

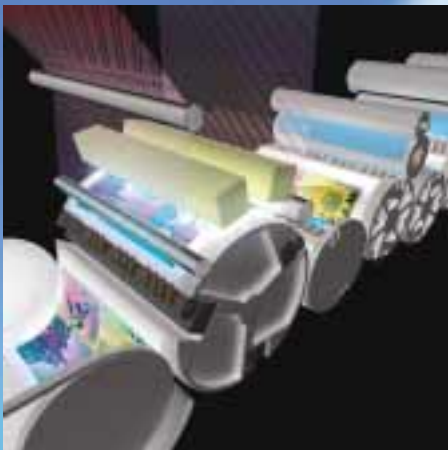
Inline UV Casting System

Optional Equipment for the RYOBI 750 Series

Enhance the high value-added printing of the RYOBI 750 Series by holographic coating!

Greater competition in the printing business has strengthened the need for printing companies to differentiate themselves from their competitors. One way is through high value-added printing with the new inline UV casting system developed for the RYOBI 750 Series. After printing and UV varnish coating, the inline UV casting system covers the printed sheet with a special film, then irradiates it with UV

ray to cure the UV varnish. Transfer of the film pattern onto the varnish coating enables high value-added holographic effects to be produced inline, boosting productivity and reducing workspace requirements. This inline UV casting system further enhances the high value-added printing of the RYOBI 750 Series, effectively adding competitive edge of printing companies.



RYOBI®

■ UV Casting

Film with the same pattern throughout



The film pattern is transferred to the entire surface of the varnish coating.

Film for treating part of the image



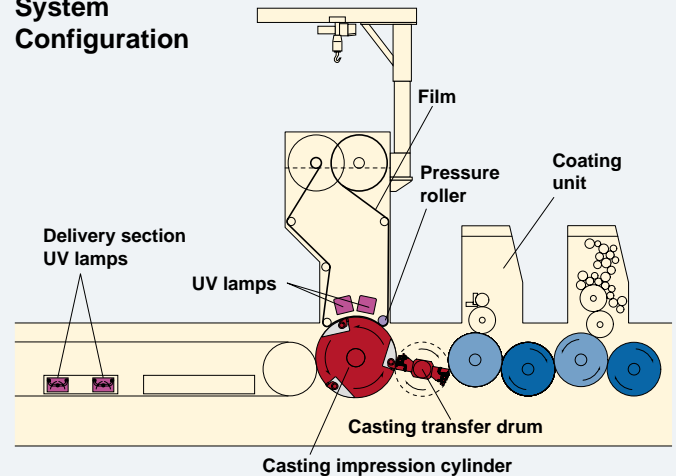
The film pattern is transferred to only selected parts of the varnish coating.

Features of the Inline UV Casting System

1. Produces holographic effects on varnish-coated printed sheets by inline.
2. Space-saving inline installation on the RYOBI 750 Series.
3. Several film patterns are available and custom designs are possible. Film can be rewound and reused several times or more.
4. The same UV lamps can be used for both the casting system and delivery section. TwinRay* UV lamps minimize heat transfer to the paper and film.
5. The grippers reliably transports the paper, enabling casting with consistently high register precision.
6. The lamp unit drops down during casting and remains in a raised position when not performing casting.

*TwinRay is a registered trademark of Adphos (Eltosch) AG.

System Configuration



■ Applicable models (models equipped with a UV varnish coater)

RYOBI 754	4-E
RYOBI 755	5-E
RYOBI 756	6-E

■ Specifications (model exhibited at IGAS 2007)

Item	Specification
Film	Thickness 0.025 mm (0.001") Size 788 mm X 5,000 m (31.02" X 3.107 mi.)
Processing speed	3,000 ~ 15,000 sheets per hour, synchronized with the press. Processing speed is different depending on printing quality required.
Height (Inline UV casting section)	3,778 mm (12' 5")

RYOBI

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