

# LARGE FORMAT INKJET PRINTER Osprey series



## Specifications:

OSPREY Product Lines		Super Wide Premium Line		Super Wide Main Stream Line		Main Stream Line	
Product Names		PJ-3346NXE	PJ-3344NXE	PJ-2646NXE	PJ-2644NXE	PJ-1946NXE	PJ-1944NXE
Head	Printing Method	Drop-on-demand Micro Piezo Inkjet Technology					
	Print Head Height Adjustment	2.5 mm to 4.5 mm (0.5 mm step)					
Maximum Media Widths		3300 mm		2600 mm		1900 mm	
Maximum Print Widths		1500 to 3200 mm		1000 to 2500 mm		1000 to 1800 mm	
Media Feeder Systems	Tension Bar	Fixed Arm					
	Media	250 mm diameter or 140 kg weight					
	Paper Tube	Two/three inch diameter (manually)					
Take-up Roll Systems	Tension Bar	Fixed Arm	Optional	Fixed Arm			
	Media	250 mm diameter or 140 kg weight	Optional	250 mm diameter or 140 kg weight			
	Paper Tube	Two/three inch diameter (manually)	Optional	Two/three inch diameter (manually)			
Media Set		Panel Switch or Foot Switch					
Heater		Platen Heater (25~45 °C) and Dry Heater (50~70 °C)					
Paper Margin	Roll Paper	50.0 mm in the left and right					
	Cut Sheet	50.0 mm in the left and right, 100 mm in front and back					
Ink Type		True-Solvent Inks, Pigment (PJ4 Inks)					
Ink Color / Consumption		6 colors	4 colors	6 colors	4 colors	6 colors	4 colors
		C,M,Y,K,Lc,Lm	C,M,Y,K	C,M,Y,K,Lc,Lm	C,M,Y,K	C,M,Y,K,Lc,Lm	C,M,Y,K
		2000 cc / ink bottle					
Multiple Print Modes / Resolutions		Draft Speed Mode(*1): 360 x 180 dpi					
		Production Mode: 360 x 360 dpi					
		High Quality Mode: 360 x 720 dpi					
Combination of Speed and Precision	Draft Speed Mode(*1)	90.0 m <sup>2</sup> /h in 1 pass, Bi-d	80.0 m <sup>2</sup> /h in 1 pass, Bi-d	90.0 m <sup>2</sup> /h in 1 pass, Bi-d	80.0 m <sup>2</sup> /h in 1 pass, Bi-d	90.0 m <sup>2</sup> /h in 1 pass, Bi-d	80.0 m <sup>2</sup> /h in 1 pass, Bi-d
	Production Mode	45.0 m <sup>2</sup> /h in 1 pass, Bi-d	40.0 m <sup>2</sup> /h in 1 pass, Bi-d	45.0 m <sup>2</sup> /h in 1 pass, Bi-d	40.0 m <sup>2</sup> /h in 1 pass, Bi-d	45.0 m <sup>2</sup> /h in 1 pass, Bi-d	40.0 m <sup>2</sup> /h in 1 pass, Bi-d
	High Quality Mode	22.5 m <sup>2</sup> /h in 1 pass, Bi-d	20.0 m <sup>2</sup> /h in 1 pass, Bi-d	22.5 m <sup>2</sup> /h in 1 pass, Bi-d	20.0 m <sup>2</sup> /h in 1 pass, Bi-d	22.5 m <sup>2</sup> /h in 1 pass, Bi-d	20.0 m <sup>2</sup> /h in 1 pass, Bi-d
Interface		Network; 10/100 Base-TX, Centronics IEEE 1284 compatible					
Commands		RTL-PASS					
Memory		Standard 128 MB					
Roll Media Core Diameter		Two/three inch diameter (manually)					
Hard Disk (Optional)		40 GB Hard Disk					
Media Support Unit (Optional)		Belt Feeding					
Resin Net		Standard	Optional	Standard			
Power Supply		AC100-120 V / AC 220-240 V Auto changeable, 50/60 Hz ± 1 Hz					
Power Consumption		2100 VA		2000 VA		1900 VA	
		300 VA in stand-by mode					
Working Environment		Temperature: 18-32 °C					
		Humidity: 30-70 % (no condensation)					
Noise Level		Operating: 60 dB or less					
Machine Dimensions (W) x (D) x (H)mm		4630(W) x 1000(D) x 1360(H)mm		3775(W) x 940(D) x 1325(H)mm		3100(W) x 940(D) x 1325(H)mm	
Machine Weight		750 kg		450 kg		400 kg	
Packaging Weight		1200 kg		800 kg		700 kg	
Packaging Dimensions (W) x (D) x (H)mm		4830(W) x 1220(D) x 1550(H)mm		4775(W) x 1350(D) x 1600(H)mm		4100(W) x 1350(D) x 1600(H)mm	

