

# Uniform GRENADIER TRUE SOLVENT PRINTER



Awarding the Uniform Grenadier an Angel in their 2004 Product of the Year awards Image Reports said "we really rate the Grenadier"



- **UQ Speed\* of 14 sq.m/hour**
- **Prints at up to 28sq.m/hour**
- **1400mm & 1900mm widths**
- **1440dpi Photo Quality**
- **True Solvent Ink Chemistry**
- **Print to uncoated materials**
- **Instantly Dry Printing**
- **Reduce indoor print costs**

The award-winning Uniform Grenadier is the UK market leader in solvent inkjet printing, equally at home printing outdoor durable graphics and reducing your costs on high quality, 1440dpi, indoor production that requires no finishing.

The Grenadier allows complete media independence through the use of industry proven true solvent inks that are compatible with virtually any uncoated media. Add our all new TROOP! Adobe PostScript RIP with GretagMacbeth profiling for stunning print and accurate spot colours onto the substrate of your choice.

\* UQ Speed = Uniform Quality & Speed mode, recommended for optimal balance between quality and performance.

## Printspeeds

Resolution	Direction	Passes	m <sup>2</sup> /hr
360 X 450	Bi	2	28
360 x 450	Uni	2	15
360 X 720	Bi	4	14
360 x 720	Uni	4	7
720 x 720	Bi	8	7
720 x 720	Uni	8	3.5
720 x 1440	Bi	16	3.5
720 x 1440	Uni	16	2
1440 x 1440	Bi	32	2
1440 x 1440	Uni	32	1

## Blistering performance that makes 'I need it yesterday' seem possible...

The Grenadier can produce saleable print at up to 28 square metres an hour.

The ability to switch between fast production speeds and stunning 1440dpi quality, coupled with built in 'Print & Cut' ability, makes the Grenadier a truly versatile production workhorse.

Most importantly, the Grenadier is engineered to deliver this level of reliable performance, all day, every day.

## Engineered for excellence...

Under the skin of a Uniform printer we carry out a number of fundamental mechanical modifications that allow for increased reliability, enhanced performance, and most importantly, facilitates the use of our own true solvent inks that give improved durability, with instant ink drying, on the widest possible range of substrates.



## Technical Specifications\*

Printing/Cutting method	Piezo inkjet/friction feed
Printing/Cutting width	210 to 1361mm - 210 to 1869 mm
Acceptable media widths	210 to 1372 mm - 210 to 1879 mm
Ink cartridge type	Uniform GRENADIER True Solvent Inks
Ink cartridge capacity	220 cc ±5 cc
Ink cartridge colour	Cyan, Magenta, Yellow, Black, LCMagenta, LMCyan
Printing resolution	Switchable 360/450/540/720/1440 dpi
Cutting Speed	600mm /sec
Blade force	30 to 300 gf
Blade offset compensation	0 to 1.5 mm
Temperature - Printing Heater	95 to 122°F (35 to 50°C)
Temperature - Post Heater	95 to 122°F (35 to 50°C)
Software resolution - Cutting	0.025 mm/step
Distance Accuracy - Printing	Error within ±0.4%, or 0.5 mm
Distance Accuracy - Cutting	Error within ±0.4%, or 0.3 mm
Repetition Accuracy - Cutting	0.1 mm (excludes media stretching)
Repetition - Print & Cut	±0.5mm max. at 75°F (25°C)
Interface	ECP Parallel Port or 100Base-TX
Power supply	3.0A (240V), 6.0A (120V) ±10% 50/60 Hz
Dimensions - with Stand	2699mm [W] x 742mm [D] x 1300mm [H]
Dimensions - with Stand	3134mm [W] x 742mm [D] x 1300mm [H]
Weight - with Stand	152 Kg (335 lb.)
Weight - with Stand	173 Kg (381.4 lb.)

\* Black text refers to shared properties and SP1400/SP1400C. Blue text refers to properties specific to the SP1900 model.