

RF-330 | ROTARY & SEMI ROTARY FLEXOGRAPHIC PRINTING PRESS



The RHYGUAN RF330 is a servo driven flexographic printing press with maximum speed up to 180 m/min in rotary mode and 60 m/min in semi-rotary mode. With a minimum print size of 50.8 x 150 mm in semi-rotary mode, users can significantly reduce the consumption of plates and tapes, which makes it cost effective to handle print proofing and small-batch orders.

RF-330	ROTARY	SEMI-ROTARY
Gear pitch	3.175 mm	
Max. web width	333 mm	
Min. web width	160 mm	
Max. mechanical speed ①	180 m/min	60 m/min
Max. format length	609.6 mm (24")	320mm (12.6")
Min. format length	254 mm (10")	50.8 mm (2")
Substrate thickness	0.05-0.25 mm	
Maximum number of flexo stations	12	
Auto Registration accuracy	±0.1 mm (print direction)	
	±0.1 mm (across the web, option)	
Max. unwind and rewind diameter	1,000 mm	
Air mandrel	76 mm (3")	
Suitable inks	UV ink , water based inks optional for last flexo station	
Curing system	Led UV & Mercury lamp, hot air dryer optional for last station	

① Printing speed depends on type and thickness of substrate, repeat length (semi-rotary mode), ink layer area & thickness, etc.



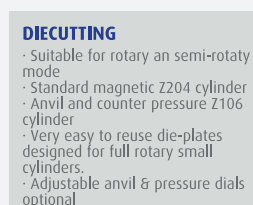
UNWINDER

- Cantilevered lifting air shaft with Max. diameter 1000 mm capability
- 76 mm air expanding mandrel
- Electronic web guide with ultrasonic edge guide sensor
- Servo-driven tension roller
- Servo-driven horizontal swing roller for semi-rotary
- Pneumatic driven dancing roller
- Web cleaning and corona device optional



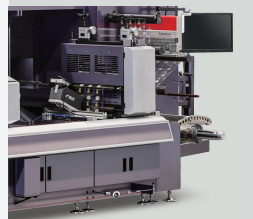
REWINDER

- Cantilevered lifting air shaft with Max. diameter 1000 mm capability
- 76 mm air expanding mandrel
- Waste rewinder optional
- Upper rewinder with Max.760 mm capability optional



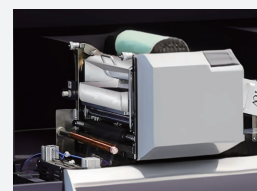
DIECUTTING

- Suitable for rotary and semi-rotary mode
- Standard magnetic Z204 cylinder
- Anvil and counter pressure Z106 cylinder
- Very easy to reuse die-plates designed for full rotary small cylinders.
- Adjustable anvil & pressure dials optional



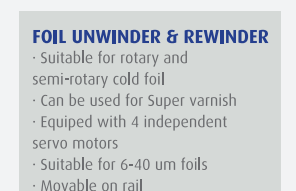
FRAME

- Build upon a strong and reliable cast iron base and top frame-plate.



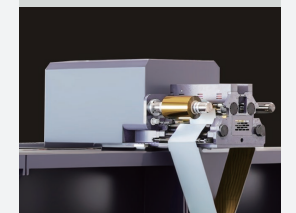
FLEXO PRINT UNIT

- Pre-registration
- Easy to use system
- 22.5" water chilled impression cylinder
- 4.3" independent touch screen.
- Suitable for UV inks.
- 15" moveable touch screen
- Water based ink suitable in last station optional
- Led UV or Mercury UV
- Exchangeable device optional
- Hot air dryer optional for last station



FOIL UNWINDER & REWINDER

- Suitable for rotary and semi-rotary cold foil
- Can be used for Super varnish
- Equipped with 4 independent servo motors
- Suitable for 6-40 um foils
- Movable on rail



OPTION

- Web turn bar
- Delam & relam
- Converyor
- Slitting
- ...

