

# JETSCI VSRI

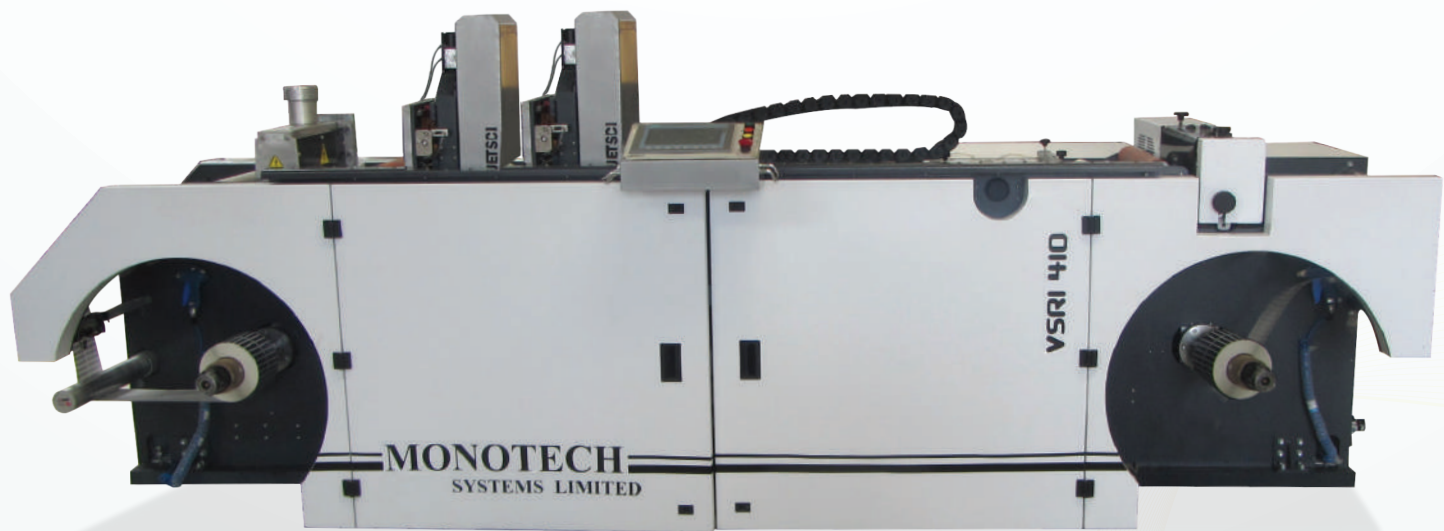


## Variable Data Inkjet Printing, Slitter Rewinder and the Inspection System

Monotech Systems, a renowned name in the supply of state of the art and innovative solutions to the converting, security and label, printing industry for over 18 years; offers it's own in-house developed and manufactured range of high performance slitters and rewinders for label printing industry. VSRI having the capability of printing Variable data (UV or Water Based Inkjet) with JETSCI Y or M series Inkjet Printing System and 100% Camera Inspection and verification of printed variable data. This complete solution is perfectly designed to address the counterfeiting issues smartly. Customer can personalise every label/ document with unique barcode, 2D/QR Code, Text, Number, Images, and many more which can be verified by high resolution camera inspection system.

### Features :

- Slitter Rewinder (fully servo driven)
- Speed up to 150 m/min
- Up to 450 mm web width
- Loose and tight web tension control
- 600 X 600 dpi
- UV curing system
- Multiple lane Inkjet printing
- VDP camera inspection
- Track & Trace module
- In-line Corona treatment
- Static eliminator



### Specifications :

- Web width in configurations of 250/330/410/450 mm
- Max. 1000 mm Rewind and Unwind Dia
- Speed up to 150 m/min.
- Adjustable Pneumatic or Power brake to control unwind tension
- Electronic Web Guide or Floating Unwind
- Variable motor speed control with dynamic braking
- Pneumatic Shaft with 76 mm Core Dia as standard
- 2 X Adjustable splice table
- Inspection & correction table with Stroboscope for easy print inspection at higher speed
- 2 X Servo driven Nip rollers Assy for perfect tension in loose wound webs (optional)
- Supply Voltage 440V 3 Phase 50 Hz. AC

