AFFORD®

Digital Printing Inks

Quality inks.

About us

AFFORD® is a manufacturer of inks and coatings to solve the needs of its customers decorative or functional needs in their industrial application requirements. As such, AFFORD® is a leader company in the manufacture of inkjet, screen and pad printing inks, UV varnishes, UV flexo inks and UV offset inks.

Founded in 1976, and with its headquarters in Madrid, AFFORD® goods can be identified by its reliability, consistency, quality and innovation. The quality of our products is guaranteed through very tight controls and is widely recognised by our customers in more than 50 countries.

Research is a key element for the success of our company. To keep state of the art products we invest significant amount of resources in R&D.

Why choose AFFORD®

AFFORD® aims to produce the best inks and coatings. There are many companies producing inks, but we have been doing so for over 40 years and there must be good reasons for that.

We try to exceed the market standards and our production is strictly monitored to achieve batch to batch consistency. These elements conform a unique offer that maximizes throughput and warrants the consistency of the printing process.

AFFORD® is an innovative company, and as such, is in constant evolution. We are pioneers in inkjet ink manufacturing, which was started in 2001, and in UV curable inks and varnishes, whose research was started in 1984. AFFORD® has been recognized by the Spanish Ministry of Industry as "Innovative Company" and has been awarded with R&D recognitions through the years.

AFFORD® has state of the art research and production facilities. We are constantly looking to satisfy special requests for demanding industrial applications. Our extensive knowledge of analogical and digital systems allow us to provide the best solutions for your demands.

History

AFFORD® produces screen printing inks since its origins in 1976. Through these years we have developed an extensive screen printing ink range that fulfills almost any demand in the market.

Since 1984 we manufacture UV curable screen printing inks, being one of the pioneer companies in this field. This has allowed us to develop many customized solutions that enable us to provide you a specific ink.

It was a bit later, in 1997, when we bought a little factory called Prosemo, that was dedicated to the production of water based textile inks. This allowed us to enter in the textile market. In 2001 we produced our first plastisol inks and three years later we pioneered again with non-PVC real plastisol inks.

Also in 2001, AFFORD® started the research to produce inkjet inks, As a result, our first commercial inkjet inks were released in 2003. In 2004 our UV inkjet inks were released. Our ecosolvent inks are in the market since 2006.

In 2007 we purchased the screen printing chemical division of Urbion, which was dedicated to the production of emulsions and ancillary chemicals for screen printing. In the recent years we have concentrated in the optimization of our ink ranges, in order to enable our customers to operate with the best productivity. AFFORD® is one of the few companies that is dedicating R&D resources to screen printing.

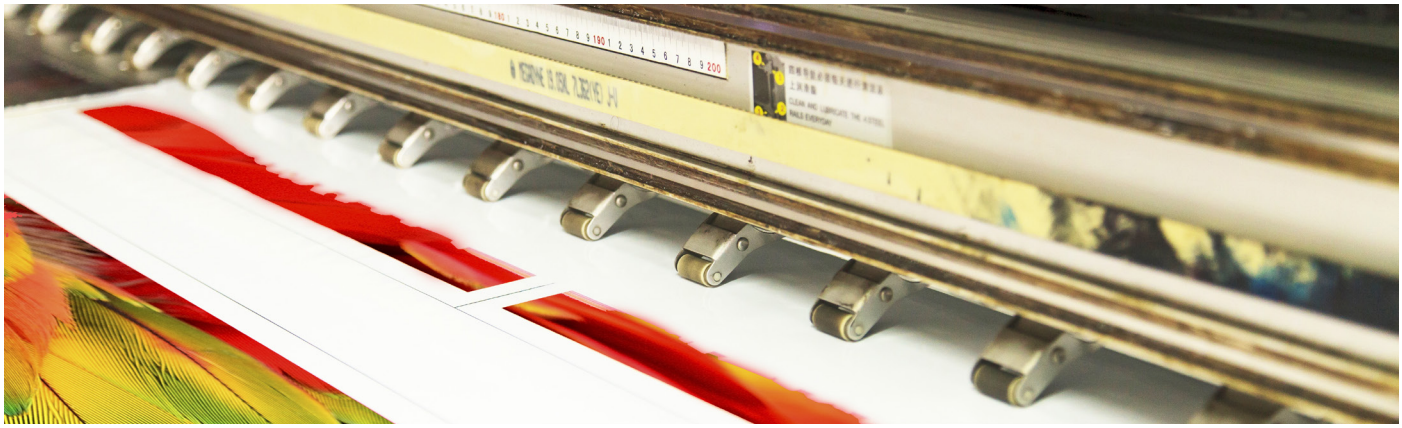
In 2014 an expansion plan was implemented, adding new manufacturing capabilities and a site expansion.

Today AFFORD® operates on a total of 3000 sqm covered facilities and another 7000 sqm uncovered facilities.
In 2017 Afford expands with a new building of up to 1700m² in additional facilities with a capacity of up to 120 tons of product.

AFFORD® Ecosolvent & Mildsolvent Inkjet

AFFORD® ECO 702, 703, 704, 707, 721, 723 & 725 series are full color and chemically compatible (Plug & Play) to its OEM counterparts.

702, 703, 704, 707, 721, 723 & 725 series were specially developed to benefit from the superior technologies that AFFORD® can offer to their OEM/Partners in the ECO & MILDSOLVENT market, with wide color gamut, fast drying, exceptional scratch resistance and odorless inks.



Fully compatible to eco/mild solvent wide format printers, these ink ranges don't need color profile (ICC). They provide excellent scratch resistance and lightfastness to the prints. Its formulation is free from VOC's and other hazardous chemicals, resulting in an odorless ink that can be worked in closed rooms.

Print-Head Compatibility: Epson DX4/DX5/DX6/DX7
Ink Compatibility: Roland® ECO-SOL MAX™, Mutoh® Eco Ultra™, UMS™, Mimaki® ES-3™, SS21™, Hs™, BS3.

Packaging:
220/440 cartridge
1 & 5 liter bottle
500ml, 600ml, 1 & 2 liter bag
Colors: C, M, Y, K, Lc, Lm, Lk, Metallic colors. (silver).

Series	Hardware Printheads	Compatibility	Colours								Special Features	Cartridges				Bottles	Bags	
			C	M	Y	K	Lc	Lm	S	Lk		220ml	440ml	600ml	1L	1L	1L	2L
S-702	Roland / Mutoh	OEM ecoslomax 2	◆	◆	◆	◆	◆	◆	◆	◆	Plug & Play		◆			◆	◆	
S-703	Roland / Mutoh	OEM ecoslomax 3	◆	◆	◆	◆					Plug & Play		◆			◆	◆	
S-704	Roland	OEM TrueVIS	◆	◆	◆	◆					Plug & Play						500 ml	
S-707	Roland/Mutoh (dx4, dx5, dx6 & dx7)	OEM ecoslomax	◆	◆	◆	◆	◆	◆	◆	◆	Plug & Play	◆	◆		◆	◆	◆	◆
S-721	Mimaki	OEM SS21 (ecosolvent)	◆	◆	◆	◆	◆	◆	◆		Plug & Play		◆					
S-723	Mimaki	OEM BS3 (mildsovent)	◆	◆	◆	◆					Plug & Play			◆			◆	◆
S-725	Mimaki	OEM SS21 (mildsovent)	◆	◆	◆	◆	◆	◆	◆		Plug & Play		◆				◆	◆