

NTS-BMI Flow Wrapper for Round Produce

Redpack[®]
PACKAGING MACHINERY



Redpack's NTS-BMI has a unique V-shape infeed that serves to stabilise the product and prevent it from rolling around; something that is especially critical while running at high wrapping speeds and on unstable field rigs. There is also an overhead paddle system that holds the product across the transfer point to ensure accurate product placement onto the film.

The NTS-BMI is robustly manufactured and has precision engineered components housed in a stainless steel fabrication providing minimum maintenance requirement and 24/7 production capability.

The Redpack NTS-BMI is designed to keep maintenance costs to a minimum and reduce labour head count, so optional extras include an integrated label applicator and printer mounted on the machine. This means the machine can apply labels and print on the film or labels while packing, saving manual labour further down the line.

To further reduce downtime, a compressor providing the air supply, a 'lazy susan' rotary table and packing rack can be integrated into the lifting chassis base frame. This enables the whole packing line to be easily lifted and moved around in one piece. Customers are experiencing a massive increase in efficiencies and huge savings in costs.



MADE IN
THE UK 



Drive System

- Servo control
- 10" Colour touch screen HMI provides simple operator input of multiple product settings against a product name
- Entry of each product recipe will automatically change electronic parameters set for each product and film, minimising changeover times
- Automatic product position adjustment
- Automatic label application position

Machine Specification

- No Product No Bag system prevents machine creating empty bags
- Fabricated stainless steel machine housing precision engineered components designed for high production stability and 24/7 production capability
- Cantilever design to enhance hygienic cleaning and improve maintenance access
- Built in integrated lifting chassis for easy lifting
- Sealed for life bearings for low maintenance
- 2.0 metre v-belt infeed conveyor for increased product stability (alternative arrangements are available to suit product and feed methodology)
- Emergency stop on infeed
- Pneumatic reel clamping for quick reel adjustment
- Motorised film holder for constant tension film feed to match the film and seam crimp speed
- Self centring film fold box for different sized products
- Multiple sets of seam rollers
- Automatic seam crimp release to prevent film melt when the machine stops
- Temperature controlled through HMI to minimise product changeover times
- Sealed seam crimp and end crimp electrical slip rings and sealed bearings for durability requiring no maintenance
- End crimp timed to prevent film melt when the machine stops
- Levelling feet to stabilise the machine once in position.
- Integrated outfeed options
- Redpack Machines are manufactured in compliance with current European Community essential health and safety machinery directives and appropriate harmonised standards. Full information is available upon request.
- Print registration for printed film
- Reel run out switch stops the machine when the film reel runs out
- Misplaced Product No Gap No Crimp (prevents product fouling the end crimp jaws)
- Gusseting

Optional Extras

- Alternative infeed arrangements to suit product or feeding requirement
- Thermal transfer printer (customer preference)
- Label applicator (customer preference)
- Left hand version (product flows from right to left)
- Infeed extensions
- Film low early warning sensor
- Multiple fixed pitch functionality
- No Product No Bag prevents the machine creating empty bags
- Gusseting
- Pause button on infeed operator station
- Trim speed button on infeed operator station
- Built in compressor
- Built in rotary table
- Built in packing rack
- If you can't see the option you require, please don't hesitate to ask a member of our team!

Technical Data

Electrical requirement	380/440V 50HZ 3Ph N+Earth
Electrical consumption	7kVA
Pneumatic requirement	4 Bar minimum dry clean air supply
Wrapping materials	OPP, Heat sealing laminates, Cold seal
Pack Sizes:	
End crimp gap (mm)	To suit
Length (mm)	To suit
Width (mm)	To suit
Height (mm)	To suit
NB. The Maximum bag height is dependant upon the required bag width.	
Reel diameter (mm)	320 (max)
Core diameter (mm)	75
Width (mm)	700 / 850
Machine speed	10 - 120ppm (Dependant upon application)
Noise emission	Less than 70dba at 1m distance, 1.6m above floor
Machine weight	1500Kg (Approximately)

The specifications stated above can be customised to suit individual applications.

