

nyloprint® processing equipment

valid from 2014-01-01 until revocation

nyloprint® equipment – overview

Standard equipment	Function			
	Exposure	Washer	Dryer	Guillotine
nyloprint® Combination CW 22 x 30	✓	✓	✓	
nyloprint® Combination CW 35 x 50	✓	✓	✓	
nyloprint® Combination CW 50 x 70	✓	✓	✓	
nyloprint® Exposure 65 x 86 E	✓			
nyloprint® Exposure 96 x 120 E	✓			
nyloprint® Combi 96 x 120 ED	✓		✓	
nyloprint® Point Light Exposure F I	✓			
nyloprint® Point Light Exposure F II	✓			
nyloprint® Flowline Washer DWT 48		✓	✓	
nyloprint® Flowline Washer DWT 65		✓	✓	
nyloprint® Flowline Washer DWT 100		✓	✓	
nyloprint® Washer CW 50 x 70 EX		✓		
nyloprint® Flowline Washer DW 100 EX		✓		
nyloprint® Plate Guillotine KPS 50 T				✓
nyloprint® Plate Guillotine KPS 65 T				✓
nyloprint® Plate Guillotine KPS 65 S				✓
nyloprint® Plate Guillotine KPS 65 SE				✓
nyloprint® Plate Guillotine KPS 85 S				✓
nyloprint® Plate Guillotine KPS 85 SE				✓
nyloprint® Plate Guillotine KPS 102 S				✓
nyloprint® Plate Guillotine KPS 102 SE				✓
nyloprint® Plate Guillotine KPS 130 S				✓
nyloprint® Plate Guillotine KPS 130 SE				✓

nyloprint® Combination CW 22 x 30

Art. XG10-0024-0113



The smallest of the equipment combinations is a space saving, 'all-in-one' plate making device. It is equipped with an oscillating, self-adjusting plush washout system, horizontal exposure and a drying drawer. Includes adhesive and magnetic carrier plate for use with foil and metal based plates and a digital display for easy use.

Max. plate size: 220 x 300 mm (8.7 x 11.8")
Washout medium: Water
Dimension (WxDxH): 550 x 658 x 485 mm
(21.7 x 25.9 x 19.1")
Height with lid open: 953 mm (37.5")
Electrical: 230 V, 50 Hz (1 Ph) or
230 V, 60 Hz (1 Ph/N/PE)
Weight (approx. net): 68 kg (150 lbs)
(approx. gross): 85 kg (187 lbs)

Crate dimensions (WxDxH):
800 x 620 x 675 mm (31.5 x 24.4 x 26.6")

nyloprint® Combination CW 35 x 50



The mid-size system is available as individual units or as a complete, space saving tower. Each unit is equipped with an individually programmable control system with digital display. The washout unit is supplied with a proven plush pad and a self adjusting, oscillating plate holder for gentle and even washout results. Includes adhesive and magnetic carrier plate for use with foil and metal based plates. A countdown facility as well as an easily accessible main switch and fuse element at the front of each unit add comfort to the combination.

Exposure XG10-0021-0114
Washer XG10-0023-0116
Dryer XG10-0022-0114
Trolley XG10-0030-0112

Max. plate size: 350 x 500 mm (13.8 x 19.7")
Washout medium: Water
Dimension (WxDxH): 702 x 775 x 1075 mm
(27.6 x 30.5 x 42.3")
Height with lid open: 1644 mm (67.7")
Exposure: 230 V, 50 Hz (1 Ph/N/PE) or
230 V, 60 Hz (1 Ph/N/PE)
Washer: 230 V, 50/60 Hz (1 Ph/N/PE)
Dryer: 230 V, 50/60 Hz (1 Ph/N/PE)
Trolley: 230 V (AC)
Weight (approx. net/gross):
Exposure: 53 kg (116 lbs) / 69 kg (152 lbs)
Washer: 53 kg (116 lbs) / 69 kg (152 lbs)
Dryer: 48 kg (106 lbs) / 64 kg (141 lbs)
Trolley: 25 kg (55 lbs) / 30 kg (66 lbs)

Crate dimensions (WxDxH):
Exposure: 870 x 800 x 495 mm (34.3 x 31.5 x 19.5")
Washer: 870 x 800 x 495 mm (34.3 x 31.5 x 19.5")
Dryer: 870 x 800 x 495 mm (34.3 x 31.5 x 19.5")
Trolley: 800 x 750 x 298 mm (31.5 x 29.5 x 11.7")

nyloprint® Combination CW 50 x 70



The large format system is available as individual units or as a complete 'space saving' tower. Each unit is equipped with an individually programmable control system with digital display. The washout unit features a proven plush pad as well as an oscillating plate holder and includes an adhesive and magnetic carrier plate for use with foil and metal based plates. User-friendly details such as the countdown facility, audio alarms notifying the user of the end of the process and an easily located main switch and fuse element complete the package.

