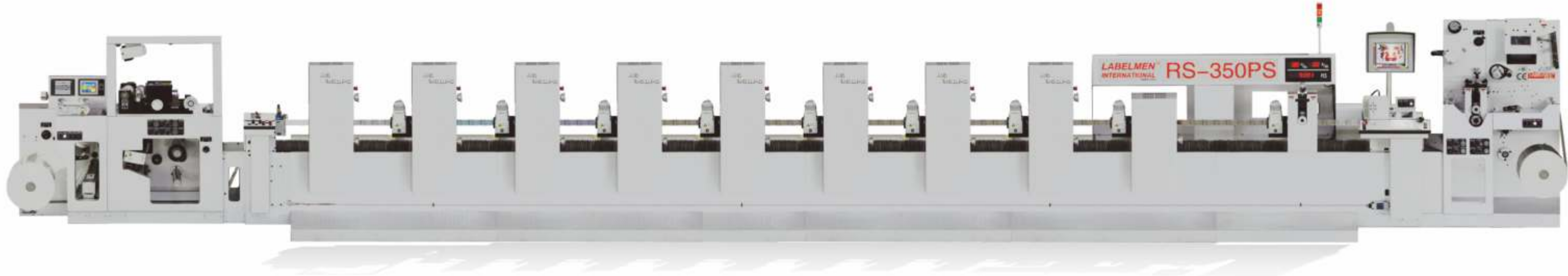# LABELMEN ®

INTERNATIONAL

SINCE 1965

Future Definition

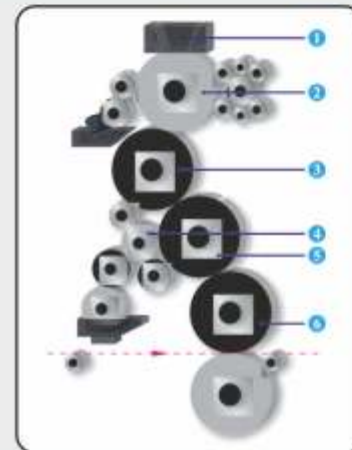# RS-350PS Full Rotary/Intermittent Offset Printing Machine

Key Features

Digitalized Offset Press: Ani-Print Inking System

The most advantageous feature of Ani-Print Inking System is the zoneless short inking unit. Via ceramic cell screen inking system; with superb dampening circulation solution, operators can easily achieve finely ink-water balance. In addition, it not only provides consistent ink application but also accelerates the printing set-up time, which dramatically reduces make-ready times. Compared to traditional offset printing machine, the wastage can be saved up to 90%. Together with special design of inking form rollers, the printing quality can be perfectly fulfilled without ghosting.

Double ink layer thickness (3~4u) than conventional UV offset printing (2u); four times thicker ink layer than conventional sheetfed offset printing (1u); change to lower meshes Anilox ink fountain cylinder is around equal ink layer thickness as flexo printing (4~5u).

Intermittent Offset

Concerning about the normal Intermittent Printing System, the most obvious advantage is the better flexibility, which can be achieved by printing jobs in different sizes via simple customized operation without changing cylinders. However, there is always give and take. The biggest defect of normal Intermittent Printing System is the drawing back of material by a drive roller in terms of different length setting and then the material would be scratched easily. Furthermore, it cannot equip Corona Treater, Web Guide System and Cold Stamping Station etc. This is really limited for the printing convenience and accuracy by traditional system.

Labelmen R&D department realized customers' needs and made a breakthrough that other competitors' cannot catch up. With the Innovative and Special Tension Control System, after Full Rotary unwinding, RS-350PS can equip the Corona Treater, Web Guide System and Cold Stamping Station etc. Unlike drawing back the material, it can be feeded smooth with intermittent printing actions then rewinding in Full Rotary after printing. In addition, the Martin Non-Stop Butt Splicer, Turret Rewinder and Accumulator can be installed in order to enhance efficiency and reduce wastage.

Multi-Functional Flexo Printing Station

RS-350PS equips a Multi-Functional Flexo Printing Station, which perfectly fulfill customers' various requirements.

