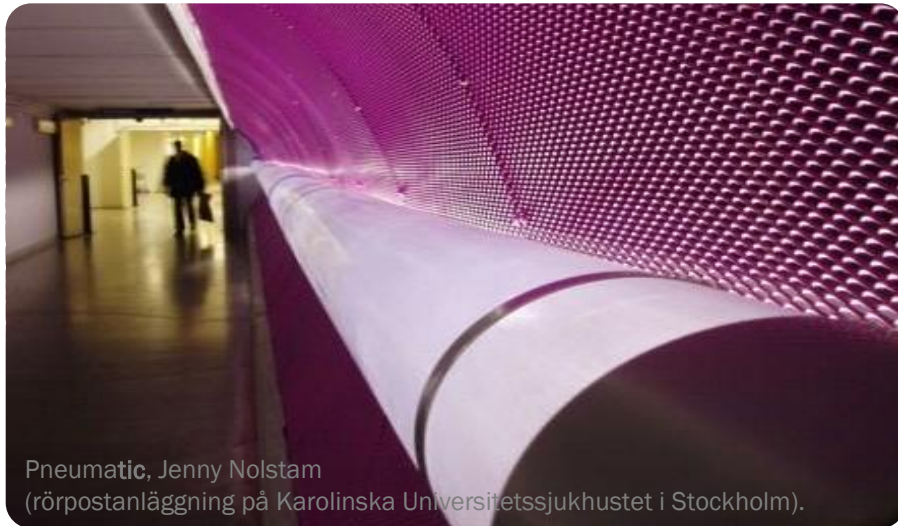


CASHTRONIC®MVX 1-way Pneumatic Tube System

- Areas of use
- Pneumatic Tube System components
- When you choose 1-way



Pneumatic, Jenny Nolstam
(rörpostanläggning på Karolinska Universitetssjukhuset i Stockholm).

Pneumatic tube systems from Hanter IT are used by many producers of goods and services. The systems are solving internal logistic problems and the cost is proven to be low: Hanter Pneumatic Tube Systems are robust, provide significant increase in safety, are user-friendly and inexpensive to maintain.

Light and heavy industries, health care sector, retail stores, airports, offices and casinos – everywhere pneumatic systems from Hanter rationalize working environment and save both time and money.

This case is about Cashtronic®MVX 1-way systems for the retail sector.

