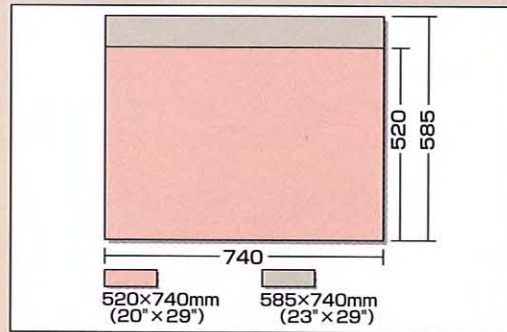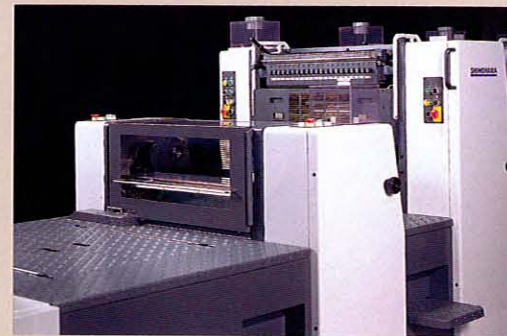# Expand Your Business with the Multicolor Shinohara 74

In today's competitive printing environment, the businesses that thrive will be those with the flexibility and speed to meet a wide variety of customer needs quickly. The multicolor Shinohara 74 expands your business by providing high-quality printed materials on larger sheets and thicker stock. Other innovative components help to increase your work efficiency and quality, and allow you to add a glossy finish to printed goods.
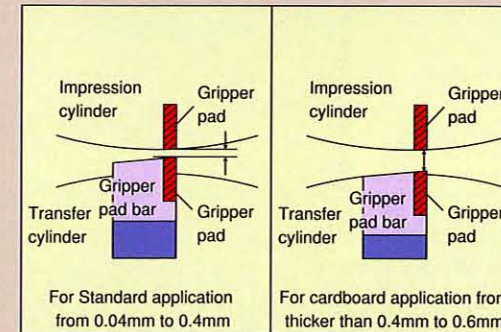
Bigger Sheets

The multicolor Shinohara 74 offset press comes in two form factors - the standard 520 x 740mm (20" x 29") size and the enlarged 585 x 740mm (23" x 29") size. The 585 x 740mm (23" x 29") version can be used to print 6-up, 215 x 279mm (8 1/2" x 11") sheets, and 4-up, 257 x 364mm (10 7/64" x 14 21/64") sheets.

OPTION
Glossy Finish

Shinohara's easy-to-use aqueous inline coater adds a glossy finish and greater durability to your printed materials. The inline coater is used in conjunction with a hot air dryer and an infrared dryer.

OPTION
Thicker Stock

The straight multicolor Shinohara 74 can be equipped with an optional convertible cardboard printing system that accepts up to 0.6mm thick stocks, broadening the range of products your business can offer.
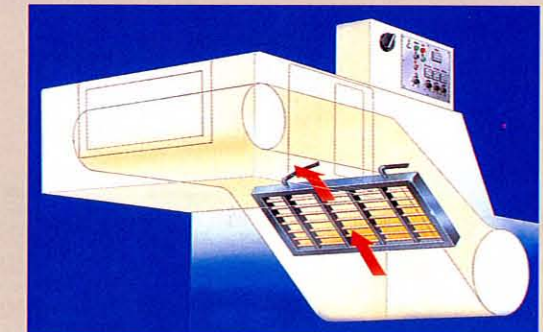
OPTION
Infrared Dryer

The infrared dryer is used to set the ink on printed sheets, reducing the amount of spray powder necessary to prevent offset after printing. Its use enables higher delivery piles, more efficient post-print processing, and a cleaner work environment. Medium-wave (non CE-certified Japanese JARD) and high-speed short-wave (CE-certified Swedish IVT Graphics) models are available.

Illustration : JARD IR Dryer System

The Multicolor Shinohara 74 Your High-performance Partner

Based on widely-recognized Shinohara commitment and technology, and meticulously innovated to maximum functionality and ease-of-use, the multicolor Shinohara 74 printing press provides the world-class performance and durability to take your business to a higher level. Step up to the multicolor Shinohara 74 printing presses, and turn precision into profits.