With this useful device, the far better opaque white 1st color printing can be completed before offset printing. In addition, either Cold Stamping or Back Side/Adhesive Side Printing can be attained via the Multi-Functional Flexo Printing Station. This overcomes what normal Intermittent Printing System cannot achieve. Also, this not only improve printing flexibility and variety but also save lots of time and manpower costs for the 2nd pass production.
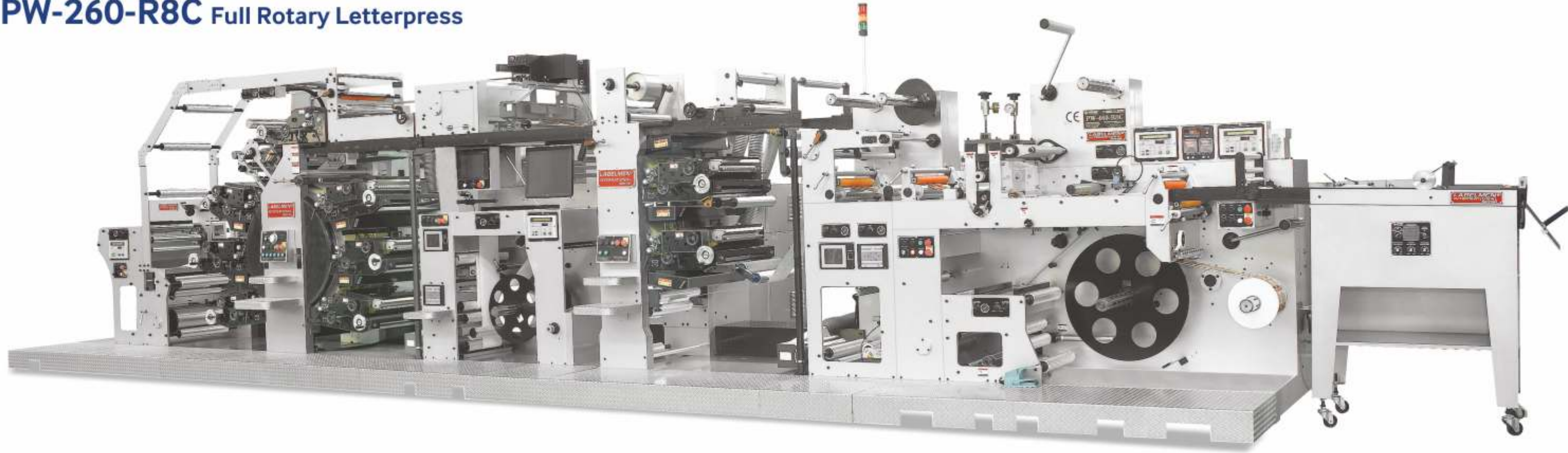

Machine Parameter		RS-350PS
Max. Web Width		360 mm
Max. Printing Width		350 mm
Max. Printing Length-Rotary		428 mm
Max. Printing Length-Intermittent		350 mm
Min. Printing Length-Intermittent		120 mm
Max. Unwinder Diameter		650 mm
Max. Rewinder Diameter		650 mm
Max. Laminating Diameter		300 mm
Rotary Die-Cutting Teeth		136 T
Machine Length		17 M
Electricity	UV	380V / 50Hz / 3 Phases / 75A
	Machine	380V / 50Hz / 3 Phases / 63A
Compressed Air		1 HP

Key Applications

- PS Labels
- Supported Film Stock
- Paper Labels
- Folding Cartons

PW-260-R8C Full Rotary Letterpress

Key Features

Quick job set up

Quick change plate cylinder with gear, pre-registered impression drum for all printing stations etc makes the fastest job set up speed for this type of machine in the world.

Higher resolution by lower cost

UV letterpress as main printing stations, not only the resolution is higher than flexo (assist printing station), dots and solid color can be in one plate / station printing (unlike UV flexo must use 2 plates / stations), but also the consumer cost (e.g. plate, ink etc) is much less.

Use cold foil stamping glue applying by UV letterpress station can get better stamping effect (than flexo) also due to above reasons (e.g. thinner glue layer benefit for micro icon stamping etc).

Widest substrate types

Perfect tension control and electrostatic solution etc is able to handle various printing substrates from 12u to 400u thickness (depends on substrate type).

Maximized applications

Your label's total solution not only for pressure sensitive, glue applied, sleeving, in-mold labels etc, labels, but also can be for booklet label (e.g. 6 layers, 3 folders etc), tube (e.g. tooth paste, facial cleaner), lid (e.g. yogurt, instant noodle cup), cone (e.g. ice cream), flexible packaging, capsules pack, drip bag etc. Food grand pack printing solution possibility.

Various combinations:

Various combinations for machine units e.g. UV letterpress, UV flexo, UV rotary silk screen, back side printing, adhesive side printing, doubled color quantity (than printing station numbers) printing, cold foil stamping, laminating (none-adhesive film, with or without liner, with or without tension control etc), rotary die-cutting (face die-cut, bottom die-cut, kiss-cut, through-cut, perforating, embossing), flat-bed die-cutting (perforating, embossing), computer sprocket hole punching, rotary slitting (perforating), rotary sheeting, cool UV, chilled roller,

EPC web guider (E+L), web cleaner, corona treatment, static eliminator, register camera & monitor (E+L), full inspection head & monitor (E+L Smart Scan), Remote ink control (AVT Mercury), CIP3 (artwork direct command inking from AVT), 1 or multiple unwinders, 1 or multiple shafts rewinders, full automatic STS butt splicer & STR turret rewinder (for non-stop printing from Martin Automation), deliver stacking etc can be selected in one machine.