Specifications liable to changes without notice.  
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Printing speed is based on maximum media width.

Draft Speed Mode(\*1) is available on the printer mechanism.

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Osprey 1900

Main Stream Line



Osprey 2600

Super Wide Main Stream Line



Osprey 3300

Super Wide Premium Line

New!

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LARGE FORMAT INKJET PRINTER  
PJ-3346NXE / PJ-3344NXE

New!

## Ideal Outdoor Sign Printer inherited from Proven Toucan.

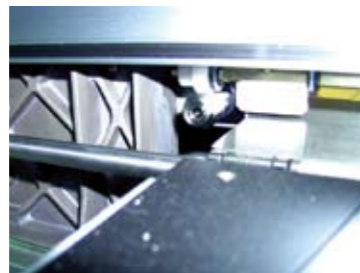
"Bring More Print Efficiency at Your Production Site" is Mutoh's object to develop brand new solvent-based printer with 1.9m width, and even wider 2.6m / 3.3m width. These printers named "Osprey" are the 'Best Performance Model' of all the lineups of Mutoh solvent-based printers and possible to print on various kinds of uncoated media such as Tarpaulin, FF, PVC and etc.



### Wide range of Media Compatibility

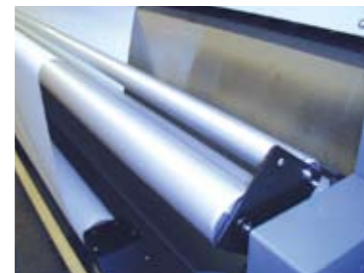
More precise adjustment of Pressure Rollers and Head Height is be operated to expand the range of media compatibility.

1. "Head Height" ; 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm
2. "Pressure Rollers" ; Weak, Normal, Strong
3. "Media Thickness" ; 80µm - 1000µm
4. "Media Quality" ; Weak, Normal



### Improved Feeding System

The Tension Bars have been improved to achieve more accurate feeding. Together with the adjustment of Pressure Rollers and Head Height, the system expands the range of media compatibility.



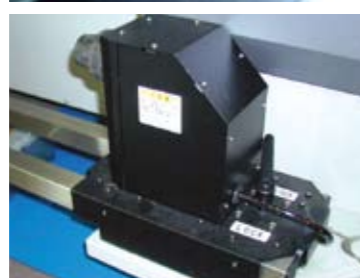
### Easy Maintenance System

As Osprey is the evolutionary model, maintenance ability has been much improved to easily maintain the condition of printer.



### Scrollerless Media Feeding

The width of the printer has been extended, "Scrollerless Feeding Unit" is improved for easy set up of wide and heavy media.



### Media Holder

Strengthened "Media Holder" mounted on PJ-3344NXE and PJ-3346NXE will stabilize the feeding of media on Platen.



### Media Support Unit

"Media Support Unit" mounted at the center of feeding system is the fundamental unit to prevent the bend of media roll to stabilize the media feeding.



### New ink called 'PJ4' for all Osprey models

PJ4 has been developed to achieve 'fast print speed'. This particular ink is not just to maximize the print speed, but it also shows the UV durability of 5 years. Only with this ink, Osprey series printers will perform in both "Speed mode" and "Quality Mode".



Key features of the Osprey is just like a bird, Osprey.

Wingspan - Wide  
Speed - Fast  
Lifespan - Long  
Distribution - Worldwide

### Osprey series



PJ-1944NXE / PJ-1946NXE  
PJ-2644NXE / PJ-2646NXE

