

REVOLUTION 3-P



Technical data



Triple pin registration

electromagnetic triple pin system can be adjusted with the highest precision to avoid wrong plate feed - operator can choose small or big plate set with a touch of one button

Print basket

if you are printing from roll materials, like film or paper, prints are going here to keep them safe even in big amount - perfect for everyday digital print production

Epson panel window/bay

access to Epson panel is now possible all the time to give you more control outside of the box

Control tower

integrated control system of all critical elements: Hot Cube, registration, timer, shutter and size limiter.
LAN and USB connectors are now integrated and accessible from outside the box - all for your daily comfort

UV LED box *

this is integrated with the unit exposure box for UV light sensitive PS plates - you don't need copy frame anymore

*option available with technical restrictions

Ink Usage : price for Plates and Films

The system use 5 cartridges only for poster and paper. For plates and films ONLY black cartridge.

Price for one cartridge (black of colors) : 155 Euros / 350 ml.

To produce a plate or a film : for exemple Heidelberg MO, you use from 1 to 1,5 ml (it depends of the DPI and Lpi). Thus for a plate Heidelberg MO, the price of ink is from 0.44 Euros to 0,66 Euros MAXIMUM !!!

Thus, for **GTO 52 ... from 0,22 Euros to 0,33 Euros = NOTHING !!!**

Technical specification Revolution 3P

Machine model size	B3+ / R 3P 1	B2+ / R 3P 2	B1+ / R 3P 3
Maximum plate size	485 x 613 mm	670 x 917 mm	920 x 1120 mm
Margins without print (Front/Back/Sides)	F 3 mm/B 16 mm/S 3 mm		
Plate orientation in the unit	horizontal		
Maximum roll media width	610 mm	914 mm	1118 mm
Maximum addressed resolution	2880 dpi x 2880 dpi		
Maximum suggested raster line frequency for AM hybrid screening	190 lpi		
Print repeatability in Y direction	declared by Epson 0.1 % (normally achieved on plate 0.025 %)		
Mechanical plate registration accuracy	less than 0.05 mm		
Ink usage for test file BIKE size 735x588 mm (file available on request)	according to ISO/IEC 24711 & 24712 speed settings 0.5 €/quality settings 0.8 €		
Printing speed for color poster mode (720x360dpi)	28 seconds A1 size		
Imaging speed for B3-size test file (normal quality 150 lpi CMYK)	9 min 50 sec		
Imaging speed for B3-size test file (text quality up to 120 lpi)	5 min 29 sec		
Machine size ready to work (High x Width x Depth)	1680 x 1260 x 1200 mm	1680 x 1600 x 1400 mm	1680 x 1830 x 1900 mm
Additional operational space in front of machine	minimum 700 mm		
Movable basket depth	400 mm	400 mm	650 mm
Back Cassette depth	without	200 mm	450 mm
Maximum power consumption	1650 W	2420 W	3190 W
Maximum plate size for optional UV LED box	like max plate size	like max plate size	750 x 1150 mm
Size of transportation box - main unit	1850 x 1300 x 850 mm	1850 x 1600 x 850 mm	1850 x 1900 x 850 mm
Transport weight of main unit	173 kg	203 kg	233 kg
Size for transportation box - PC, basket, registration system	1000 x 1200 x 800 mm	1000 x 1600 x 800 mm	1000 x 1850 x 800 mm
Transport weight - second box	55 kg	72 kg	85 kg
Machine netto weight without PC	183 kg	233 kg	261 kg
Communication ports	USB, Ethernet		
Maximum thickness for sheet media	1.5 mm		