Exposure XG10-0004-0114
Washer XG10-0006-0116
Dryer XG10-0005-0114
Trolley XG10-0029-0112

Max. plate size: 500 x 700 mm (19.7 x 27.6")
Washout medium: Water
Dimension (WxDxH): 952 x 1021 x 1109 mm
(37.5 x 40.2 x 43.7")
Height with lid open: 1877 mm (73.9")
Exposure: 230 V, 50 Hz (1 Ph/N/PE) or
230 V, 60 Hz (1 Ph/N/PE)
Washer: 230 V, 50/60 Hz (1 Ph/N/PE)
Dryer: 230 V, 50/60 Hz (1 Ph/N/PE)
Trolley: 230 V / 400 V (AC)
Weight (approx. net/gross):
Exposure: 90 kg (198 lbs) / 108 kg (238 lbs)
Washer: 85 kg (187 lbs) / 103 kg (227 lbs)
Dryer: 75 kg (165 lbs) / 93 kg (205 lbs)
Trolley: 38 kg (84 lbs) / 56 kg (123 lbs)

Crate dimensions (WxDxH):
Exposure: 1070 x 1050 x 495 mm (42.1 x 41.3 x 19.5")
Washer: 1070 x 1050 x 495 mm (42.1 x 41.3 x 19.5")
Dryer: 1070 x 1050 x 495 mm (42.1 x 41.3 x 19.5")
Trolley: 982 x 860 x 495 mm (38.7 x 33.9 x 19.5")

nyloprint® Exposure 65 x 86 E

Art. XG10-0044-0300



Suitable for use with both letterpress and flexo plates. Simultaneous start-up of the tubes. Automatic vacuum. Programmable operating panel to set 10 different times for back and main exposure. Excellent quality offers long service life.

Additional component:

The use of the Cooling Unit KG 500 (Art. XG50-0031-0123) is highly recommended to ensure consistent temperature of the vacuum plate.

Max. plate size: 650 x 860 mm (25.6 x 33.9")
Dimension (WxDxH): 1280 x 940 x 378/1240 mm
(50.4 x 37.0 x 14.9/48.8")
Electrical: 230 V, 60 Hz (3 Ph/PE) or
400 V, 50 Hz (3 Ph/N/PE)
Weight (approx. net): 165 kg (364 lbs)
(approx. gross): 320 kg (706 lbs)

Crate dimensions (WxDxH):
1690 x 1110 x 790 mm (77.2 x 43.7 x 31.1")

nyloprint® Exposure 96 x 120 E

Art. XG50-0076-0510



Premium quality system for main and post exposure of nyloprint® printing plates with integrated chiller. It includes four drawers and 20 memory programs for main and post exposure. Operation of each tube is monitored and operating hours of tubes are recorded.

Long lifetime of the lamps due to the use of electronic ballasts, all lamps start simultaneously, no exchange of starters.

The nyloprint® Exposure 96 x 120 E is designed to work as exposure unit in combination with the nyloprint® Flowline Washer DWT 90 and DTW 100.

Max. plate size: 1200 x 960 mm (47.2 x 37.8")
Dimension (WxDxH): 1820 x 1550 x 1070 mm
(71.7 x 61.0 x 42.1")
Height when lid open: 1930 mm (76.0")
Electrical: 230 V, 50/60 Hz (3 Ph/PE) or
400 V, 50/60 Hz (3 Ph/N/PE)
Weight (approx. net): 500 kg (1065 lbs)
(approx. gross): 692 kg (1526 lbs)

Crate dimensions approx. (WxDxH):
1970 x 1710 x 1500 mm (74.8 x 65.0 x 59.1")

nyloprint® Combi 96 x 120 ED

Art. XG50-0076-0410



Premium quality system for main and post exposure as well as drying of nyloprint® printing plates with integrated chiller. It includes four drawers and 20 memory programs for main and post exposure. Operation of each tube is monitored and operating hours of tubes are recorded.

Long lifetime of the lamps due to the use of electronic ballasts, all lamps start simultaneously, no exchange of starters.

