

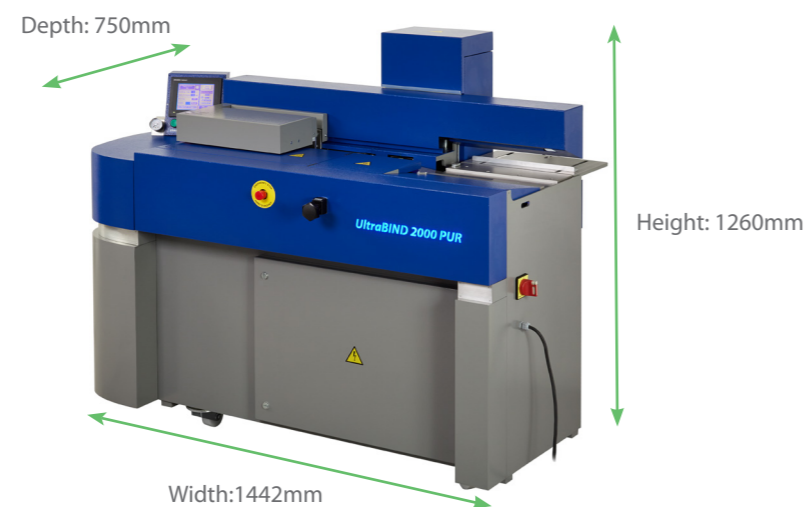
Specifications

UltraBIND 2000 PUR

Length of the document:	80mm to 340mm
Thickness of the document:	1mm to 40mm
Minimum Book Size:	90mm x 80mm
Cycling speed:	290
Patented Orbital PUR System:	Closed tank
Glue application on the spine:	PUR
Glue application on the sides:	PUR
EasyLOAD PUR cartridge:	0.3kg
Heat-up time:	20 to 25 minutes
Paper dust collector:	YES
Power supply:	230V, 50Hz, 16A, 3kW
Net weight (kg/lbs)	250 / 551
Dimensions of the machine (l x w x h mm):	1442 x 750 x 1260

FINE ADJUSTMENTS:

Glue temperature:	YES
Glue pressure:	YES
Glue cut off:	YES
Nipping station time:	YES
Milling tool height:	NO
Book block position in the cover:	YES
OPTIONS:	Air Compressor PUR EasyLOAD Cartridge Cleaner Cartridge



Duplo[®]
from print to documents

UltraBIND 2000 PUR

THE WORLD'S SMALLEST CLOSED TANK PUR SYSTEM

Patented Orbital PUR System
EasyLOAD cartridge
Up to 290 cycles per hour
Beautiful design
Heavy duty build

Photo Albums, Year books, Magazines, Directories, Instruction Manuals,
Catalogues, Telephone Directories, Paperbacks



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Production rates are based on optimal operating conditions
and may vary depending on stock and environmental
conditions. As part of our continuous product improvement
program, specifications are subject to change without
notice.



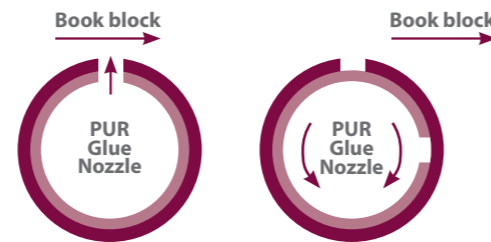
Ref: UltraBIND2000PUR-02/14

The UltraBIND 2000 PUR is the world's smallest closed tank PUR system. It is the ideal solution for a digital printer who wants to grow their business, produce high value jobs, increase productivity, reduce costs and delight their customers.

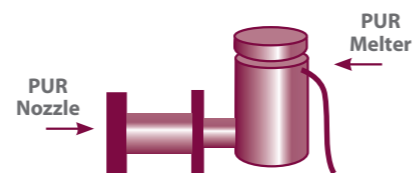


Patented Orbital PUR System (P.O.P.S.)

This is a brand new technology which doesn't only apply glue precisely and accurately but also is very easy to clean and maintain. This system is so cost effective that it saves enormous amounts of expensive PUR glue and cleaner when compared to other binders available in the market.



The PUR nozzle consists of two circular orbits with a slot on each. When the sensor near the nozzle detects the book block, the slot on both orbits align and the PUR glue is precisely and accurately applied. When the book block moves away, the slot on the inner orbit moves and seals the PUR glue. The inner nozzle shuts off or switches on the PUR glue with extreme speed and accuracy whilst maintaining constant pressure and benchmarking the quality.



