



- Three sizes of printers--75-inch / 102-inch / 130-inch (1.9 / 2.6 / 3.3 meters) six color solvent
- Prints up to 720 x 360 dpi quality output onto uncoated materials
- Six 256 nozzle industrial strength Spectra® printheads
- 5 head heights up to 4.5 mm for multiple media compatibility
- Up to 430 ft²/hr-- 75-inch and 484 ft²/hr-- 102-inch / 130-inch print speed
- Fast turnaround and superior output quality
- Long-term heavy-duty outdoor applications

Overview

Developed by Mutoh Industries, Tokyo, Japan, the Osprey 75", 102" and 130" printers are Mutoh's third generation of wide-format solvent printers. Following on the success of the Toucan line with over 6000 units in the market, the Osprey printers incorporate Mutoh's proven high-end solvent digital inkjet technology. The Osprey line incorporates Spectra industrial strength head technology for true solvent-based inks, as well as several enhancements contributing to a better overall performance and a higher degree of user-friendliness of the printer. This includes improved cosmetics, increased carriage acceleration and speed, heads driven at higher frequency, newly developed inks, bulk ink system integrated into the printer, improved heavy-duty unwinder/winder and improved capping station for facilitating daily maintenance.

Ideal Applications

Targeted at demanding high volume users, the Osprey solvent inkjet printer is specifically suited for heavy-duty outdoor signmaking and commercial printing applications, such as long-term outdoor graphics, street furniture, backlit displays, wall murals, fleet and floor graphics.

Features

Mutoh's new Osprey 75 offers a maximum media width of 75-inches (1.92 meters) and a maximum printing width of 73.62-inches. The Osprey 102 and 130 offers a maximum media width of 102-inch / 130-inch (2.6 / 3.3 meters) and a maximum printing width of 98.43-inches and 125.98-inches. All units and the Osprey 130 incorporates six 256 nozzle Spectra® print heads.

The Osprey offers six color (C, M, Y, K, Lc, Lm) printers making it possible to print directly onto a wide range of

standard uncoated PVC and banner materials. The machine incorporates two heating elements, one for media acclimatisation before printing and the other one for post-conditioning of prints. Head height is adjustable in five steps, from 2.5 up to 4.5 mm.

Unattended printing is made possible thanks to 2000 ml (2 liters) ink bottles integrated in the printer - refillable on the fly - and a motorised/sensorised media unwinding and winding system with media tensioning mechanism for media rolls up to 308 lbs.

With an average ink consumption between 15 and 20 ml/m², Mutoh's new Osprey solvent printer will offer a speed of up to 430 ft²/hr--40 m²/hr and 484 ft²/hr--45 m²/hr in production mode (360 x 364 dpi, 1 pass, Bi). In photographic mode (360 x 364 dpi, 1 pass, Uni), maximum speed amounts to 215 ft²/hr-- 20 m²/hr and 247 ft²/hr--23 m²/hr and in high quality mode (360 x 364 dpi, 2 pass, Uni) print speed will be up to 107 ft²/hr--10 m²/hr and 129 ft²/hr--12 m²/hr In draft mode (180 dpi, 1 pass, Bi dir), the Osprey is able to reach top speeds of up to 861 ft²/hr--80 m²/h and 968 ft²/hr--90 m²/hr

Osprey Ink System

For value customers not requiring long term UV durability of up to 5 years, but rather mid-term outdoor durability, Mutoh offers ValU ink. Prints made with ValU ink offer scratch resistance and chemical resistance and has an outstanding media gloss level preservation. Outdoor durability of the ValU inks goes up to 3 years.

Product Name		Osprey 75"	Osprey 102"	Osprey 130"
Size		75 inches / 1.9 meters	102 inches / 2.6 meters	130 inches / 3.3 meters
Printer Type	Printing Method	Drop-on-demand piezo solvent inkjet technology	Drop-on-demand piezo solvent inkjet technology	Drop-on-demand piezo solvent inkjet technology
Nozzle Configuration		Six heads (256 nozzle per head)	Six heads (256 nozzle per head)	Six heads (256 nozzle per head)
Print Quality	Print Resolution	180 dpi, 360 dpi, 720 dpi	180 dpi, 360 dpi, 720 dpi	180 dpi, 360 dpi, 720 dpi
Print Speed		430 ft ² /hr--40 m ² /hr	484 ft ² /hr--45 m ² /hr	484 ft ² /hr--45 m ² /h
Ink Details		Mutoh ValU Inks (C, M, Y, K, Lc, Lm)	Mutoh ValU Inks (C, M, Y, K, Lc, Lm)	Mutoh ValU Inks (C, M, Y, K, Lc, Lm)
Printing Area (Width)		73.6 inches	98.43 inches	125.98 inches
Width x Depth x Height		121.8 x 37 x 52 inches	148.6 x 37 x 52 inches	179.5 x 37 x 52 inches
Weight		881.8 lbs	992 lbs	1984 lbs
Adjustable Head Height		2.5 mm up to 4.5 mm,	2.5 mm up to 4.5 mm	2.5 mm up to 4.5 mm
Software		Wasatch SoftRIP	Wasatch SoftRIP	Wasatch SoftRIP
Product Warranty		1 Year	1 Year	1 Year

SPEC SHEET