135 (5.3)	185 (7.35)	185 (7.35)	217 (8.5)
Max. product width	150 (5.9)	150 (5.9)	200 (7.8)	200 (7.8)
Wrapper cut-off	70 - 157 (2.75 - 6.2)	102 - 205 (4.01 - 8.5)	102 - 205 (4.01 - 8.5)	117 - 235 (4.60 - 9.25)
Maximum wrapper width	450 (17.7)	450 (17.7)	750 (29.5)	750 (29.5)
Speed without carry over	20 - 250	20 - 250	20 - 250	20 - 200

HayssenSandiacre

USA - 225 Spartangreen Boulevard • Duncan, SC 29334 USA • 864/486-4000

UNITED KINGDOM - 16 Roman Way • Thetford, Norfolk IP24 1XB United Kingdom • + 44 (0) 1842 754171

UNITED KINGDOM - 101 Lilac Grove • Beeston, Nottingham, NG9 1PF • United Kingdom • +44 (0) 115 967 8787

MEXICO - Castorena 324-118 • Cuajimalpa • 05000 México, D.F • +(52-55)5813-7770

www.hayssensandiacre.com • sales@hayssensandiacre.com