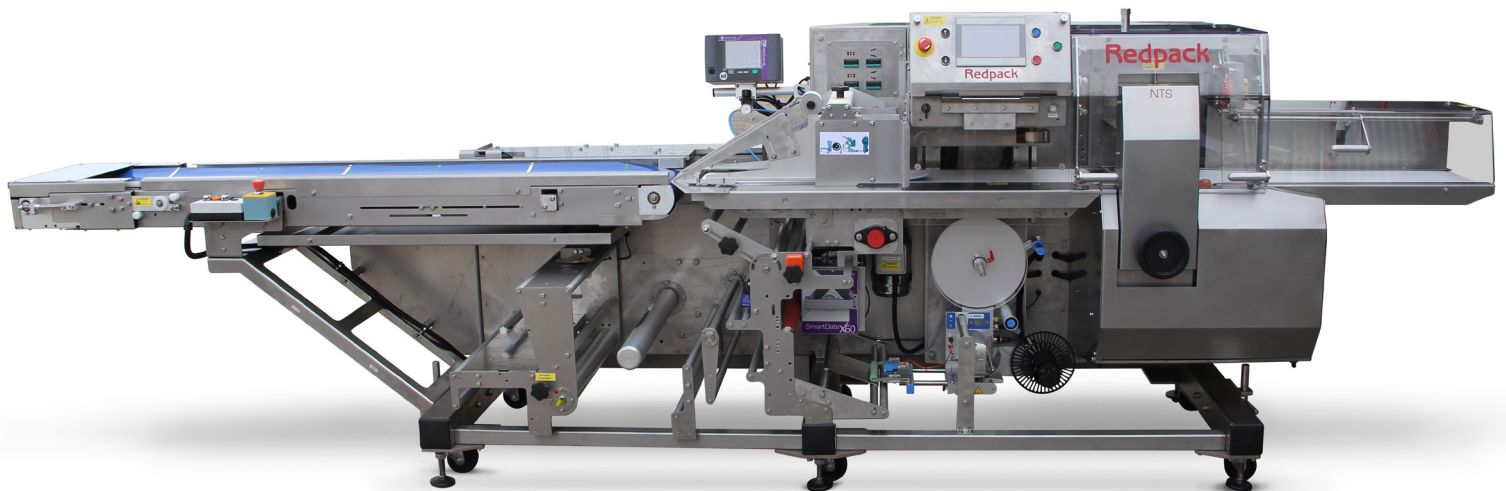


# NTS Top Seal Flow Wrapping Machine

**Redpack®**  
PACKAGING MACHINERY



**Redpack's NTS is an industry leading Horizontal Top Seal flow wrapping machine that has been designed for versatility and easy configuration and to suit difficult to handle product.**

With nearly 40 years of continuous development the NTS is a proven, versatile packaging solution.

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

The NTS has a multi axis electronic drive system that has a 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 savable product code on the touch screen.

*These features ensure that the NTS is renowned as a highly reliable and efficient packing machine.*



Image above shows option for round table on NTS

**MADE IN  
THE UK**



## Drive System

- Inverter controlled electronic multi axis drive to the infeed, seam crimp rollers and end crimp & film mandrel
- Motor driven adjustment for the inverted seam crimp height
- Touch screen HMI provides simple operator input of up to 50 product settings against a product code
- Entry of the product code automatically changes the bag length, print registration, end crimp slow down, infeed position, machine speed and printed code and label position
- Self correcting print registration position to within 1mm of the set position
- Electronic overload detection to prevent overloading the drive mechanisms

## Machine Specification

- Fabricated stainless steel machine housing precision engineered components designed for high production stability and 24/7 production capability
- No Product No Bag prevents empty bags being made
- 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 adjustable product infeed pushers and adjustable side guides OR 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
- Reel run out switch stops the machine when the film runs out
- Hand-wheel adjusted self centring film fold box for different sized products
- Three sets of seam crimp rollers: first set cold, second set heated, third set film turnover (or four sets of rollers depending on the application)
- Seam crimp release to prevent film melt when the machine stops
- Rotary end crimp with jaw centres to suit product requirement, knife and anvil with fine adjustment for parallelism
- 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 minimum maintenance
- End crimp timed stop to prevent film melt when the machine is stationary
- Polycarbonate end crimp and discharge guard with gas spring support for operator safety
- Inverted seam crimp guarded by Polycarbonate doors with safety switch
- 300mm wide x 850mm long product outfeed conveyor
- Adjustable foot mounting for stability and levelling mounted on swivelling castors for easy moving
- 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 to perforate the film over-wrap to allow internal air to escape
- Carry over conveyor for small or difficult to handle products
- Multiple end crimp jaw arrangements for small products and high speed production
- Misplaced Product No Crimp (prevents product fouling the end crimp jaws)
- Euro-Slot end crimp dies for pack presentation mounting (removeable version also available)
- Gas flushing
- Date coder installation (customer preference)
- Label applicator (customer preference)
- Integral Turntable
- Integral right angle discharge
- Left hand version (product flows from right to left)
- Extra heated seam crimp rollers for higher linier film sealing speeds
- Infeed extensions
- 2nd reel holder
- Film low early warning sensor
- Manual film splicing table facility with immediate machine stop on film break/run out
- Automatic film splicing facility
- Multiple fixed pitch functionality
- Constant gap functionality (on demand)
- Constant gap functionality (on demand) and fixed pitch functionality
- Cut to length (variable bag length) facility
- Pause bottom on infeed operator station
- Trim speed button on infeed operator station
- Air excluder device after end crimp
- Double Jaws

## Technical Data

<b>Electrical requirement</b>	380/440V 50HZ 3Ph N + Earth
<b>Electrical Load</b>	7Kva
<b>Pneumatic requirement</b>	4Bar minimum dry clean air supply
<b>Wrapping materials</b>	OPP, PLA, Heat sealing laminates, Cold seal

<b>End crimp shaft centre (mm) option</b>	108 126 156 186 201 250
<b>Pack Sizes: (Guide only)</b>	
<b>Length (mm)</b>	85-340/100-400/125-490 150-580/160-630/200-790
<b>Width (mm)</b>	20-300 20-300 20-300 20-300 20-300
<b>Height (mm)</b>	1-60 1-90 30-105 30-138 50-150 50-200

NB The Maximum bag height is dependant upon the required bag width.

<b>Reel diameter (mm)</b>	300 (max)
<b>Core diameter (mm)</b>	75
<b>Width (mm)</b>	650 / 850
<b>Machine speed</b>	20 - 250ppm (Dependant upon application)
<b>Noise emission</b>	Less than 70dba at 1m distance, 1.6m above floor

### Approx. machine dimensions:

<b>Length (m)</b>	4.7
<b>Width (m)</b>	1.1
<b>Height (m)</b>	1.4
<b>Approx. machine wt.</b>	1000Kg

The specifications stated above can be customised to suit individual applications

MADE IN  
THE UK

