



# :ANAPURNA XLS

## **Top quality inkjet printwork for indoor and outdoor applications**

:Anapurna XLS is a robustly engineered wide format industrial inkjet printer, designed to cope with heavy workloads.

:Anapurna XLS produces highly saturated top quality colours at resolutions up to 1440 dpi, using Agfa made UV curable inks.

This printer is entirely designed and manufactured by Agfa Graphics and prints on uncoated rigids as well as on flexible (roll) media at widths of up to 100" and at speeds of up to 44 m<sup>2</sup>/h.

Applications encompass posters, billboards, fleet displays, POS & POP displays, exhibition panels, stage graphics, construction announcements, ad panels etc.

The attractively priced system stands for a best in class "total cost of ownership profile".



## **Wide format printing taken into a new dimension**

### **Top quality inkjet printwork for indoor and outdoor applications**

:Anapurna XLS produces high quality output on a wide range of rigids and flexible media for various applications in the signmaking - and screen industry. Professional Photolabs will find the print quality of XLS unrivalled.





### **Grow, beyond your expectations**

:Anapurna XLS is designed to improve and grow your wide format output business beyond your highest expectations. It will take your designs and printwork to a new dimension.

Convince yourself and contact your nearest Agfa Graphics dealer for a personal demo.

### **Highly saturated top-quality colors**

:Anapurna XLS UV inks produces highly saturated top-quality colors, fine detail rendering and guarantee instant curability, perfect adherence, and an outstanding image longevity even under severe outdoor conditions.

:Anapurna XLS prints top quality posters, photo-reproductions, billboards, fleet displays, POS & POP displays, exhibition panels, stage graphics, construction announcements, ad panels and so much more.

Rigid media, such as corrugated boards, exhibition panels, stage graphics and advertising panels, in various sizes up to 100 inch wide, with a thickness up to 45 mm.

The printer allows for borderless printing, handles dual board printing and has a choice of speeds and quality levels.

Flexible media in roll weights up to 125 kg can be loaded for long unattended print runs.



*Agfa Graphics UPH print-head*



### **:Anapurna XLS - high-tech printing made easy and reliable**

:Anapurna XLS prints at an outstanding billboard, poster and photo quality and handles a wide variety of rigid and flexible substrates. This is a result of a combination of high-tech features that are incorporated in this state-of-the-art wide format printer.

#### **UPH printhead for an unrivaled quality of output**

The heart of the :Anapurna XLS is the unique Agfa Universal PrintHead. This UPH is a piezo shared-wall printhead with resolutions ranging from 720 up to 1440 DPI. Each head has 764 nozzles. This head enables to print at very high quality levels, not sacrificing on productivity.



*Flushbrush for clean nozzles*



#### **Flush Brush for automated maintenance**

With this automated maintenance system, cleaning fluid is pumped with high flow velocity towards the nozzle plate. This strong fluid flow creates turbulence in the dense array of soft teflon hairs. Finally the nozzles are vacuum cleaned. Debris and ink residues on the nozzle plate and in the nozzle cores are removed efficiently resulting in smooth and reliable printing.

#### **Accurate media transport for reliable printing**

The transport system is based on the interactive operation of 1 static and 2 dynamic vacuum tables. This is called the "walking floor". Media is kept in a tensionless state during each consecutive step.

Next to that a special clamping system prevents media from slipping or moving, whether printing roll material or rigids. Of particular importance when printing heat sensitive media.

**High ink autonomy**

The 5 liter jerry cans per colour, ensure a very high ink autonomy. The internal ink buffer system contains an additional 5 litre per colour. As such, the system has 10 litre of each individual colour on board when configured.

**UV-curing for instant-ready prints**

The high quality UV lamps cure your print-work “on-the-fly” resulting in ultra sharp, dry and instant-ready prints.

An external chilling system keeps the temperature of the three UV – lamps within range and manages the heat dissipation within the system.

**Robustness for accurate dot placement**

The robust design of the double beam structure ensures that the head carriage moves along the entire printing width with the utmost precision.

The result is an accurate dot placement for reliable printing results.







*:Anapurna UV-curable inks*

#### **Head positioning device for stable printing**

A head positioning device keeps the nozzle plate of all heads 100% plan-parallel with the substrates at all times. Perfect stable printing is the result.

#### **Dedicated :Anapurna UV-curable inks**

Stable, fast curing and easy-to-handle, Agfa's :Anapurna inks print sharp, vibrant colours on a wide range of media. Generating photo quality images, they offer an ideal solution for various indoor and outdoor wide format applications. Shelflife of 18 months is guaranteed.

#### **Special designed trolleys**

Roll trolleys enable easy and ergonomical loading and unloading of all kinds of flexible media.

#### **Short start-up time**

The :Anapurna XLS starts up from cold to stand-by after only 15 minutes.

#### **Agfa Graphics service**

Agfa Global Graphics offers a wide choice of service products. Part of this offering is IntellSyst enabling remote service on a worldwide basis.



## :ANAPURNA XLS

Technology	Piezo drop-on-demand inkjet Flatbed and roll-to-roll Easy and fast conversion from roll-to-roll to flatbed 8 UPH heads - 764 nozzles per head 8 pl printheads (2 x cmyk)
Print width	Max print width (rolls/rigids) 2540 mm (100") Max print length (rigids) 3000mm (118")
Media thickness	Rolls min 0,1 mm Rigids: min 0,1 mm till max 45 mm Automatic media edge detection and thickness/cockle control
Media types	Rolls up to 100" width (125 kg max. weight and max. 360 mm diameter) Rigids up to 2540 mm width x 3000 mm length x 45 mm thickness (35 kg max. weight)
Productivity	Depending on resol. up to 44m <sup>2</sup> /hr
Inks	:Anapurna UV curable inks from Agfa Cyan, Magenta, Yellow & Black
Curing system	3 UVlamps
Electrical requirements	3 phase, +N 400 V - 32 Amp
Dimensions	(w x l x h) 6800 x 1230 x 2250 mm (268 x 48.5 x 89 inch)
Weight	3200 kg
Dimensions rigid table	(w x l x h) 2920 x 780 x 910 mm (115 x 307 x 358 inch)