Max. plate size: 1200 x 960 mm (47.2 x 37.8")
Dimension (WxDxH): 1820 x 1550 x 1070 mm
(71.7 x 61.0 x 42.1")
Height when lid open: 1930 mm (76.0")
Electrical: 230 V, 50/60 Hz (3 Ph/PE) or
400 V, 50/60 Hz (3 Ph/N/PE)
Weight (approx. net): 566 kg (1248 lbs)
(approx. gross): 775 kg (1709 lbs)

Crate dimensions approx. (WxDxH):
1970 x 1710 x 1500 mm (77.5 x 67.3 x 59.1")

nyloprint® Point Light Exposure F I

Art. XG30-0004-0101

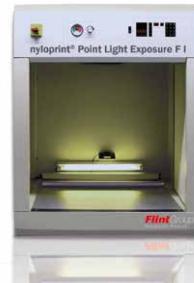


Table top point light exposure unit with a metal-halide lamp. Ideal for high quality pad printing applications. Includes automatically controlled front door panels for optimum UV-protection, a yellow tube to illuminate the working surface and an operating panel with digital display to set up exposure times.

Max. plate size: 500 x 700 mm (19.7 x 27.6")
Dimension (WxDxH): 1030 x 790 x 1245 mm
(40.6 x 31.1 x 49.0")
Electrical: 230 V, 60 Hz (2 Ph/PE) or
400 V, 50 Hz (2 Ph/N/PE)
Weight (approx. net): 195 kg (430 lbs)
(approx. gross): 230 kg (507 lbs)

Crate dimensions (WxDxH):
1200 x 1000 x 1400 mm (47.2 x 39.4 x 55.1")

nyloprint® Point Light Exposure F II

Art. XG30-0003-0102



Ideal for the exposure of nyloprint® Digital (CtP) and conventional nyloprint® plates for tubes, cups and can printing as well as security printing applications. Equipped with metal-halide lamp (6000 W), Kokomo filter and a sequence control system for pre and main exposure. Includes automatically controlled front door panels for optimum UV-protection, a yellow tube to illuminate the working surface, an operating panel with digital display to set up exposure times and a vacuum plate to be cooled by the optional Cooling Unit KG 1000.

Additional component:

The use of the Cooling Unit KG 1000 (Art. XG50-0031-0122) is highly recommended to ensure consistent temperature of the vacuum plate.

Max. plate size: 964 x 1170 mm (38.0 x 46.1")
Dimension (WxDxH): 1490 x 1370 x 2600 mm
(58.7 x 53.9 x 102.4")
Electrical: 230 V, 60 Hz (2 Ph/PE) or
400 V, 50 Hz (2 Ph/N/PE)

Weight (approx. net): 430 kg (948 lbs)
(approx. gross): 650 kg (1433 lbs)

Crate dimensions (WxDxH):
1800 x 1700 x 2300 mm (70.9 x 66.9 x 90.6")

nyloprint® Flowline Washer DWT 48

Art. XG10-0050-0101



The compact, tankless flowline system provides water washout, drying and post exposure all in-line. The proven and easily adjustable plush system provides optimum washout results while the touchscreen offers easy operation, including control of the water temperature and flow speed control. Includes adhesive carrier plate for foil based plates and magnetic carrier plate for metal based plates.

Optional components available on request:
Brushes (Art. XG10-0058-0101)
Soft squeegee roller (Art. XG10-0059-0101)

Max. plate width: 480 mm (18.9")
Washout medium: Water
Dimension (WxDxH): 1025 x 3450 x 1030 mm
(40.4 x 135.8 x 40.6")
Electrical: 400 V, 50/60 Hz (3 Ph/N/PE)
Weight (approx. net): 480 kg (1058 lbs)
(approx. gross): 860 kg (1895 lbs)

Crate dimensions (WxDxH):
3050 x 1550 x 1500 mm (120.1 x 61.0 x 59.1")
Transformer for special voltage:
170 kg (375 lbs)
880 x 680 x 890 mm (34.7" x 26.8" x 35.0")

nyloprint® Flowline Washer DWT 65

Art. XG10-0043-0101



Mid-size flowline combination, offering water washout, drying and post exposure all in-line. A touch screen display offers easy operation, including control of the water temperature and flow speed. The proven, plush' system that is easily adjustable, provides optimum washout results. Includes automatically lowering squeegee roll, adhesive carrier plate for foil based plates and magnetic carrier plate for metal based plates.

