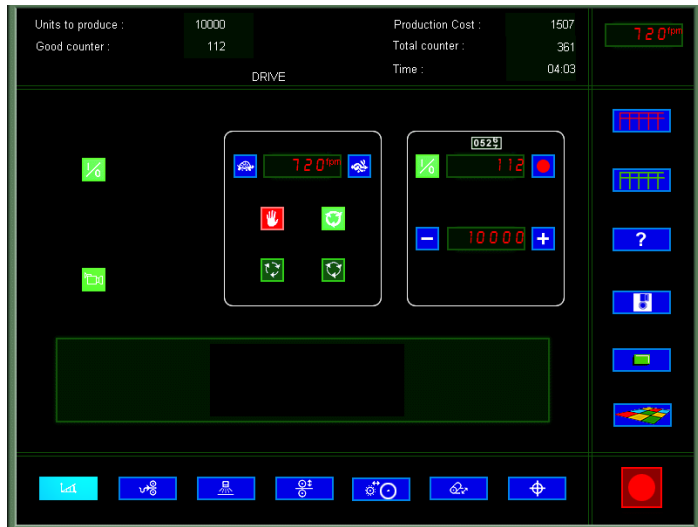


Technical descriptive sheet

Flexo Printing Simulator – FlexSys CI

Press Console



Web tension

Reel-Stand Pressure
Side-Lay (Lateral) Web Position
Nip Pressures And Tensions

Inking

Inking Pressure
Printing Pressure
Doctor Blades Or Fountain Roll Pressure
Ink Pump Speed
Viscosity And pH Sensors

Drying

Dryer Temperature And Airflow
UV Curing Level

Registration

Print Register

Press



Press Components



Print Unit

Plate Cylinder Unit
Plate Cylinder
Gears - Plate Cylinder

Mounting Tape
Printing Plate

Inking system

Fountain Roll
Doctor Blade

Mounted Anilox Cylinder

Anilox Roll
Gear - Anilox

Dryers

UV Curing
Heat Source
Drying Chamber
Supply Fan
Exhaust Fan

Chill Rollers

Air Conditioning Device

Web handling

Unwind Section
Brake
Nip Roll System
Web Guide System

Infeed section

Web Cleaner

Anti-Static System

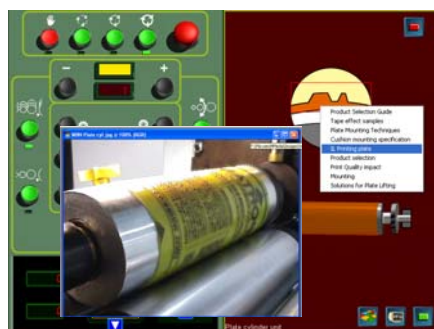
Corona Treatment

Idler Rolls

Slitter

Rewind Section
Dancer - Rewind
Lay On Roll
Web Viewer

Personalized Opportunities



Multimedia

(pictures, videos, text, presentations, safety information, documents, procedures, pdf, etc)

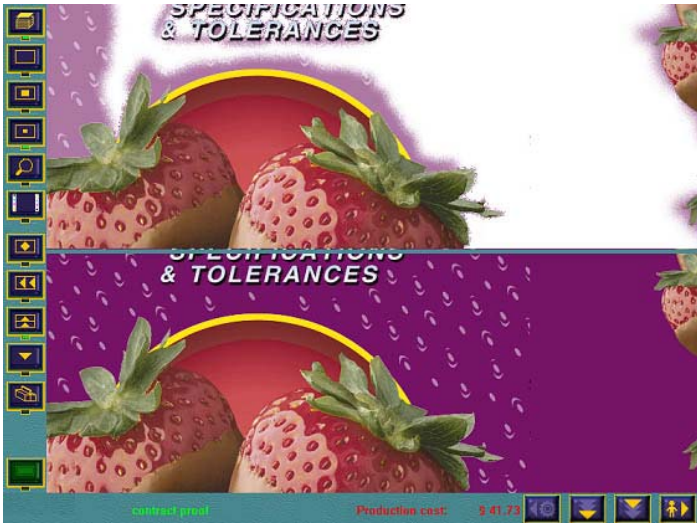
Industrial production costs

Creation of training courses

Customized press settings

Customization of materials and components used -Customized print jobs for simulation

Potential Faults



Adhesion
Bleeding
Blocking
Bounce
Brittleness Of Ink
Chattering

Color Off
Comet Streak
Curling
Dirty Print
Die Cutting Through
Liner

Shrinking
Flooding
Ghosting
Grease Stains
Halo
Ink Rotation

Distortion Of Substrate
Donuts
Dot Gain
Double Inking
Dragging
Dropped
Dots
Distortion Of Plate
Explosion
Feathering
On Trailing Edges
Fill-In
Film
Ink Starvation
LFL Problem
Lines
Mark
Marks On Web Edge
Mis Register
Mis Register (Print-Structure)
Moiré
Mottle
No Printing
No Slitting
No Substrate
Picking
Pinholing
Press Stop
Printed Dust
Repeat Length
Reticulation
Roll Not Shippable
Scratches
Set Off
Skipout
Slitter Jam
Slur
Splashing
Striations
Substrate Burned
Production Width
Tracking
Trapping
Undesired Odor
Uneven Print Colors
Unreadable Bar Code
VOC Level
Wrong Cutting Length
Wrong Color
Wrong Density
Wrong Design
Web Break
Wrinkles

Print Display and Analysis

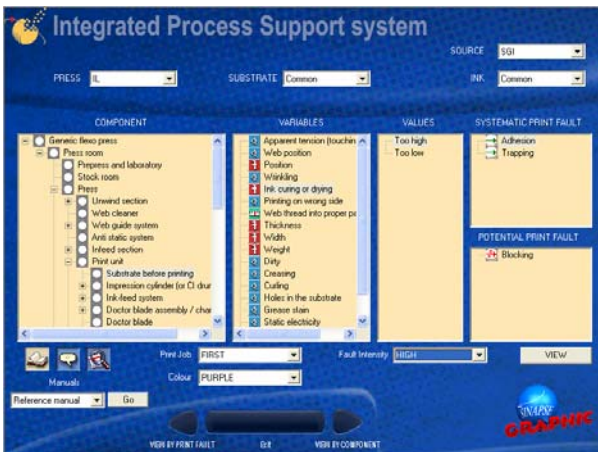


Display

Full Image Size
Quarter Image Size
Sixteenth Image Size
Print Copy Vs Contract Proof Copy
Control Strips
Tools
Densitometer
Magnifier
Spectrophotometer

Adhesion Test
VOC Levels
Production Information
Substrate Type
Ink Type
Anilox Roll Settings
Metering System
Good & Bad Copies
Cost & Time

Diagnostic Help System – FLIPSS



Interactive diagnostics with all possible causes for current simulated problems along with explanations and suggested solutions

04/2004 – Specifications subject to change



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