WORLDLY

WRP-HI Series

Computerized High Speed Rotogravure Printing Press

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WRP-HI Series

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WRP-HI-1300

1 2 3 4 5 6 7 8 9 10

In pursuit of efficient high quality printing machinery, Worldly develops machines featuring user friendly automatic operation and high stability of mechanical equipment made by specialized technology and deliberate design. Throughout the use of a central control system, including PLC control, human-machine touch screen interface and automatic alarm systems, technical operators can easily and accurately monitor the required printing quality. The splicing design is a collaboration of vertical and horizontal movement splicers, combined with tracking pressure rollers this design insures accurate and stable splicing. An Eco- Friendly Exhaust Heat Recycling system is specially built into the design, reducing high amounts of energy costs and also helps save the environmental at the same time.

Options

☐ E.L.S Sectional drive
☐ Vertical & Horizontal splicing device
☐ Auto Inspection device
☐ Ink viscosity controller
☐ Ink circulating pump
☐ Split printing function
☐ Pre-heat chamber
☐ Turn Bar
Drying system options: Electric,Thermal oil, Gas burner ,Steam

Standard

Auto registration controller
Web video scanner
Edge position controller
Ink furnisher roller device
Heating recycling system
Quick change over doctor blade holder
Ink tray tilting device

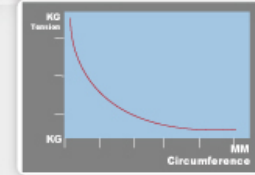**Shafted or shaftless duplex turret winders with automatic splicer**

Horizontal central type splicer with tracking roller design

E.L.S sectional straight drive system

Multi-tension mode selection: Straight / slop / curve

KG Tension

KG

Circumference MM

The speed of Ink furnisher roller can be adjusted as Auto/Manual

Vertical straight splicer provides perfect splicing for all sized materiel rolls

Heat recycling system is able to recover up to 30~35% of reusable energy

Integrated control panels managing operation, temperature, tension, printing registration...etc

Maximum Speed depend on relevant condition, such as material and thickness

Model Machine	WRP-AS	WRP-MV	WRP-HI	WRP-GS
Kind of Web	All kind of Plastic films, Paper (up to 100gsm), Al-foil etc			
Number of Colors	1~12 colors (Option:straight type, split type, In-line coating or lacquering or lamination)			
Web Width	800~1300mm			
Idle Roll Width	900~1400mm			
Mechanical Speed	200 m/min	230 m/min	270 m/min	320 m/min
Operation Speed	180 m/min	220 m/min	250 m/min	300 m/min
Unwind Unit (Roll Diameter)	(Option) Shafted or Pneumatic Shaft-less (Ø600 / Ø800 / Ø1000 mm)			
Cylinder Size (mm)	Circumference 350~900mm			
Cylinder Chucking	Shafted or Pneumatic Shaft-less			
Impression Roll	Single roll	Single roll or Two rolls Turret ype		
Dryer (m)	Depending on Speed			
Drive	Mechanical Drive	Mechanical drive or E.L.S Sectional Drive		
Rewind Unit (Roll Diameter)	(Option) Shafted or Pneumatic Shaft-less (Ø600 / Ø800 / Ø1000mm)			
Dryer Heating	Electric heater/ Gas burner / Thermo oil / Steam			