

QMDI Specifications

Model	Classic	Plus	Pro
Formats			
Maximum sheet size	18.11" x 13.39" 460 x 340 mm	18.11" x 13.39" 460 x 340 mm	18.11" x 13.39" 460 x 340 mm
Minimum sheet size	5.5" x 3.5" 140 x 89 mm	5.5" x 3.5" 140 x 89 mm	5.5" x 3.5" 140 x 89 mm
Maximum image area	17.72" x 12.99" 450 x 330 mm	17.72" x 12.99" 450 x 330 mm	17.72" x 12.99" 450 x 330 mm
Gripper margin	0.39" 10 mm	0.39" 10 mm	0.39" 10 mm
Stock thickness	0.0024" to 0.012" 0.06 mm to 0.30 mm	0.0024" to 0.012" 0.06 mm to 0.30 mm	0.0024" to 0.012" 0.06 mm to 0.30 mm
Direct Imaging			
Imaging resolutions	1,270 dpi / 2,540 dpi	1,270 dpi / 2,540 dpi	1,270 dpi / 2,540 dpi
Imaging times	6 minutes @ 1270 dpi 12 minutes @ 2540 dpi	4 minutes @ 1270 dpi 12 minutes @ 2540 dpi	4 minutes @ 1270 dpi 12 minutes @ 2540 dpi
Imaging technology	Presstek Pearl	Presstek Pearl	Presstek Pearl
Printing Plates			
Plates	Presstek PearlDry	Presstek PearlDry	Presstek PearlDry
Substrate	Spoiled polyester	Spoiled polyester	Spoiled polyester
Sensitivity	Full daylight operation	Full daylight operation	Full daylight operation
Run length	20,000	20,000	20,000
Screen ruling	Up to 175-line screen	Up to 175-line screen	Up to 175-line screen
Packaging	36 plates per spool 4 spools per box	36 plates per spool 4 spools per box	36 plates per spool 4 spools per box
Blanket cylinders (metal edged)			
Length x width	21.875" x 13.27" 555 x 337 mm	21.875" x 13.27" 555 x 337 mm	21.875" x 13.27" 555 x 337 mm
Thickness	0.077" 1.95 mm	0.077" 1.95 mm	0.077" 1.95 mm
Undercut	0.091" 2.3 mm	0.091" 2.3 mm	0.091" 2.3 mm
Production Speeds			
Maximum	10,000 sph	10,000 sph	10,000 sph
Minimum	3,500 sph	3,500 sph	3,500 sph
Crawl mode	500 rph	500 rph	500 rph
Inking Unit			
Number of rollers	12	12	12
Form rollers	3	3	3
Pile Heights			
Feeder	19.29" 490 mm	19.29" 490 mm	19.29" 490 mm
Delivery	17.72" 450 mm	17.72" 450 mm	17.72" 450 mm
Power			
Current consumption at 50/60 Hz	approx. 10.5 kw	approx. 10.5 kw	approx. 10.5 kw
Physical Dimensions			
Length x width x height	96" x 100.39" x 74.8" 245 x 255 x 190 cm	96" x 100.39" x 74.8" 245 x 255 x 190 cm	126" x 109" x 75" 318 x 276 x 190 cm
Weight	8,378 lbs 3,800 kgs	8,378 lbs 3,800 kgs	10,692 lbs 4,850 kgs

All specifications are original equipment specifications and are subject to change without notice.

QMDI
PRESS SERVICES

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