

PIT W-SERIES



High production wide printing machine

PIT W-series is a professional product specifically designed for printing companies who need high production outputs. It is an excellent combination of speed, size, stable printing and adjusted costs.

PIT W-series machines are characterized by:

- High speed printing:

PIT W-series printers can be configured with up to 48 Xaar 128-200 printheads. This top configuration allows printing at speeds of over 100 m²/h in four passes.

- Super wide printing:

The use of a drum roller of 485 mm of diameter allows 5 metre wide printing. The linearity of process and media feeding ability ensures that printing 5 meter wide images reliably is not a problem any more.

- Reliable feeding:

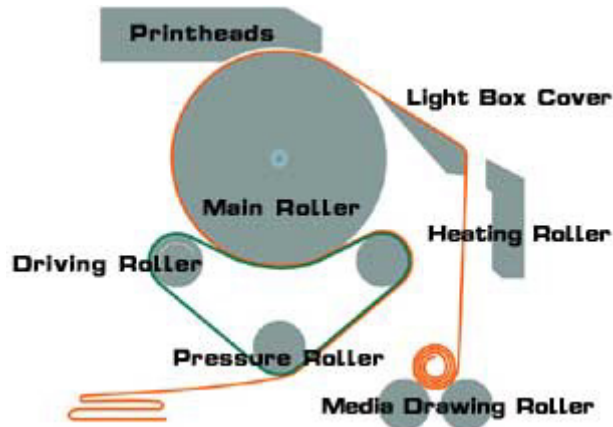
Employing a strong feeding structure of belt friction, media feeding can produce stable printing rolls with diameter between 500 and 1000mm, which ensures that the length error of two 20 metre long pictures is less than 0.05%, this is less than 10 mm.

- Consistent output

P.I.T. is mainly focused in the development of large-format highly productive digital printing machines. The techniques for multiple printhead control and for printing consistency and reliability have been obtained by practical application at customers running continuously for 24 hours.

- Clear printing:

Using an arc-shaped printing structure, printhead scratching due to media pleating is avoided. Therefore, with a minimum distance between the printheads and the media of 1.5 to 2mm, we can guarantee the highest printing resolution.



- Very fast media loading

The single roller structure of PIT W-series makes the media loading much faster and much more convenient without any need for media traction. Adjusting the media is very simple and therefore, a big saving in hand labour and/or material can be obtained.

- Best performance/price ratio in the market

PIT W-series is a complete machine that will satisfy your needs in terms of speed, quality, reliability and width. Its advantages in the way media is loaded and fed into the machine and its attractive price makes it an outstanding product.

PIT W-series is produced in three different sizes, aiming different markets: high speed printing, super wide printing and paper printing:

- 1700mm: ideally suited for paper printing, allowing the end-user to use large rolls of paper
- 3300mm: ideally for high production customers who will be running on a 24 hour basis.
- 5200mm: the ideal choice for customers with high volume of super wide printing or customers who want to optimize productivity.



PIT W-SERIES CONFIGURATION

Type	Printing width (mm)	Model	Printing speed	
			4PASS	6PASS
Paper printer	1700	PIT-W-4817-4C	112 /h	75 /h
		PIT-W-3217-4C	73 /h	48 /h
		PIT-W-4817-4C	56 /h	37 /h
High speed printer	3300	PIT-W-4833-4C	100 /h	67 /h
		PIT-W-3233-4C	65 /h	43 /h
		PIT-W-2433-4C	50 /h	33 /h
Super-wide printer	5200	PIT-W-4852-4C	112 /h	75 /h
		PIT-W-3252-4C	73 /h	48 /h
		PIT-W-2452-4C	56 /h	37 /h

GENERAL CHARACTERISTICS

Model	1700 mm	3300 mm	5200mm
Media Type	Advertising media, PVC, banner, frontlit, paper,...		
Technology	piezoelectric, drop-on-demand.		
Printheads	Xaar XJ-128		
Print resolution	370 DPI		
Ink	CMYK solvent-based ink		
Color	16.700.000		
File format	TIFF JPG RTL BMP EPS		
Output joggle	Network transmission		
Rip	PHOTOPRINT		
Conditions	Temperature 20°C to 28°C and indoor humidity 40-60%.		
Dimension	3300×1104×1335(mm)	4900×1104×1335(mm)	6800×1104×1335(mm)