The distance between the PUR glue melter and the PUR nozzle is less than 200mm. This is a major advantage for the UltraBIND 2000 PUR. The bigger the distance between the melter and the nozzle, the less control you have on the pressure of the PUR glue. This can lead to the potential deterioration of the PUR glue. Moreover, the P.O.P.S constantly recirculates the PUR glue and further reduces a potential deterioration of the glue.



Productivity

The speed of the UltraBIND 2000 PUR is 290 cycles an hour and the start-up time is just 15 to 20 minutes. The cleaning time is just 5 minutes at the end of the day or shift. The result is that the UltraBIND 2000 PUR is the most productive binder in its category!



Media types

The UltraBIND 2000 PUR can handle a wide variety of media types such as plastic, foil, thick carton, cardboard, true card, sticky substrate, UV coated or laminated stock, to mention just a few.



Spine Preparation Tool

The UltraBIND 2000 PUR is equipped with a motorised heavy duty milling and notching tool. The spine preparation tool takes off 0.5mm from the spine of the book block and roughens the spine surface ready for the glue application



EasyLOAD Cartridge System

This is a solution unique to the UltraBIND 2000 PUR. The EasyLOAD cartridge system utilizes a screw fit mechanism for both the PUR and cleaner cartridge.

A single EasyLOAD cartridge holds 0.3kg of PUR. This enables the operator to produce up to 230 A4 books with 5mm spines, using just a single cartridge. Furthermore, the PUR cartridge can last for more than two weeks in the system. This means the operator does not have to change the cartridge or throw the expensive PUR glue away every day.



Paper Dust

All paper dust is safely and cleanly removed by an external heavy duty motor and collection bag, when the bag is full it can simply be removed.



Beautiful design and Heavy duty build

When you look at the new UltraBIND 2000 PUR, you will notice its robust and heavy duty build. Its elegant design is highlighted with stainless steel detailing and ultra-cool blue LED lights.



Touch Screen PC controller

The touch screen PC controller allows the operator to customise the settings according to different jobs and the results that they want to achieve. The system's flexibility allows the operator to make fine adjustments to the glue cut off, book block position in the cover and the amount of PUR glue applied to the spine.



Auto-Mode

In auto-mode the operator only needs to load the book block into the clamp and to take out the finished book from the nipping station. The sensors in the machine detect the book block and cover and the clamp works automatically.

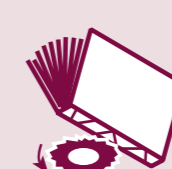
Workflow for UltraBIND 2000 PUR



1. Place cover in nipping station



2. Insert book block in clamp



3. Spine preparation with milling and notching



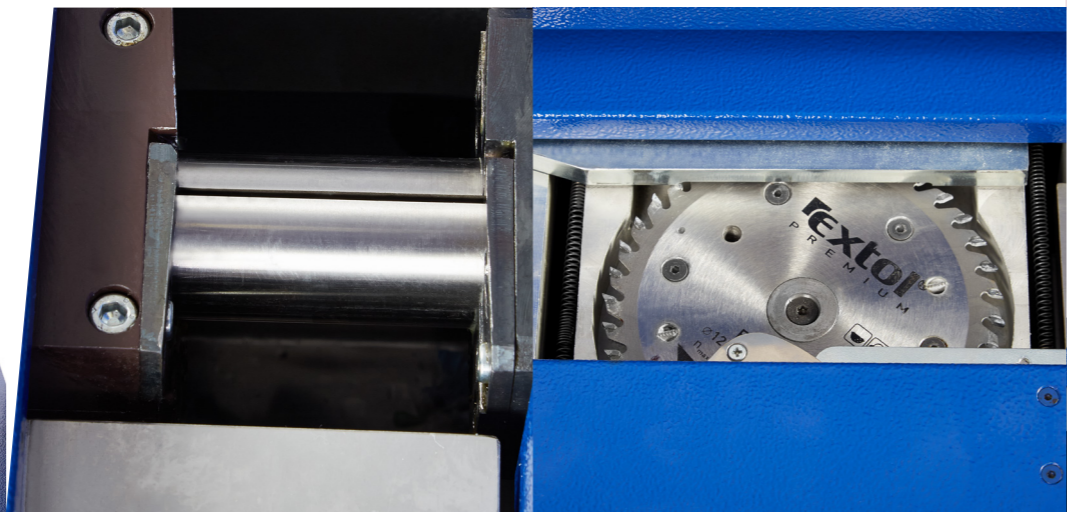
4. PUR application on the spine and the sides by nozzle



5. Book block and cover are bound together in the nipping station



Touch Screen Control Panel



PUR Nozzle



Spine Preparation

PUR Melter



EasyLOAD Cartridge



Clamp