

ASAHI AWP

FLEXOGRAPHIC PLATE SOLUTIONS

Asahi AWP™ Flexographic Plate Solutions from Creation

Your advanced plate solutions partner

Creation is the leading supplier of the Asahi range of flexographic printing plates. Located in the center of the U.K., Creation leads in plate workflow excellence delivering fast response premium plate solutions to optimise your business performance.

Asahi AWP™ Benefits at a glance:



Superb Print Performance

- Vignettes fade out to zero
- Perfect plate registration and stable print production
- Very high plate resolution making printing small dots easy
- Excellent ink transfer with pinning technology for clean transfer



The Flexible Plate Solution

- Superb plate limpness for mounting on small print cylinders
- Comparable print quality with gravure and offset standards
- Compatible with water, solvent & UV inks and coatings



Fast & Sustainable Plate Production

- Speed to press - plate making time reduced to under one hour
- Only 5 minutes drying required at low temperature of 40 °C
- Water rather than solvent wash out



Reduce Downtime & Increase Efficiency

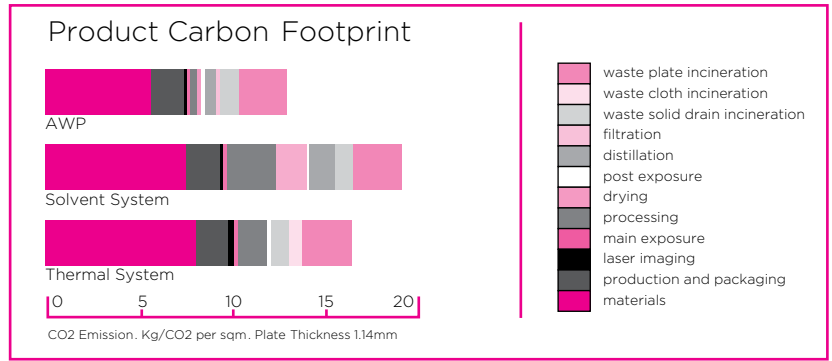
- Highly durable plates that extend life time on press
- Pinning technology for clean transfer reduces press cleaning stops and downtime
- Plate registration and printing stability facilitates extended gamut fixed colour palette printing

AWP - Best For The Environment

Environmentally Friendly

Award Winning Quality

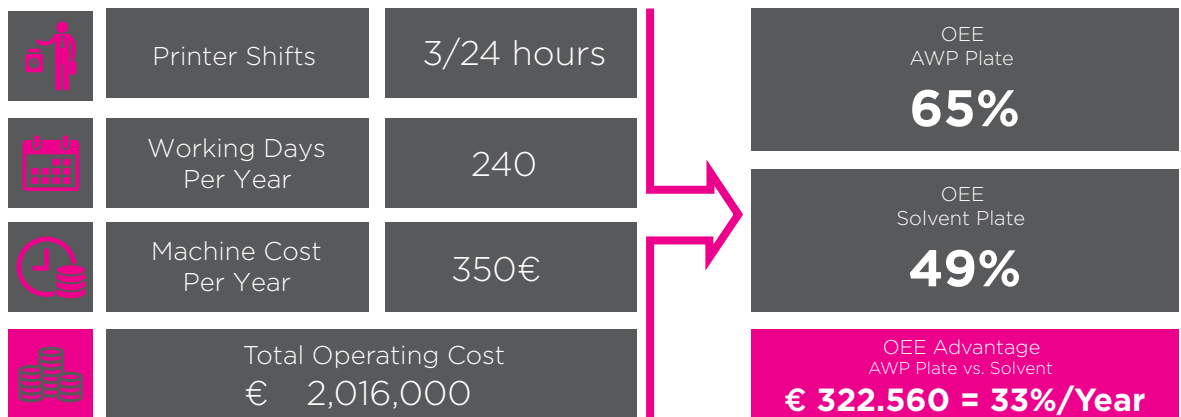
- Water not solvent wash out
- Water is filtered & recycled within process
- Zero VOC emissions
- Entire process does not generate waste, other than unexposed polymer residue
- Production process uses 50% less power than solvent systems
- Compatible with water based inks



This calculation was based on the ISO 14040 / 14044 using JEMAI * methodology. (*Japan Environmental Management Association for Industry).

AWP Cost Benefit

£ Value



AWP improves press uptime = higher OEE vs. conventional

* Case Study 2017 - leading European printer specialising in narrow web UV printing

AWP for Fixed Colour Palette

Eradicating spot colours mean plate registration and stable printing over the entire production run is critical to ensure there are no deviations in Delta E colour shift.

Speed

Control

Accuracy

Feature	Advantages	Benefits
Premium Plate Quality	Very high plate resolution for fine text and minimum dots fading out to zero	Fine highlight dots facilitate a larger colour gamut for Fixed Colour Palette
Excellent Plate Register	Solventless plate making process without the need to use high temperatures	Stable colour in multicolour separation, no shift
Continuous Plate Availability	Solventless plate production without drying	Composite printing & last minute Last minute changes are possible
Excellent Ink Transfer	Pinning Top Dot technology with low surface energy	Consistent print quality over the production run
Optimised Plate Productivity	Quality, register, availability and cleaning optimisation	AWP delivers a total process cost reduction through efficiency savings