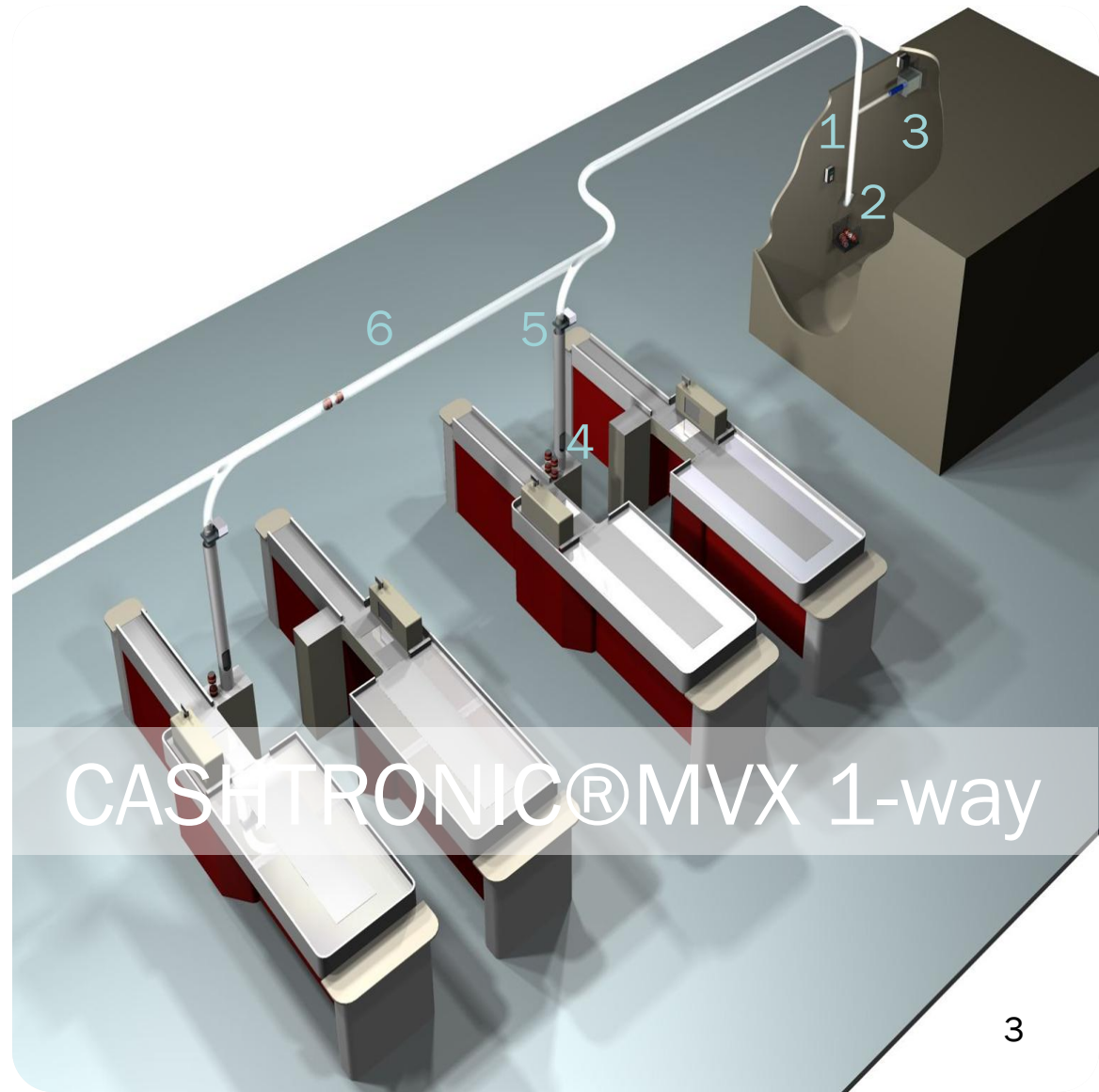
Cashtronic®MVX 1-way is transporting cash and other valuables from the check-out line to the cash office. Because of its possibilities, this system has gain much popularity among many European retailers. Main system components can be observed on the picture:

Cash office:

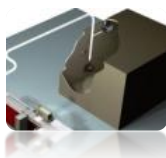
1. Main Control Unit
2. Receiving station
3. Blower

Check-out line:

4. Sending stations
5. Air control units
6. Tube line



Cash office



1. Main Control Unit (MCU) – system’s brain

CASHTRONIC®MVX – is a user-friendly microprocessor-controlled system. User controls the system via MCU, where all information is displayed in clear text.

2. Receiving station.

Choice of a station depends on requested functions and on a store’s size. Hanter IT have developed both basic stations and stations with more advanced functions.

3. Blower – provides air flow

Carriers in a systems are driven by air. Blowers can be 1-phase (3a) or 3-phase (3b). Blower can be placed in a separate room close to cash office.

