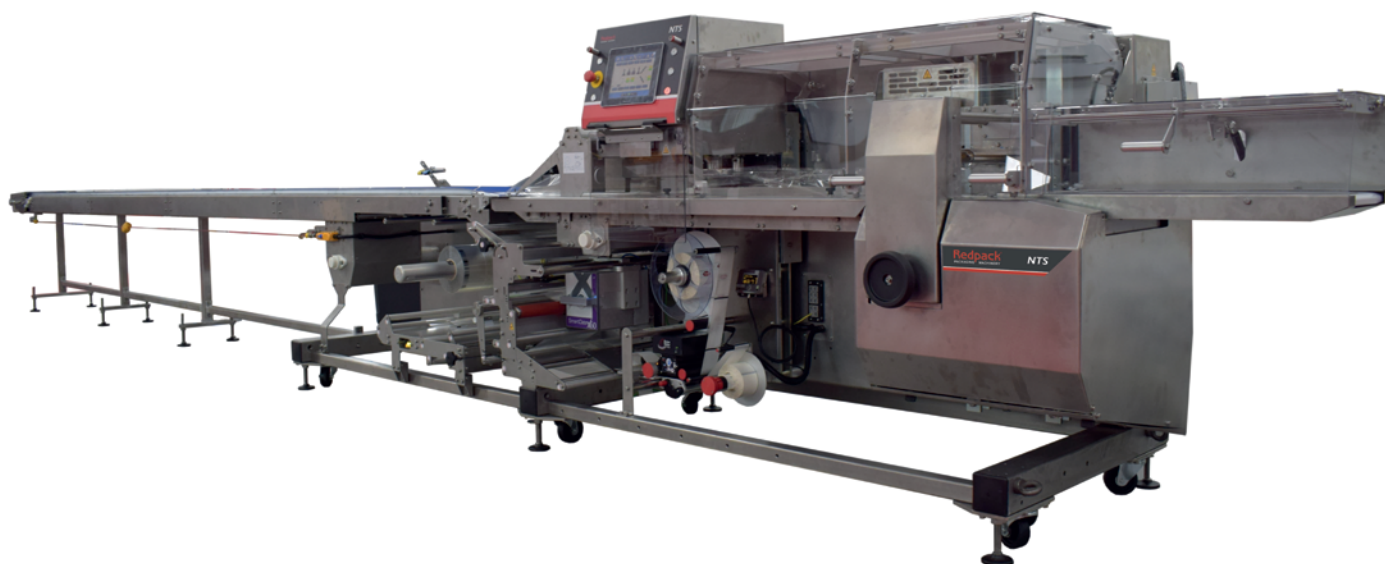


NTS Top Seal Flow Wrapping Machine For Herbs Without A Tray

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 to suit fresh cut herbs.

With nearly 50 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 servo 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 packaging machine.

MADE IN
THE UK



Drive System

- Servo drive to the infeed, seam crimp rollers and end crimp & film mandrel
- Motor driven adjustment for the inverted seam crimp height
- 10" 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 feature prevents the machine creating empty bags
- 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 centering adjustment
- Motorised film holder for constant tension film feed to match the film and seam crimps speed
- Reel run out switch stops the machine when the film runs out
- Hand-wheel adjusted self centering 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 (removable 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 linear 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)
- 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

Electrical Requirement	380/440V 50HZ 3Ph N+Earth
Electrical Load	7kVA
Pneumatic Requirement	4 Bar minimum dry air clean
Wrapping Materials	OPP, heat sealing laminates, cold seal

End crimp shaft centre (mm) option	108 126 156 186 201 250
Pack sizes: (guide only)	
Length (mm)	To suit
Width (mm)	To suit
Height (mm)	To suit

NB. The max bag height is determined by the required bag width!

Reel Diameter (mm)	300 (max)
Core Diameter (mm)	75
Width (mm)	650/850
Machine Speed (ppm)	20-250 (dependant upon application)
Noise Emission (dB)	Less than 70dba at 1m distance. 1.6m above floor

Approximate Machine Dimensions	
Length (m)	4.7
Width (m)	1.1
Height (m)	1.4
Machine Weight (kg)	1000

