

Asahi AWP™ 2530 Compact



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The new AWP™ 2530 Compact plate processor is Asahi's smallest AWP™ machine solution for manual operation. It consists of two units, processor and filtration, and is controlled by one CPU. The processor consists of Washer, Exposure, Dryer, Post exposure and finishing section within one unit. It is a machine designed for the customer with a demand of approx. 300 sqm per year. The combination of the processor and the Asahi AWP™ filtration technology allows a water consumption of 5 litres per plate with a bath life time of up to 30 plates. At the same time the AWP™ 2530 Compact water processor is presenting an environmentally sound solution aiming to drive print forward in balance with the environment.

Main Features

- Maximum plate size 635 mm x 762 mm of 1.14mm and 1.70mm plate thickness
- Water consumption per plate 5 litres with manual wash solution dosing every 5 plates
- Easy plate holder replacement to enhance sticky plate life time
- Stainless steel plate processing and filtration tank
- Easy design for customer with approx. 300 – 400 sqm plate consumption per year
- Washer, Exposure, Dryer, Post exposure and Finisher within one unit. The filtration is connected to the main processor as a separate unit
- CE approved electrical drawer
- The Asahi AWP™ filtration unit is centrally controlled by the main processor CPU and is the heart of the 2530 Compact machine
- The AWP™ 2530 Compact satisfies to the highest quality demand using environmentally sound plate processing technologies and driving print forward in balance with the environment

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Washer

Filter

910 mm

1450 mm 1260 mm All connections on the backside of washer and filter 850 mm 1050 mm

Technical Specifications

Weight:	Washer 400 kg; Filter 150 kg	Exposure lamps	UVA: 15 x 60W 10R 1200 mm UVA Post: 14 x 60W 10R 1200 mm UVC Finish: 13 x 36W 1200 mm
Electrical Requirement:	14 kW 440 V 50/60 Hz (3 Ph+N+Ground)	Total water tanks(2):	150 litres
Compressed air:	Inlet diam. 12mm / 0,5 bars	Max. plate format:	635 x 762 mm
UV exhaust connection:	diam. 80 mm		



» Easy plate holder replacement
» Manal plate cleaning at a low washout temperature at 40°C

» Touch panel operation
» Filtration bag exchange control by manometer

» AWP™ plate residue
» Asahi AWP™ filtration technology

Benefits of Processing

- An easy to use machine with manual operation and easy component access
- Total plate making time is 40 min. with a plate ready every 25 min.
- AWP™ water wash technology is showing the lowest product carbon footprint from »cradle to grave« compared to traditional plate making technologies
- The AWP™ 2530 Compact plate processor concept brings high quality AWP™ plate performance to smaller volume customer.
- Outside manometer control indicates the time of the filtration bag exchange
- Processing temperatures around 40 °C ensure perfect plate dimensional plate stability
- Low odour plate production creates improved work room environment