

## 200% INSPECTION MACHINE

- INSPECTION OF PHARMA & SECURITY LABELS
- HIGH SPEED SERVO DRIVEN LINEAR BUFFER FOR RE-INSPECTION
- FULLY INTEGRATED 100% INSPECTION SYSTEM & INK-JET MODULE



The PHARMA<sup>2</sup> is a new Bi-directional 200% Inspection machine. A servo driven linear buffer reverse the web for fault placement and re-inspection. The buffer movement is ultrafast and precise and guarantees no missed faults detected by the inspection system. Web tension and slitting is unaffected by the reverse movement in re-inspection mode.

## LATEST INNOVATIONS FROM GRAFOTRONIC

### Intelligent unwind unit

Built-in measuring system of master roll and automatic set up of web tension throughout the machine  
Lift for heavy rolls available

### Drive system

Latest servo technology for full web control during high speed of 350 m/min [1148 ft/min]  
Machine in solid construction and perfectly balanced

### Bi-directional inspection table

Table with additional splice station, for installation of 100% Inspection system  
High-speed integrated trolley servo buffer underneath table  
Stable movement back / forward with +/- 0,2 mm tolerance [+/- 0,01"]

### Ink-jet module

Module for ink-jet numbering  
Inspection of numbers available

### Inspection

Operator friendly area for visual inspection with a clear view and easy fault replacement  
Driven waste shaft for meters of waste  
Most 100% inspections systems available  
Minimum reaction times for high-speed inspection

### Slitting system

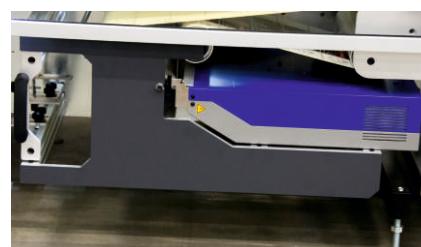
The revolutionary SCI-FI KNIVES automatic knife positioning system.  
Set up time: 1,5 sec/knife  
Min slitting width: 15 mm [0,6"]  
Razors and quick-change shear knives also available



Intelligent unwind unit



Servo infeed unit



Backside ink-jet module with inspection



High-speed servo buffer



Clear view inspection table



SCI-FI KNIVES

## TECHNICAL SPECIFICATIONS:

- Web widths: 350 mm / 450 mm [14" / 18"]
- Max. mechanical speed: 300 m/min [984 ft/min]
- Max. re-inspection speed: 105 m/min [344 ft/min]
- Drive: Fully Servo driven
- Unwind diameter: 800 mm [31,5"] / 1000 mm [39"]
- Max. rewind diameter: 600 mm [24"] / 2x600 mm [2 x24"]
- Min. slitting width: 12 mm [0,47"]
- Min. slitting width with SCI-FI: 15 mm [0,6"]
- Operation: R/L or L/R
- Size: L 3300 x W 1300 x H 1800 mm

### Rewind unit

Semi-turret: turret for rolls up to 420 mm [16½"] in turret mode or 600 mm [24"] on 1 shaft  
AUTOCUT automatic web cutting and start of new cycle  
Single & Dual rewind: for label and mono film materials with perfect and automatic tension control  
For rolls up to 600 mm [24"]

### Rewind shafts

With the new Q-SHAFT you turn 1 handle 180 degrees  
Q-SHAFT is quick, easy and hassle free