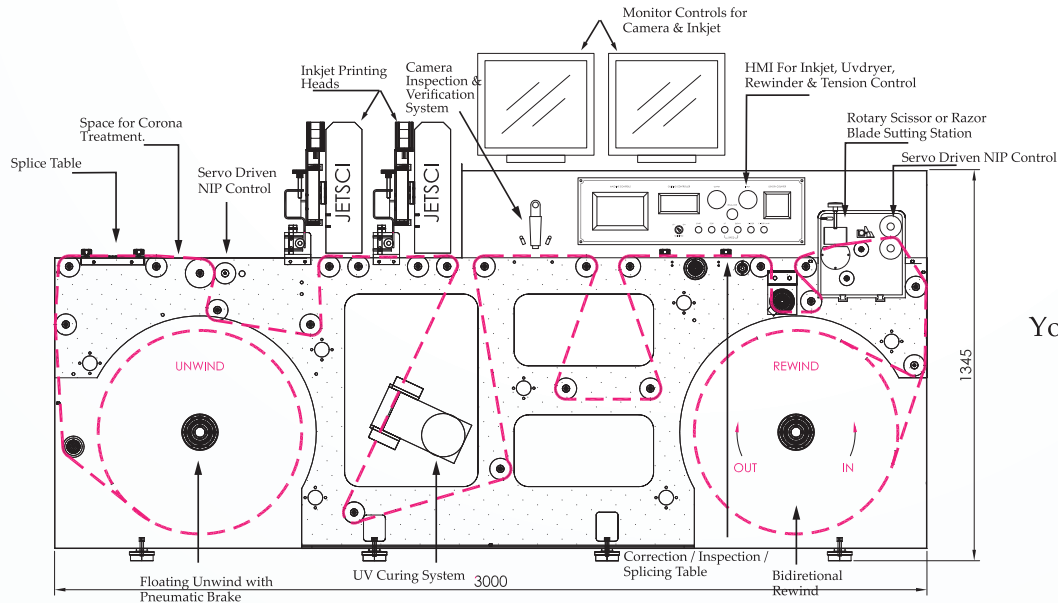
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## Optional Accessories :

- Rotary Scissor or Razor Blade Slitting
- Rotary Die Cutting
- Web Inspection Camera
- Multiple lane Missing Label Detection
- Flexo Printing Station
- Dual/ Waste Rewind



You Tube Channel (Videos):  
JETSCI Global



## Specifications of Inkjet VDP models and Camera System

Model	JETSCI M Series	JETSCI Y Series
Inkjet Type	Piezo Drop On Demand Inkjet Print head Technology	
Print width	Multiples of 72 mm	Multiples of 108 mm
Web width	Up to 450 mm	
Print Resolution	360 X 360 DPI	600 X 600 DPI
Drop Sizes	13pL (8 Level Grey Scale)	6,7,11,14 pL (4 Level Grey Scale)
Speed	Up to 75 m/min	Up to 100 m/min
Positioning	X - Z axis movement of print heads fully controlled through servo motors and touch Screen HMI.	
Ink Type	Aqueous (Water Based) / UV Curable - Arc + LED	
Color(s)	Black/Spot Color/Varnish/White	
Substrates	Paper, Glossy, Coated, PET, BOPP, LDPE, Metallic, Tyvek etc.	
System Configuration	Industrial PC with 64- Bit Windows 7, 16/32/64 GB RAM, 500 GB HDD	
Data Type	Csv, txt, xls, tiff, jpeg, and other data base files	
Camera Type	Multiple Lane Line Scan or Area Scan Camera	
Inspection	Barcodes/ QR/2D Codes/ OCR inspection & verification	
Report	Complete report on the verified / rejected labels and comparison with original data base	
Electrical Requirements	110 - 240 V, 50 - 60 Hz, 10 A ( Inkjet & Camera System)	

Above specifications are standard and does not apply to all systems. Please discuss the applications & requirements with our sales representative and consult our technical team before making any site preparation.

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