

P325E Flow Wrapper

Redpack[®]
PACKAGING MACHINERY



Redpack's P325E is an industry leading Horizontal Flow Wrapping machine that has been designed for versatility and easy configuration to suit all Flow Wrapping applications.

With continuous development since 1977 the P325E is a proven, versatile packaging solution. The P325E is ruggedly manufactured and has precision engineered components housed in a steel fabrication providing minimum maintenance requirements and 24/7 production capability.

The P325E has a servo drive system that is simple for operators to use for adjustment to the required bag length and film print position. After adjustment, the electronic drive maintains the print registration to within 1mm of its set position.

These features ensure that the P325E 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
- 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 position (if a coder is installed)
- Electronic overload detection to prevent overloading the drive mechanisms
- Self correcting print registration position for print registered film
- Communication with other plant and equipment and production data collection
- Rugged mechanism to the infeed and end crimp drives
- Overload clutch fitted to the infeed and end crimp to prevent overloading the drive mechanisms

Machine Specification

- Fabricated stainless steel machine housing precision engineered components designed for production stability and 24/7 production capability
- Cantilever design to enhance hygienic cleaning and improve maintenance access
- Sealed for life bearings for low maintenance
- 2.0 metre product infeed with adjustable product infeed pushers and adjustable side guides (alternative arrangements are available to suit product and feed methodology)
- Adjustable fold box
- Infeed houses appropriate emergency stop positions
- Quick release reel handling mechanism
- Quick change product fold box
- Three sets of seam crimp rollers - first set cold, second set heated, third set film turnover
- Seam crimp release to prevent film melt when the machine stops
- Rotary end crimp with jaw centres to suit product requirement and 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
- End crimp timed stop to prevent film melt when the machine is stationary
- Perforated steel end crimp guarding with gas spring support for operator safety
- Product out-feed conveyor
- Stainless Steel food contact areas
- Adjustable foot mounting for stability
- Redpack Machines are manufactured in compliance with current European Community essential health and safety machinery directives and appropriate Harmonised standards. Full information is available on request

Optional Extras

- Alternative infeed arrangements to suit product requirement
- Variations to the fold box arrangement
- Reel run out switch stops the machine when the film runs out
- Film Perforator to perforate the film over-wrap to allow internal air to escape
- Carry over conveyor for small or difficult to handle products
- Second pair of heated seam crimp rollers
- Multiple end crimp jaw arrangement for small products and high speed production
- End crimp gusseting mechanism to 'tuck in' the end crimp seal for a neat finish
- Euro-Slot end crimp dies for pack presentation mounting
- Gas flushing
- Date coder installation (customer preference)
- Infeed extension(s) to lengthen feeding area
- Second reel holder with manual film splice facility to allow operators to have a reel in position ready for changeover and plate to enable film splicing
- Air clamping reel holder(s) available with inset scale to aid reel positioning
- Auto-splice to automatically splice the film on reel changeover to save reel changeover times
- Film low detection device to alert operators when film runs low
- Collation tamper device
- Label applicator installation (customer preference)

Technical Data

Electrical requirement	380/440v 50HZ 3Ph N+Earth			
Electrical consumption	7kVA (16 amps per phase max)			
Pneumatic requirement	4 -6 Bar, ISO 8573 -1 Class 6.4.4			
Wrapping materials	OPP, Heat sealing laminates, Cold seal, Paper			
Pack sizes:				
End crimp shaft centres (mm)	108	126	156	186
Length (mm)	130-340	150-400	180-490	215-580
Width (mm)	20-250			
Height (mm)	1-60	1-75	30-105	30-138
N.B. The maximum bag height is dependant on the required bag width.				
Reel diameter (mm)	320 (max)			
Core diameter (mm)	75			
Width (mm)	650/850			
Machine speed (ppm)	20 - 450 ppm (Dependant on application)			
Noise emission	Less than 70dBa at 1m distance, 1.6m above floor.			
Approx. wt. (kg)	800			

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