Optional components available on request:
Brushes (Art. XG10-0061-0101)
Soft squeegee roller (Art. XG10-0062-0101)

Max. plate width: 650 mm (25.6")
Washout medium: Water
Dimension (WxDxH): 1195 x 3600 x 1000 mm
(47.1 x 141.7 x 39.4")
Electrical: 400 V, 50/60 Hz (3 Ph/N/PE)
Weight (approx. net): 560 kg (1235 lbs)
(approx. gross): 980 kg (2161 lbs)

Crate dimensions (WxDxH):
3300 x 1750 x 1500 mm (129.9 x 68.9 x 59.1")
Transformer for special voltage:
170 kg (375 lbs)
880 x 680 x 890 mm (34.7" x 26.8" x 35.0")

nyloprint® Flowline Washer DWT 100

Art. XG10-0067-0101



A tankless flowline system, offering water washout, drying and post exposure all in-line. A touch screen display offers easy operation, including control of the water temperature and flow speed. The proven, plush' system that is easily adjustable, provides optimum washout results. Includes automatically lowering squeegee roll, adhesive carrier plate for foil based plates and magnetic carrier plate for metal based plates.

Optional components available on request:
Brushes (Art. XG10-0068-0101)
Soft squeegee roller (Art. XG10-0069-0101)

Max. plate width: 1000 mm (39.4")
Washout medium: Water
Dimension (WxDxH): 1545 x 3750 x 1030 mm
(60.8 x 147.6 x 40.6")
Electrical: 400 V, 50/60 Hz (3 Ph/N/PE)
Weight (approx. net): 600 kg (1323 lbs)
(approx. gross): 1000 kg (2205 lbs)

Crate dimensions (WxDxH):
3300 x 2100 x 1500 mm (129.9" x 72.8" x 59.1")
Transformer for special voltage:
170 kg (375 lbs)
880 x 680 x 890 mm (34.7" x 26.8" x 35.0")

nyloprint® Washer CW 50 x 70 EX

Art. XG10-0046-0101



A washout system for the production of alcohol washable nyloprint® printing plates. The washout unit features a proven plush pad as well as an oscillating plate holder and includes an adhesive and magnetic carrier plate for use with foil and metal based plates. User-friendly details such as the count down facility, audio alarms notifying the user of the end of the process.

Max. plate width: 500 x 700 mm (19.7 x 27.6")
Washout medium: Alcohol
Dimension (WxDxH): 950 x 950 x 300 mm
(37.4 x 37.4 x 11.8")
Height when lid open: 1120 mm (44.1")
Compressed air: male coupling, 12 mm, 10 bar
(0.47", 145 PSI)
Weight (approx. net): 95 kg (209 lbs)
(approx. gross): 120 kg (265 lbs)

Crate dimensions (WxDxH):
1080 x 1060 x 530 mm (42.5 x 41.7 x 20.9")

nyloprint® Flowline Washer DW 100 EX

Art. XG30-0002-0102



A flowline system for the optimum production of alcohol washable nyloprint® printing plates. The system provides washout, rinsing, post cleaning and pre-drying all in one device. A closed continuous system in an explosion proof protected design. Washout speed is easily adjustable via a digital display. Washout solvent is controlled to ensure a constant temperature. The height of the plush carriers can be easily adjusted to suit different plate thicknesses.

Additional component:
Temperature Control Unit 2000 - 1000
(Art. XG50-0031-0124) available on request.

Max. plate width: 1000 mm (39.4")
Washout medium: Alcohol
Dimension (WxDxH): 1550 x 1125 x 1250 mm
(61.1 x 44.3 x 49.2")
Electrical: 400 V, 50 Hz (3 Ph/N/PE)
Weight (approx. net): 430 kg (948 lbs)
(approx. gross): 855 kg (1885 lbs)

Crate dimensions (WxDxH):
3120 x 1760 x 1480 mm (122.8 x 69.3 x 58.3")

nyloprint® Plate Guillotine KPS 50 T

Art. XG10-0001-0101



Table top guillotine intended for use with both foil and metal based photopolymer printing plates. Designed for optimum burr free cutting.

Max. cutting width: 500 mm (19.7")
Max. plate thickness: 0.5 mm (0.02")
Max. carrier thickness: 0.3 mm (0.012")
Dimension (WxDxH): 698 x 454 x 295 mm
(27.5 x 17.9 x 11.6")
Weight (approx. net): 62 kg (137 lbs)
(approx. gross): 100 kg (220 lbs)

Crate dimensions (WxDxH):
1000 x 650 x 600 mm (39.4 x 25.6 x 23.6")

nyloprint® Plate Guillotine KPS 65 T

Art. XG10-0018-0101



Table top guillotine intended for use with both foil and metal based photopolymer printing plates. Designed for optimum burr free cutting.

