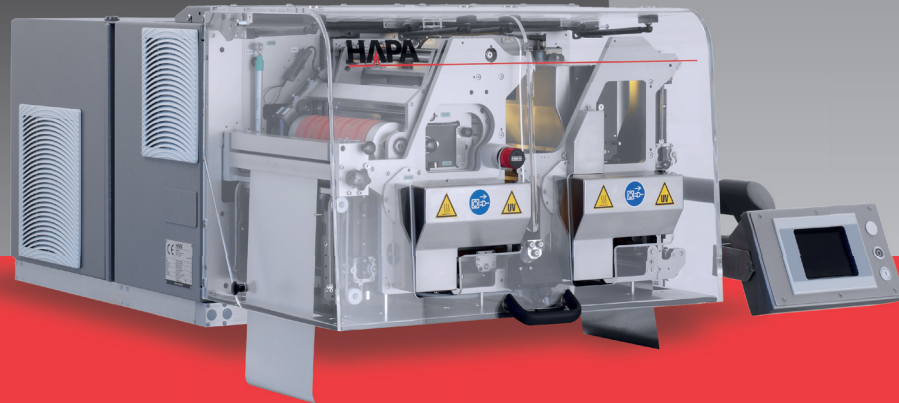# Hapa 230 Hybrid

UV DOD 4-in-1 Foil Printing System, Top-mounted

The **Hapa 230 Hybrid** is a modular UV printing system combining the economic features of flexo technology with fully-digital Drop On Demand printing flexibility. It prints on a variety of blank or pre-printed roll-fed substrates including aluminum foil, paper, PVC, medical paper and Tyvek®. It is easily integrated into continuous or intermittent motion packaging machines.

UV Flexo

› prints text and artwork in product-branding quality
› economical use of ink, large runs

UV DOD

› prints market-specific info, language variations, bar, matrix and serialized, randomized data
› Customize semi-finished products, use for promotional or individualized products

Key Features

› Reliable, proven, high quality solvent-free UV ink printing
› Simple, user-friendly operation and adjustments with color touch-screen control panel
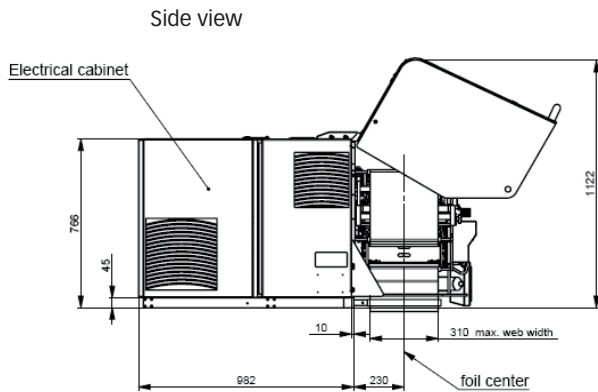› UV dryer module provides reliable and instant curing of the UV ink

UV Flexo

› Pin-fastened print mats take less than a minute to change
  › no adhesive tape necessary
  › precise repositioning job-to-job guaranteed
› UV flexographic inks available in any PMS shade
› Color changes take less than a minute
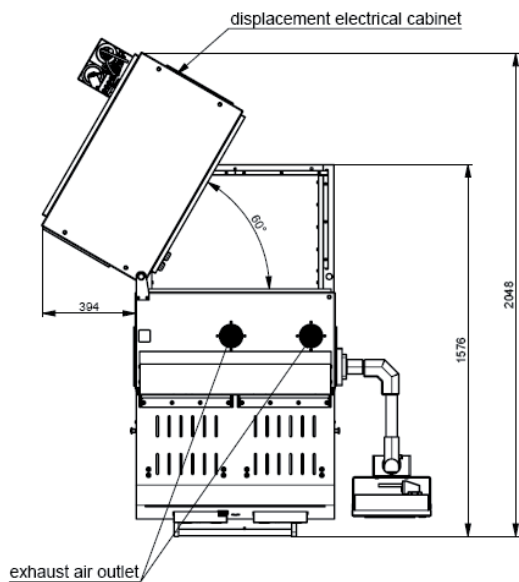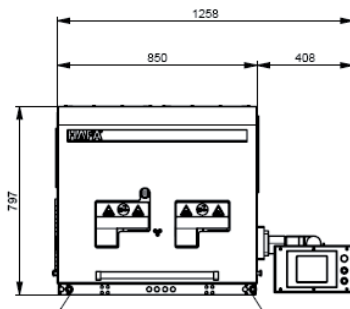› Highest quality print (up to 2400 dpi)

UV DOD

› Drop on Demand technology
› Fully digital data transfer

HAPA®
Swiss Printing Technologies

Hapa 230 Hybrid
UV DOD 4-in-1 Foil Printing System, Top-mounted

Side view

Front view

Top view

Technical Data: 230 Hybrid	
General Values	
Web width min. – max. in mm	64 - 310
Advance length min. – max. in mm	30 - 180
Printing length min. – max. in mm	30 - 180
Printing width Flexo max. in mm	300
Printing width DOD max. in mm	288
Print head resolution in dpi	360
Number of cycles max. in cycles/min	120
Printing speed max. in m/min	21,6
Weight	
Weight approx. in kg	400
Power supply	
Supply voltage in V	380 - 480 3PNE
Frequency in Hz	50 / 60
Input voltage in kVA	11
Compressed air	
Input pressure in bar	6 - 10

Key Benefits

- ❯ Functions as 2-color printer
- ❯ Use blank or pre-printed materials
- ❯ On demand or just-in-time production
- ❯ Respond rapidly to new markets
- ❯ No reconciliation & less waste
- ❯ Reliable, proven, high quality solvent-free printing
- ❯ Format-free operation saves time and money
- ❯ Increased production flexibility
- ❯ Faster product turnaround time
- ❯ Leaner logistics
- ❯ Shorter and more accurate forecasting

Key Options

- ❯ Serialization, randomizing and code printing

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