Specifications		PW-260/460
Print station		4-8 sets
Flexo varnish print unit		optional
Gearing		1/8" cp
Max. web width		260/460 mm
Max. printing width		250/450 mm
Unwind roll dia. Max.		800 mm
Rewind roll dia. Max.		800 mm
Print speed max.		100 m/min
Print Length	Max.	460.375 mm
	Min	190.5 mm
Machine weight	Net weight	9,960 kgs
	Gross weight	10,860 kgs
Machine Size (W*L*H)		300*600*233.5 cm

Key Applications

- Labels
- Flexible Packaging
- Laminated Tube
- IML, Lid, Box

Label Finishing and Accessories

DW-360 II Dual Stations Die-Cutting Machine

Specifications	DW-360II
Max. Pressing or Punching Area	200x300mm
Max. Die-Cutting Area	280x330mm
Max. Paper Width	360mm
Max. Length Advancing	300mm
Die-Cutting Speed	60-250imp/min
Main Driver Servo Motor	3.5KW
Unwinder	1
Upper & Lower Chase	1
Tool	1
Servo Control & Scanner	1
OPP Laminating Device(OPP)	1
W-20A	1

DW-320 Special Die-Cutting & Cut Through Machine

Specifications	DW-3230 IML
Max. Die-Cutting Area	310*320 mm
Pressing or Punching Area	320*450 mm
Max. Web Width	320 mm
Max. Length of Web Advancing	320 mm
Die-Cutting Speed	60 ~ 250 1MP/min
Main Drive Servo Motor	2.25 kw
Power & Motors OPP Unwinding Motor	40*1 w
OPP Waste Rewinding Motor	40*1 w
Die-Cutting Waste Rewinding Motor	40*1 w
Machine Weight Net Weight	2750 kgs
Gross Weight	2900 kgs
Machine Size (W*L*H)	130*180*175 cm

PWS-310 II CNC Automatic 2-Color Roll to Roll Silk Screen Printing Machine

Specifications		PWS-310 II CNC
Screen Frame Area		500*450 mm
Max. Print Area		300*300 mm
Max. Web Width		310 mm
Max. Squeegee Traveling		380 mm
Max. Length of Web Advancing		300 mm
Printing Speed		20 ~ 60 1MP/min
Power & Motors	DD Drive Motor	2*1 kw
	Air Suction Motor	0.4*2 kw
	Main Drive Motor	0.4*2 kw
	UV Dryer – 4 Lamps	3.6*4 kw
Machine Weight	Net Weight	2050 kgs
	Gross Weight	2300 kgs
Machine Size (W*L*H)		100*380*185 cm

PWS-450DH Automatic Roll to Roll Slik Screen Printing Machine

Specifications		PWS-450DH
Screen Frame Area		800*650 mm
Max. Print Area		450*550 mm
Max. Web Width		460 mm
Max. Squeegee Traveling		620 mm
Max. Length of Web Advancing		460 mm
Printing Speed		20 ~ 60 1MP/min
Power & Motors	DD Drive Motor	2 kw
	Air Suction Motor	0.75 kw
	Main Drive Motor	0.75 kw
	UV Dryer – 4 Lamps	5.5*2 kw
Machine Weight	Net Weight	1800 kgs
	Gross Weight	2100 kgs
Machine Size (W*L*H)		125*270*175 cm

Monotech Systems Limited

Monotech Systems Ltd is a leading manufacturer and solution provider of high end, high performance and reliable products and solutions for printing, packaging industry in India representing a number of world renowned companies and have pioneered the introduction of modern equipment and systems to the Indian Printing Industry. Established in 1999, the company has been consistently achieving sound growth in business year by year and has become market leaders in its field and an array of segments. This growth comes from the company's ardent commitment to customers, genuine intention to succeed, meticulous teamwork, consistent attentiveness to customers and outstanding professionalism. The company is backed with highly skilled and committed employee base focused on total customer satisfaction by providing efficient, superior products and solutions with customer friendly services. Monotech has its corporate and registered office in Chennai and has extensive sales and service support across the nation.

Labelmen Machinery Co. Ltd.

Labelmen is a renowned name in printing industry for more than 50 years, specializing in manufacturing of Rotary Letter Press, Offset Press, Die-Cutting and Letter Press. According to short-run printing with high variety and cost down requirements. Now days, Labelmen has become a trademark of professional label press worldwide and even the leading brand of the product range.