

Quartz Supreme Plate Processor 85E/125/150/165



The heart of thermal plate processing

The heart of thermal plate processing is the four-station Quartz Supreme processor. Designed and built for optimal processing of thermal plates, the Quartz processor is standard equipment for many of the world's most prestigious printers. The system's four-station design provides consistent, high-quality plate development, rinsing and finishing for optimal plate performance and reliability on press.

Many user-friendly features have been added to the Quartz Supreme platform to make plate processing easier, faster, and more economical.

Plate throughput and chemistry replenishment are sensor-operated to boost efficiency and minimize operator intervention.

The processor is equipped with a touch screen control panel for ease of operations. Status, alarms and settings are monitored via the user-friendly panel, which also has a built-in on-line help for easy navigation saving operator time.

The Quartz Supreme plate processor has been developed in close co-operation with the leading thermal plate manufacturers.



Quartz Supreme plate line
The Quartz Supreme plate processor shown in a plate-line



User-friendly control panel
The logical touch panel allows easy and user-friendly monitoring of status, alarms and settings.

Possibility of connection directly to modem for remote monitoring and control.



Hinged top cover
A hinged top cover gives easy access to tank sections, developer, wash, gum and dryer.



Easy access to filter
The top operated developer filter housing allows the filter to be easily removed, eliminating the need for emptying the tank prior to filter removal.

Technical specifications

Quartz Supreme Plate Processor 85E/125/150/165

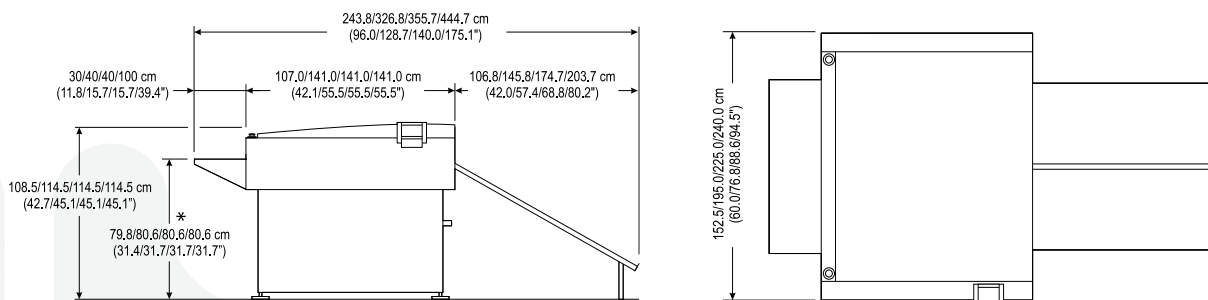


Materials	Processes all leading thermal plates on the market
Material length, min	28.5 cm (11.3") / 35 cm (13.8") / 35 cm (13.8") / 35 cm (13.8")
Material thickness	0.15 - 0.4 gauge
Material width, max	85 cm (33.4") / 125 cm (49.2") / 155 cm (61.0") / 170 cm (66.9")
Processing speed	0-200 cm (79") per min
Tank content, developer	49 l (12.9 US gal) / 82.6 l (21.8 US gal) / 100.8 l (26.6 US gal) / 109.8 l (30 US gal)
Tank content, gum	Recirculating from container
Adjustable temperature, developer	18 to 35°C (64.4 to 95°F)
Adjustable temp., dryer	Non Adjustable < 70°C (158°F)
Area replenishment amount	0 to 1 liter/plate ± 1 ml (0 to 0.26 US gal)
Water consumption per min	8 l (2.1 US gal) / 12 l (3.2 US gal) / 15 l (4.0 US gal) / 21.5 l (5.6 US gal)
Power supply	
85E/125:	230V, 50 Hz 1W + N + PE or 230V, 60 Hz 2W + PE
125/150/165:	400V, 50 HZ 3W + N + PE or 230V, 60 Hz 3W + PE
Weight, crated	537 kg (1181 lbs) / 865 kg (1903 lbs) / 936 kg (2059 lbs) / 1000 kg (2200 lbs)
Weight, uncrated	364 kg (800 lbs) / 610 kg (1342 lbs) / 650 kg (1430 lbs) / 670 kg (1474 lbs)
Equivalent heat output/hour, max.	10918 BTU / 19278 BTU / 19278 BTU / 19278 BTU

Standard equipment: Wheels on processor and ramp on the crate for ease of installation, Fully approved CE/UL universal electronic configuration for installation throughout the world, Hinged top cover (gas struts), GNUC II electronics with touch sensitive control panel, Prepared for electrical interface for plate setters, Center driven short plate kit, Brush in wash, Temperature read-out, plate counter and re-cycling timer, Auxiliary socket, Heavy duty bushes for rollers, Developer cooling pipe, Hand wash spray gun, Open port between dev. and dev. delivery and side overflow with no standpipes in dev. delivery, Accurate developer replenishment pump (Bellows pump) and variable hourly replenishment, Developer filter accessible from the top, One scrub in developer section (push), Auto fill for developer, Quick release spray bar with flow control valves, Gum re-circulation from the container and gum application roller.

Accessories: Remote Enabling System, Second auxiliary socket, Conductivity monitor, Conductivity controlled developer, Drip tray, Delivery table, Feed table, Short plate kit, Cooling unit standard capacity 50/60 Hz on trolley, Brush dual scrub, Container probe kit, Dual start sensor, Interface for most platemakers (please see price list or contact Glunz & Jensen for interface availability).

Standard configurations may vary in the market. Specifications are subject to changes without prior notice.



* Height is adjustable up to 6,0 cms (2,37") upwards from measurements listed above.

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