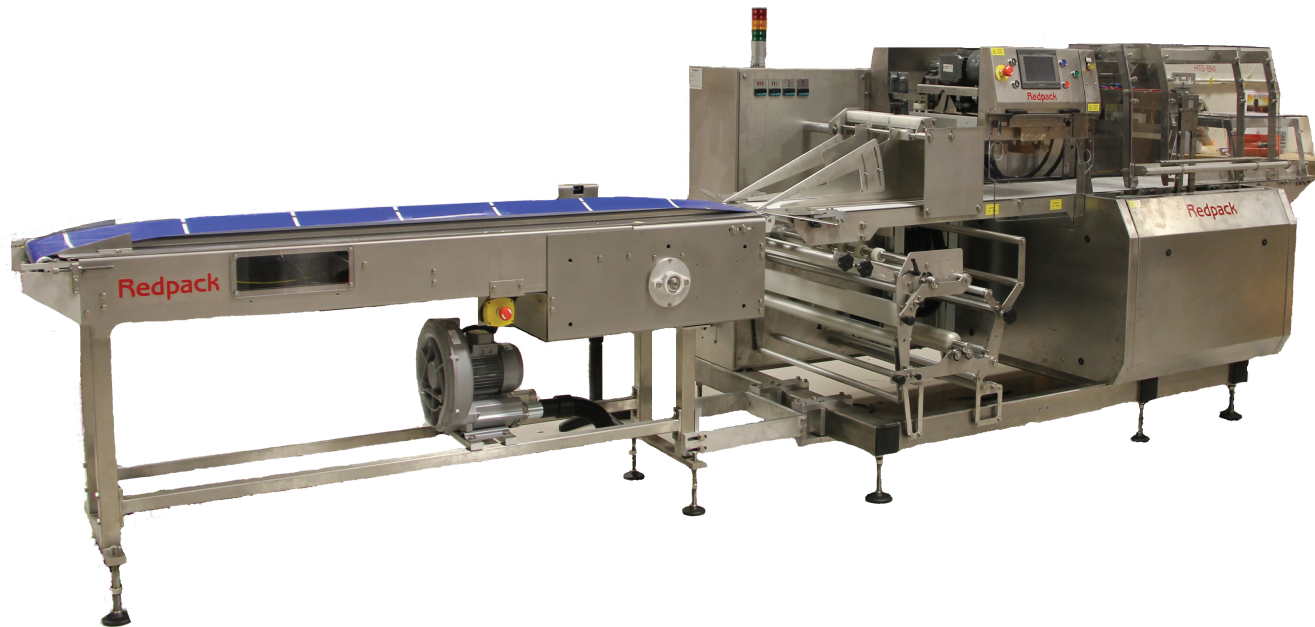


# NTS-BM Long Dwell Flow Wrapper

**Redpack**  
PACKAGING MACHINERY



Redpack's NTS-BM is an industry leading horizontal top seal box motion flow wrapping machine with box motion end crimp that has been designed for versatility and easy configuration. It is the optimal solution for difficult-to-handle products and for products that require high integrity sealing (long dwell) or hermetic sealing (air tight).

With over 35 years of continuous development the NTS-BM is a proven, versatile packaging solution. The NTS-BM is robustly manufactured and has precision engineered components housed in a stainless steel fabrication providing minimum maintenance requirements and 24/7 production capability.

The NTS-BM has an advanced servo drive system that has a colour touch screen with simple commands for operators to adjust the machine to suit different products.

Bag length, print registration, end crimp slow down, infeed position, printed code and label position and machine speed are changed automatically by entering a salvable product name on the touch screen.

*These features ensure that the NTS-BM is renowned as a reliable, versatile and efficient packaging machine with the advantage of high integrity and hermetic sealing.*

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 the product code automatically changes the bag length, print registration, end crimp slow down, infeed position, machine speed and printed code position (if a coder is installed)

## Machine Specification

- Reel run out switch stops the machine when the film runs out
- Misplaced Product No Crimp (prevents product fouling the end crimp jaws)
- Print registration for printed film
- No Product No Bag prevents empty bags being made
- 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 product infeed with conveyor system (alternative arrangements are available to suit product and feed methodology)
- Infeed houses appropriate emergency stop positions
- Quick release pneumatic reel clamping for fine centring 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 crimp rollers first set cold, second set heated, third set film turnover (or four sets of rollers depending on the application)
- Automatic seam crimp release to prevent film melt when the machine stops
- Precision temperature controllers for the seam crimp and end crimp heaters
- Sealed seam crimp and end crimp electrical slip rings and sealed bearings for durability and requiring no maintenance
- End crimp timed to prevent film melt when the machine stops
- 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.

## Optional Extras

- Alternative infeed arrangements to suit product or feeding requirement
- Film Perforator
- Euro-Slot end crimp dies for pack presentation mounting
- Gas flushing
- Thermal transfer printer (customer preference)
- Label applicator (customer preference)
- Left hand version (product flows from right to left)
- Extra heat to seam for higher linear film sealing speeds
- Infeed extensions
- Film low early warning sensor
- Multiple fixed pitch functionality
- Constant gap functionality (on demand)
- Cut to length (variable bag length) facility
- Pause button on infeed operator station
- Trim speed button on infeed operator station
- Air excluder device after end crimp
- Gusseting
- Heat Tunnel (shrink wrap version only)
- Multi pin perforator roller if micro-perforated film not used (shrink wrap version only)
- 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	4Bar 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)	650 / 850 / 1100
Machine speed	10 - 400ppm (Dependant upon application)

Noise emission	Less than 70dba at 1m distance, 1.6m above floor
----------------	---

Approx, machine wt.:	1500Kg
----------------------	--------

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

