

TOSHO
Your best pharmacy solution

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<http://www.tosho.cc/en>

U2
Xana-4001U2



Advanced Packing Machine

TOSHO sells tablet-packing machines in Europe, with the focus on North Europe, Oceania, and Asia. The company applies its accumulated technologies and experience, and new functions that satisfy the needs of the users in the Xana-4001U2, a new tablet-packing machine.

High Consciousness of Precise Dispensing

In North Europe, where people are highly aware of risk management, they never fail to cross-check with barcodes when setting tablet cassettes into a packing machine. Against this background, the "IF" function, which automatically recognizes all cassettes and prevents insertion error, has been developed.



Space Saving and High Capacity

A drawer-type slide-cabinet, which can contain a maximum of 400 rotary cassettes, allows space saving. It also has been designed to replenish drug supplies to rotary cassettes easily and precisely, and this clean cabinet can be locked to ensure safety.



Xana-4001U2

■ Size & Weight

W1200 X D1050 X H1985mm (Main Body)
840kg (Without Rotary Cassette)

■ Drug Storage

IF Rotary Cassette
(S size = 176, M size = 224, Total = 400)

■ Rotary Cassette Housing System

Sliding Cabinet

■ No. of Rotary Cassette

400kinds

Packaging Speed and Durability

As a dispensing pharmacy focusing on delivering to nursing homes and others adopts a factory packing method, durability is required for continuous high packing speeds and stable bulk handling. The specifications of the Xana-4001U2 satisfy this requirement.

※The packing speed is 54 packs per minute for a tablet-packing machine for domestic consumption for necessity and safety.



Safety

Various Approaches to Prevent Incorrect Tablet Packing

Rotary Cassette Insertion Error Prevention Function (IF)

The Intelligent Feeder (IF) is the function to prevent improper packing due to rotary cassettes being incorrectly inserted. Flashing LED warns of an insertion failure. If an operator does not notice the warning and starts packing, the machine locks the cassette and stops dispensing tablets.

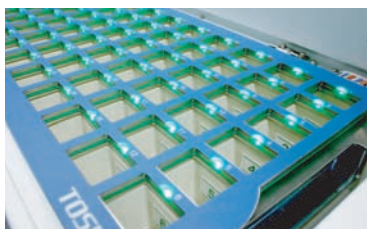


The IF rotary cassette (blue) uses an antistatic resin with over a 98% UV blocking rate. With high visibility, the residual quantity can be recognized at a glance.



66-Conveyor Unit with LED Guide

This 66-mass unit can smoothly handle manual tablet dispensing for long-term prescriptions. An LED guide indicates where to distribute each drug. The unit can also handle combinations of drugs precisely.



U2 Zone

New Dispensing - Toward Ubiquitous Dispensing

17 free rotor cassette zones are provided where less frequently used cassettes can be exchanged and freely arranged, and rotor cassettes with IF installed are automatically recognized. This is a new function, which is in the vanguard of ubiquitous dispensing.



Printing (Windows font)

Supporting Original Printing

Windows Font Print

Supporting world letters, illustrations, images, and barcodes

- All of the standard fonts enabled on Windows XP are printable. Various letters and symbols used around the world are printed on drug package paper as displayed on the PC screen.
- Images including pictures, illustrations, logos, and barcodes (Code39.128), and a QR code can be printed.



Variable Character Size

- Character size, regardless of a general idea of "doubleangle", can be adjusted from 1 to 300 points.

Clear and Reader-friendly Print

- Printing is clear and legible.

Easy printing layout

- You only have to drag print items on the screen to create a printing layout.

Print Specifications

Layout	Free layout, printing direction	
Printing direction	Both vertically and horizontally	
Character size	1-300 points	
Print items	Dispensing date	Comment about dosage
	Prescription number	Dosage name
	Patient number	Prescription term
	Name (katakana)	Number of tablets
	Name (kanji)	Number of tablets per pack
	Date of birth	Number of kinds
	Age	Name of drug
	Sex	Amount of one dose
	Hospital / Outpatient	Kind of drug
	Treatment charge	Cassette number
	Hospital ward	ID character
	Claim ticket	Classification of drug
	Prescription start date	Fixed letter
	Doctor's name	Barcode and others
	Pharmacist's name	

* Windows XP is a registered trademark of U.S. Microsoft Corporation.

example of printing



- A wide position
- font 4 types
- logotype



- A position long
- font 4 types
- logotype



- QR code
- font 4 types
- logotype



- photo (a photograph of face, flowers and animals are possible)



- illustrate (a hand-written character and pictures are possible)

Speed

High speed even at average setting... Feel and Sense!

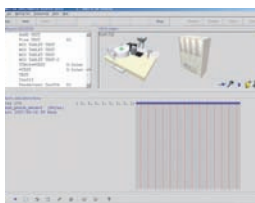
- This machine allows an actual dispensing speed of 50 packs per a minute, printing out in any Windows font, dropping tablets from any rotary cassette set in the cabinet. Such an exceptional speed was measured under similar conditions to actual operation.
- Increasing packing speed, which allows a reduction of dispensing time, used to be incompatible with dispensing accuracy, however, the Xana series has overcomes the problem, achieving an advanced packing speed as high as 50 packs per minute.



Operability

Usability is the first step to accurate dispensing

Tablet Packing Unit Control System - ATF



The system displays prescription data received from host system, confirmation of dispensing results, and making-up drugs used. Used standalone, it can be used as a terminal to input prescriptions.

Touch Panel



The touch panel can display necessary functions such as machine errors, and the number of packs to be made. It provides intuitive operability for smooth dispensing operation.

Alarm Light



The alarm light set on the top of the machine shows machine status in real-time. It allows an operator to check machine conditions while away from the machine.

Packing Unit



The simplified unit consists of electronically controlled parts, so you can easily change an ink ribbon and clean the unit. Compared to traditional packing units, various maintenance functions are added to the new machine.

Machine Specifications - Xana-4001U2



Product Name	Full Automatic Tablet Packing Machine
Model	Xana-4001U2
Control System	Microcomputer Control
Drug Storage	IF Rotary Cassette (S size = 176, M size = 224, Total = 400)
Rotary Cassette Housing System	Sliding Cabinet
No. of Rotary Cassette	400kinds
Dose Packing	50 dose/minute (min)
Tablet supplying System	Photo Sensor System
Size & Weight	W1200 X D1050 X H1985mm (Main Body) 840kg (Without Rotary Cassette)
Power Source	Rated Voltage : Single phase/230V AC Rated Current : 3A Frequency : 50Hz Noise level : Under 70dB
Applicable Directive	Machine Directive 98/37/EC Low Voltage Directive 73/23/EEC Electromagnetic Compatibility 89/336/EEC

* The specifications and configurations may be changed without notice for improvement.

* Printed color images in this brochure may be different from actual products.