Max. cutting width: 650 mm (25.6")
Max. plate thickness: 0.5 mm (0.02")
Max. carrier thickness: 0.3 mm (0.012")
Dimension (WxDxH): 848 x 454 x 295 mm
(33.4 x 17.9 x 11.6")
Weight (approx. net): 72 kg (159 lbs)
(ca. brutto): 100 kg (220 lbs)

Crate dimensions (WxDxH):
1000 x 650 x 600 mm (39.4 x 25.6 x 23.6")

nyloprint® Plate Guillotine KPS 65 S

Art. XG10-0031-0101



Free-standing plate cutter for manual operation. The plate cutter includes a retainer and is intended for use with both foil and metal based photopolymer printing plates. Designed for optimum burr free cutting.

Also available in electrical design:
nyloprint® Plate Guillotine KPS 65 SE

Max. cutting width: 650 mm (25.6")
Max. plate thickness: 4 mm (0.16")
Max. carrier thickness: 0.3 mm (0.012")
Dimension (WxDxH): 1065 x 960 x 980 mm
(41.9 x 37.8 x 38.6")

Weight (approx. net): 210 kg (462 lbs)
(ca. brutto): 290 kg (639 lbs)

Crate dimensions (WxDxH):
1500 x 1400 x 1350 mm (59.1 x 55.1 x 53.2")

nyloprint® Plate Guillotine KPS 85 S

Art. XG10-0032-0101



Free-standing plate cutter for manual operation. The plate cutter includes a retainer and is intended for use with both foil and metal based photopolymer printing plates. Designed for optimum burr free cutting.

Also available in electrical design:
nyloprint® Plate Guillotine KPS 85 SE
(Art. XG10-0031-0102)

Max. cutting width: 850 mm (33.5")
Max. plate thickness: 4 mm (0.16")
Max. carrier thickness: 0.3 mm (0.012")
Dimension (WxDxH): 1065 x 1160 x 980 mm
(41.9 x 45.7 x 38.6")

Weight (approx. net): 230 kg (506 lbs)
(approx. gross): 310 kg (683 lbs)

Crate dimensions (WxDxH):
1500 x 1600 x 1350 mm (59.1 x 63.0 x 53.2")

nyloprint® Plate Guillotine KPS 102 S

Art. XG10-0033-0101



Free-standing plate cutter for manual operation. The plate cutter includes a retainer and is intended for use with both foil and metal based photopolymer printing plates. Designed for optimum burr free cutting.

Also available in electrical design:
nyloprint® Plate Guillotine KPS 102 SE
(Art. XG10-0032-0102)

Max. cutting width: 1020 mm (40.2")
Max. plate thickness: 4 mm (0.16")
Max. carrier thickness: 0.3 mm (0.012")
Dimension (WxDxH): 1065 x 1330 x 980 mm
(41.9 x 52.4 x 38.6")

Weight (approx. net): 250 kg (550 lbs)
(approx. gross): 330 kg (728 lbs)

Crate dimensions (WxDxH):
1500 x 1800 x 1350 mm (59.1 x 70.9 x 53.2")

nyloprint® Plate Guillotine KPS 130 S

Art. XG10-0034-0101



Free-standing plate cutter for manual operation. The plate cutter includes a retainer and is intended for use with both foil and metal based photopolymer printing plates. Designed for optimum burr free cutting.

Also available in electrical design:
nyloprint® Plate Guillotine KPS 130 SE
(Art. XG10-0034-0102)

Max. cutting width: 1300 mm (51.2")
Max. plate thickness: 4 mm (0.16")
Max. carrier thickness: 0.3 mm (0.012")
Dimension (WxDxH): 1065 x 1610 x 980 mm
(41.9 x 63.4 x 38.6")

Weight (approx. net): 320 kg (704 lbs)
(approx. gross): 400 kg (882 lbs)

Crate dimensions (WxDxH):
1500 x 2050 x 1350 mm (59.1 x 80.7 x 53.2")

You are welcome to contact us for further information!
Details on additional equipment or alternative electrical
connections are available on request.

All information in this document is based on our present knowledge and experience at the time of printing. Due to the multitude of factors influencing the processing and application of our products, it does not exempt the user from testing and calibrating. Nor does it imply any legally binding assurance concerning specific properties of the products or the suitability for a particular application. The responsibility of observing any possible industrial property rights, laws and regulations is the obligation of the user. Subject to technical changes without prior notice. Product names marked ® are registered trademarks of Flint Group.

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