CASHTRONIC®MVX 1-way



Check-out line



3. Sending stations

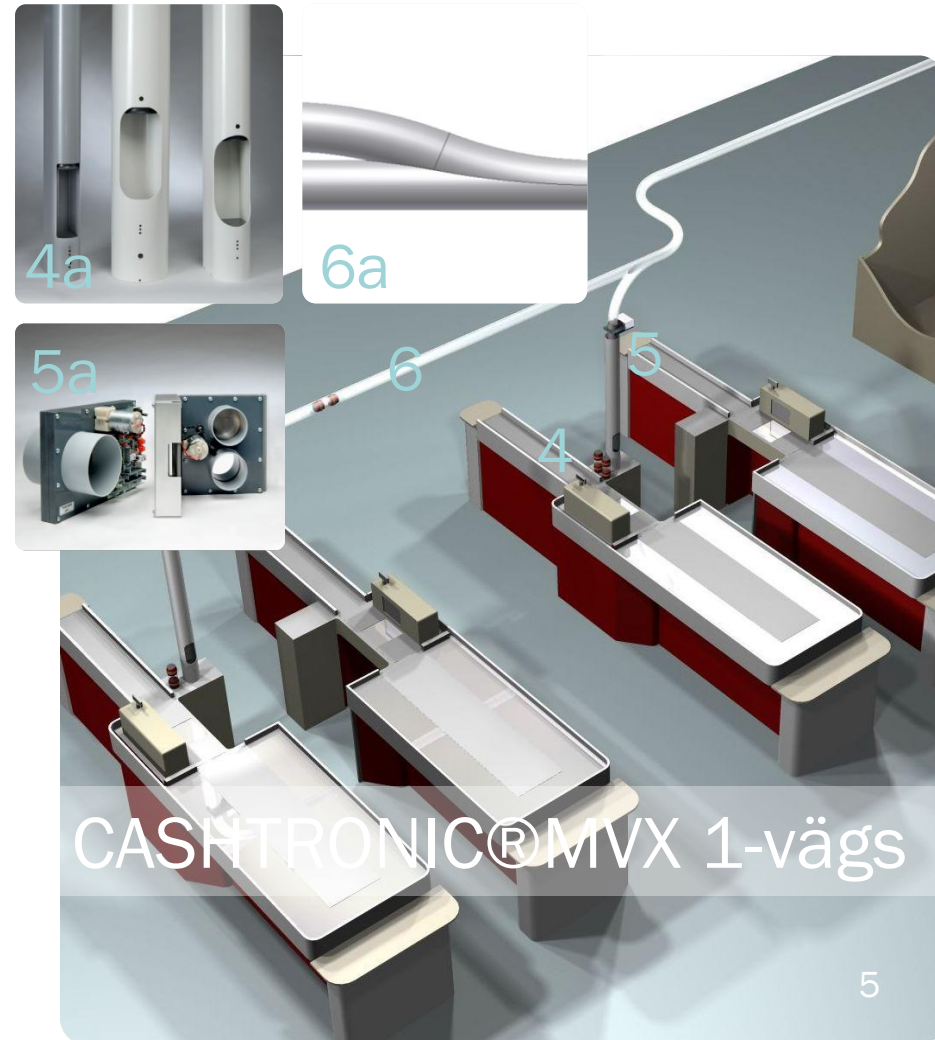
CASHTRONIC®MVX has broad program of sending stations for retail stores of different scale. Stations are equipped with LED signals to show system's status. User can book a sending manually or let the system to book and start a sending automatically.

4. Air-flow control

CASHTRONIC®MVX pneumatic system can control different air flow control units, such as motor valves, diverters and etc. Because of that, it is easy to configure a flexible system for different purposes and at different cost.

5. Tube line

All tubes and tube components are produced under highest quality conditions to provide long and reliable service (5, 5a).



WHEN CHOOSING A 1-WAY PNEUMATIC TUBE SYSTEM.



SYSTEM CONTROL. Even though most of the modern pneumatic tube systems are microprocessor-controlled, it is not given that a system can handle the following tasks:

- Automatic booking of sendings, different purge programs, ability to integrate stations and panels with different functions, menu with clear text, carrier arrival control.

If a system don't have above named abilities, with time its user can experience it as non user friendly. Also, an "unintelligent" system is difficult to modify in the future, difficult to upgrade and can not be integrated with other types of stations and panels.



CARRIERS. Some carrier producers use VELCRO rings. These are relatively easy to be worn out, which worsens transport ability and even can cause system malfunction. Hanter IT carriers are equipped with felt rings to secure reliable transport ability.



STATIONS. Stations may look same, but still have significant differences. Ask producer to describe stations' functions and ability to work with different panels.

Hanter IT have developed many additional solutions for check-out stations to improve check-out environment. We are always glad to help our customers with unique solutions to fulfill all requirements.