

MUTOH XpertJet 1642WR

Machine info chart with suggested print modes and associated print speeds, using Mutoh DS3 inks.

4 color ink set, DH21 inktype setting

General Info (mm)

Max media width: 1625
 Max print width: 1615
 Margins (L & R) 5 mm
 Head - 1,5 / 2,0 / 2,5
 Heights : / 4,0
 Head speeds: 320 / 380 / 460 cps

Dot volume (pl)

	WF1	WF2	WF3
Large	21,84	17,95	11,50
Middle	10,00	9,65	5,34
Small ^(*)	5,22	5,00	3,5

^(*) **Important:** Please do not use the small dots of VSD1, VSD2 and VSD3. Best practice is to disable them in the RIP during profiling.

900x900 dpi, VSD3, 9 scan, bi-dir, 380cps, i-screen, SML drops

± 15 m²/h

600x600 dpi, VSD2, 4 scan, bi-dir, 460cps, i-screen ^(*)

± 30 m²/h

300x600 dpi, VSD1, 2 scan, bi-dir, 380cps, i-screen ^(*)

± 41 m²/h

300x600 dpi, VSD1, 2 scan, bi-dir, 380cps, i-Weave Ex ^(*)

± 52 m²/h

300x600 dpi, VSD2, 2 scan, bi-dir, 460cps, i-Weave Ex ^(*)

66 m²/h

^(*) When printing faster, artefacts like banding may start occurring. This is caused by the ballistic behaviour of the smallest drops and considered normal behaviour. In these circumstances, Mutoh recommends to generate profiles using only Middle and Large drops or, to limit the small drops to around 30% density. This allows production outputs of transfer prints up to 66m²/h.