

AQF 2530 STANDARD TOWER PROCESSING SYSTEM

AQF FLEXO PLATE PRODUCTION EQUIPMENT



DISCOVER THE NEXT GENERATION OF WATER WASH FLEXOGRAPHIC PLATE TECHNOLOGY

PRECISION FOR HIGH-QUALITY PLATES

Engineered for precision, the AQF range ensures flexo plate production with perfect detail and sharpness. The result is enhanced print quality and consistency, boosting press performance.

ECO-FRIENDLY & SUSTAINABLE OPERATION

With no solvents required in the engraving process, our equipment fosters a healthier and more sustainable workplace. Additionally, it is designed with energy efficiency in mind, significantly reducing electricity and water consumption, providing both environmental and cost benefits.

INTUITIVE & ERGONOMIC DESIGN

Featuring a user-friendly interface, these machines allow operators to easily navigate and manage settings, minimising training time and increasing operational efficiency. Ergonomic design prioritises comfort and productivity, ensuring a seamless experience from start to finish.

Ideal solutions for businesses seeking to combine high-quality output with operational excellence and reduce their environmental impact. Experience the next level of processing & water washable flexo plate technology today.

KEY FEATURES - TOWER PROCESSOR FOR FLEXO WATER WASH PLATES

AQF 2530 STANDARD FUNCTIONS: PLATE EXPOSURE / PLATE PROCESSING / DRYING / LIGHT FINISHING

Considered the most cost-effective 2530 Standard tower model of the market

Independent processing sections

Compatible with analogue and digital plates

Whole plate surface washout - orbital plate holder movement

Main exposure and finishing sections have LED status indicators for each lamp

Intuitive user-friendly HMI touchscreen controlling all the steps of the process

Temperature control of the washout solution and dryer

True solvent-free system

Filtration unit included

Optional filtration systems available

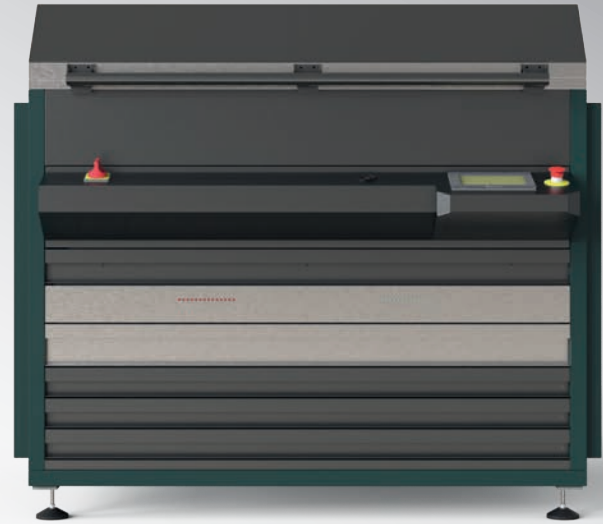
Fumes exhaust

TOWER PROCESSOR

AQF 2530 STANDARD – FOR USE WITH DANTEX FLEXO PLATES

EQUIPMENT SPECIFICATIONS

MODEL	AQF2530 STANDARD
Max plate size (mm)	700 x 900
Standard plate size (mm)	635 x 762
Max plate thickness (mm)	2.84
Unit Dimensions (mm, l/w/h)	1480 x 1200 x 1200
Max height with lid open (mm)	1830
Filter Dimensions (mm)	615 x 535 x 1200
Net unit weight (kg)	530 + 78 (filter)
Gross unit weight (kg)	600 + 105 (filter)
Power Supply (UK/CE)	400V 50/60 Hz 3 phase + N + PE 16.6
Power Supply (US)	230V 50/60 Hz 3 phase + PE 27.9A
Power kW	3.5
Tank capacity (L)	79 + 23 with filter
UVA Exposure Lamps	13 x 60W 10R L 1200 mm
UVA Post-Expo Lamps	14 x 60W 10R L 1200 mm
UVC Lamps	13 x 36W L 1200 mm
Noise level	<70db



Dantex Group pursues a policy of continuous product improvement; therefore equipment specifications are subject to change without notice.

AQUAFLEX PLATE FEATURES

- Processing time: 30 min. (635mm x 762mm)
- Perfect highlights.
- Gradations from 1% to 99% up to 200lpi
- Due to low bump needed, all highlight details visible in print.

- Improved contrast and tonal range.
- Excellent ink transfer for high density with fine anilox rollers.
- Tough and abrasion resistant polymer for long runs.
- Naturally forms a FLAT TOP DOT.
- Better ink transfer and print quality.

(Processing times vary due to equipment, plate type and customer requirements)

INTEGRATED FLAT TOP DOTS

Due to the special polymer composition, the Aquaflex plate naturally forms flat top dots for better highlights and the best achievable print quality. 1% flat top dots can be achieved without using complex systems such as oxygen elimination. The stability of the flat top dot profile creates a more durable image surface for more consistent printing and smoother edges.



TYPE	THICKNESS	ANALOGUE	DIGITAL	SHEET SIZES (mm)	SHORE A	APPLICATION	INK COMPATIBILITY
OPM	1.14 / 1.70 / 2.84	✓	-	610 x 762	60/65	Labels/Flexibles/Bags	Water/Solvent/UV
OPH	1.14 / 1.70 / 2.84	✓	-	610 x 762	65	Labels/Flexibles	Water/Solvent/UV
DOPM	1.14 / 1.70 / 2.84	-	✓	635 x 762 / 900 x 1200 / 1067 x 1524	60/65	Labels/Flexibles	Water/Solvent/UV
DPAH	1.14 / 1.70 / 2.84	-	✓	635 x 762 / 900 x 1200 / 1067 x 1524	70	Labels/Flexibles	Water/Solvent/UV

AQUAFLEX SYSTEM TECHNICAL & MAINTENANCE FEATURES

UNMATCHED RELIABILITY & LONGEVITY

Designed and built to endure even the most demanding production environments, Dantex equipment offers years of reliable service, consistently delivering superior results with minimal maintenance.

PROVEN PERFORMANCE & INNOVATION

Backed by years of development and refinement, our flexo plate processors have been rigorously tested and are trusted by industry leaders worldwide. Innovation and consistency ensure they remain at the forefront of the flexographic printing industry.