



Where standardisation and flexibility complement each other efficiently

Not every prescription can be standardised. Theoretically it is possible to continuously create new combinations of medication doses each week from more than 100,000 registered medicines. In reality a core range of medicines develops, depending on the patient category, which can be standardised in one or more machines. For example, a psychiatric clinic has different basic medicines than a home for the elderly.

However, time and time again, medicines are required that cannot (economically) be dispensed from canisters. These include, on the one hand, seldom-used medicines and, on the other, medicines with a special shape, such as broken tablets which cannot be dispensed in an automated way.

The best system for dosing medicines automatically whilst remaining individual

By using HD Medi's Special Tablet System (STS) you can quickly and easily integrate individual prescriptions into the production process. The software produces a graphic overview which allows special trays to be filled. The software calculates the best time for these to be incorporated in the packaging process with the medicines from the canisters.

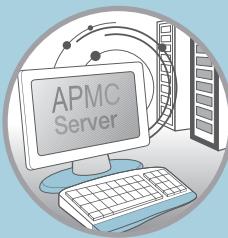
The trays can be prepared in advance. Your ATDPS (Automatic Tablet Dispensing & Packaging System) stops and signals when it needs the tray(s).

Special Tablet System Load Station

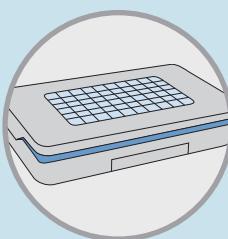




Using the prescription as the basis, the STS Load Station is a system that manages, checks and registers the manual addition of medicines that cannot be dispensed using a canister, and thus reduces the risk of human errors. The system is compatible with all common hospital and pharmacy information systems.



When used with the HD Medi packaging management software, APMC (Advanced Production Multi Control), you combine a more efficient way of packaging with maximum patient safety. This Windows® application allows the entire production process to be managed, controlled and monitored. APMC lets the ATDPS start dispensing the canister jobs. As soon as an STS tray is filled, the APMC ensures that this is dispensed efficiently after the current "patient", and then the canister job continues.



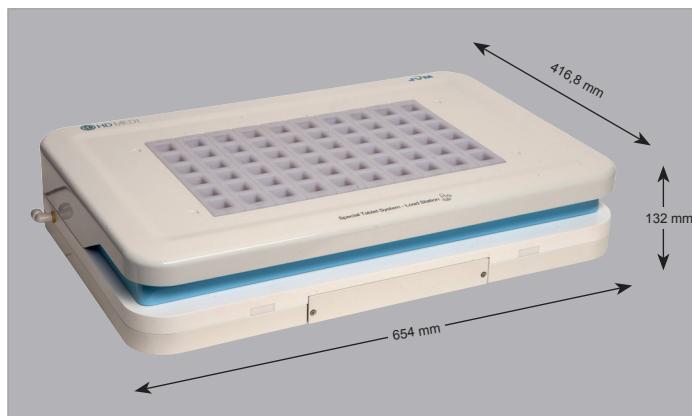
The STS Load Station allocates a tray to a packaging job, verifies the medicines to be filled and checks the filling of the 60 cells of the tray at individual cell level. Only authorised users are allowed to perform the tasks and all actions are logged in order to guarantee traceability.

Benefits

- GaMP and GMP validated.
- GMP, the STS LS can be optionally documented and installed in a GMP environment.
- Dust suction system for a clean and safe working environment.
- Optimum planning for special medication or broken tablet prescriptions.
- RFID authorisation, easy and secure method of authorisation.
- Barcode scanning for medicine identification.
- Multicolour LED to show which cell has to be filled.
- Sensors for correct cell filling.
- LCD touchscreen, for ease of operating the software.
- Track & Trace is possible.



Specifications



Mains power	
Mains voltage	220~240 VAC / 50/60 Hz
Power consumption	25 Watt
Machine characteristics	
Maximum production speed	n/a
Minimum tablet size	Φ3X1L mm
Maximum tablet size	Φ20X24L mm
Maximum fill per cell	The criterion is that no tablets are allowed to protrude above the tray
General	
Weight	Approx. 18.5 kg (excluding STS tray)
Dimensions	654 x 416.8 x 132 mm (width x depth x height)
Ambient temperature	10~40 °C
Humidity	Humidity of 10 - 80%.
Environmental requirements	<ul style="list-style-type: none"> • One available earthed wall socket for the 230VAC/10A/50Hz power supply. • One 1GB ethernet connection to the database server.

The specified values are target values. Right to deviations is retained. No rights can be derived from the technical specifications.