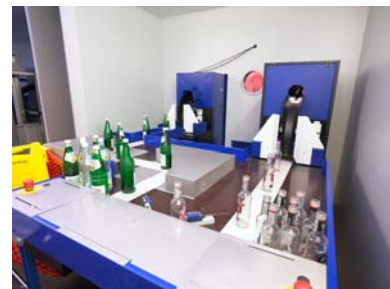




Application Information: Reverse vending machines



Application:

Sirem drum motors are used

- a.) for conveyers integrated in the unit itself to enter the crates
- b.) in the background for collecting the bottles on a table
- c.) for conveyers in the background to transport the crates to the final storage place.

Customer needs:

- High reliability
- Optimized need for space
- Drums adapted to customers needs
- Minimum noise level
- Single phase motorization (no Steinmetz connection)
- Thermal overload protection integrated

Sirem: The best alternative to worm gear motors

- Very good price relation compared to worm gear motors and accessories necessary. Sirem drums reduce a worm gear motor, the mounting and the free roller to one unit.
- Much easier to mount. Sirem drums reduce also costs by saving mounting time.
- No space beneath the conveyor needed due to the technology.

Sirem Experience:

In connection with the needed quantities Sirem did adapt the drum exactly to the need of the customer by:

- Special adaptation of the length
- Special combination of different technologies (high and medium industry)
- Special rubber surface on the RL 110 for friction increase

Special rubber adapters for reduction of noise/vibration

Pictures with kind permission of Wincor-Nixdorf Technology GmbH, Ilmenau (Germany) showing typ RHEPRO and background collecting table.