Major Features

Standard	Optional
Feeder & Register Systems	
• Preloading feeder pile	• Blast foot static eliminator
• Mechanical double-sheet detector	• Nonstop feeder
• Electronic double-sheet detector	• Pallet feeder pile table
• Feeder timing microadjustment	• Side guided paper detector
• All-together brush/wheel adjustment	
• Feeder pile lateral adjustment	
• Skewed sheet detector	
• Overrun sheet detector	
• Suction belt	
Inking & Dampening Systems	
• Remote ink key / ink fountain roller adjustment	• IPA automatic supply system
• Remote dampening fountain roller speed control	• Ghosting reduction ink form rollers
• Continuous dampening system	• Temperature controlled printing system for conventional /
• Dampening solution refrigeration and circulation device	waterless printing
• Random slide self-oscillating rollers, Rilsan-coated steel	• Automatic ink roller cleaning system
rollers, and anti-emulsification air knife	• Ceramic dampening fountain roller
• Ink wash-up blade / washup tray	• pH controller for dampening solution
Cylinder System	
• Plate cylinder lateral / radial remote control	• Plate clamp cocking system
• Operator-side impression adjustment dial	• Shinohara quick plate clamp system
• Transfer cylinder ICP paper	• Automatic Blanket Wash-up system (ABW-2)
• Automatic Blanket Wash-up system (ABW-1)	• Semi-automatic perfecting changeover system
• Sheet passing detector	• Shinohara semi-automatic Plate Changer (SPC)
• Hickey picker blade	• Impression preset system
	• Cardboard printing system
	(not available on press with perfecting system)
	• SSR anti-marking film on impression cylinder for perfecting
	• Super Blue anti-marking material kit
Delivery System	
• Sheet decurler	• Infrared drying device
• Static eliminator	• Spray powder replenisher
• Spray powder device	• Tab inserter
• Speed adjustable sheet brake (wheel and suction belt)	• Delivery powder dust exhaust system
• Faulty-delivered sheet detector	
• Nonstop delivery with racking	
Others	
• Operation console	• Preregister system
• POD touch-screen	• Paper size preset system
• 6-digit preset sheet counter	• Shinohara Register-mark and Image-area Measurement device (SRIM)
	• Aqueous inline coater

Major Specifications

Specification	Model	Four-Color 74IV/IV P (520×740mm 20"×29")	Four-Color 74IV/IV P (585×740mm 23"×29")	Five-Color 74V/VP (520×740mm 20"×29")	Five-Color 74V/VP (585×740mm 23"×29")	Six-Color 74VI/VIP (520×740mm 20"×29")	Six-Color 74VI/VIP (585×740mm 23"×29")
• Maximum production speed	• Single-sided	13,000 IPH					
	• Perfecting						
• Maximum sheet size		520×740mm (20 15/32"×29 1/8")	585×740mm (23 1/32"×29 1/8")	520×740mm (20 15/32"×29 1/8")	585×740mm (23 1/32"×29 1/8")	520×740mm (20 15/32"×29 1/8")	585×740mm (23 1/32"×29 1/8")
• Minimum sheet size	• Single-sided	260×400mm (10 15/64"×15 3/4")					
	• Perfecting	300×400mm (11 13/16"×15 3/4")					
• Maximum Printing area	• Single-sided	510×740mm (20 5/64"×29 1/8")	575×740mm (22 41/64"×29 1/8")	510×740mm (20 5/64"×29 1/8")	575×740mm (22 41/64"×29 1/8")	510×740mm (20 5/64"×29 1/8")	575×740mm (22 41/64"×29 1/8")
	• Perfecting	500×740mm (19 11/16"×29 1/8")	565×740mm (22 15/64"×29 1/8")	500×740mm (19 11/16"×29 1/8")	565×740mm (22 15/64"×29 1/8")	500×740mm (19 11/16"×29 1/8")	565×740mm (22 15/64"×29 1/8")
• Plate size		605×745x0.24/0.3mm (23 13/16"x29 21/64"x0.009"/0.012")	635×745x0.24/0.3mm (25"x29 21/64"x0.009"/0.012")	605×745x0.24/0.3mm (23 13/16"x29 21/64"x0.009"/0.012")	635×745x0.24/0.3mm (25"x29 21/64"x0.009"/0.012")	605×745x0.24/0.3mm (23 13/16"x29 21/64"x0.009"/0.012")	635×745x0.24/0.3mm (25"x29 21/64"x0.009"/0.012")
• Runnable paper thickness	• Single-sided	0.04 to 0.4mm (0.002" to 0.016")					
	• Perfecting	0.04 to 0.3mm (0.002" to 0.012")					
• Cardboard printing option		0.04 to 0.6mm (0.002" to 0.024") (not available on press with perfecting system)					
• Feeder pile height		900mm (35 7/16")					
• Delivery pile height		900mm (35 7/16")					
• Total power required		31.0kW		34.0kW		42.0kW	
• Machine weight	• Straight press	15,700kg (34,540 lb.)		18,900kg (41,580 lb.)		21,850kg (48,070 lb.)	
	• Perfector press	16,100kg (35,420 lb.)		19,300kg (42,460 lb.)		22,250kg (48,950 lb.)	
• Machine length	• Straight press	7,185mm (282 7/8")		8,100mm (318 57/64")		9,015mm (354 59/64")	
	• Perfector press	7,645mm (300 63/64")		8,560mm (337 1/64")		9,475mm (373 1/32")	
• Machine width		2,550mm (100 25/64")					
• Machine height		1,765mm (69 31/64")					

Note: All specifications and design features are subject to change without prior notice.

CE

Major Machine Dimensions (74VIP)

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