



Coin Lift CL-100

Coin Transport to Any Height

The NRI Coin Lift CL-100 is a coin transport system guiding all coins accepted or rejected by the machine's coin validator and directed to the coin collecting box installed at the bottom of the machine upwards to the return cup positioned near the coin slot. The CL-100 enables the machine customer to take his coins back in the height of the coin slot for instance (same coin-in and coin-out height).

Once installed in the machine the coin lift acts as an independent system such as a coin validator and other payment devices in a machine.

Overview



- 1 Coin exit (sensor-monitored)
- 2 Machine interface
- 3 Motor
- 4 Chain track
- 5 Coin entry (optionally sensor-monitored)
- 6 Transport chain

Models

The CL-100 is available in different models in order that it can be customized optimally:

- in different heights depending on length and number of straight chain tracks (cp. Dimensions in section “Mounting dimensions”)
- with coin entry in customer-specific height
- with coin exit in the front or rear side
- customer-specific motor position
- for a supply voltage of
 - 24 V DC $\pm 10\%$ (standard)
 - 12 V DC $\pm 10\%$
- with customer-specific mounting/suspension device
- optional coin entry control



CL-100 in different heights

Properties and application

- Independent ccTalk-controlled system
- Coin transport from coin entry height to any other height, the return cup for instance
- Transport of worldwide coins
- Transport also of last coin
- For all machine businesses
 - Gaming
 - Transportation
 - Vending
 - Retail
 - Financial Service
- Options
 - Coin entry control
 - Mobile HENRI+ service tool for firmware updates

Function

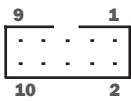
As soon as the host provided by the customer sends a ccTalk payout command, the CL-100 motor starts the chain transporting the coins, e.g., from a coin collecting box installed at the bottom of the machine upwards in a chute to the return cup. If the photoelectric sensor of the coin exit detects and signals no more coins, then following a timeout, the coin lift motor stops the transport chain.

Technical characteristics

Supply voltage	24 V DC $\pm 10\%$ (standard) 12 V DC $\pm 10\%$
Temperature range	5 °C to 60 °C
Temperature change	Max. 0.2 °C/min.
Rel. humidity	93% max.
Condensation	Not permitted
Dimensions (approx.)	Height: 612 mm (height example 1, 2 tracks) 776 mm (height example 2, 3 tracks) 942 mm (height example 3, 4 tracks) Width: 391 mm 436 mm (height example 2, 3 tracks) 451 mm (height example 3, 4 tracks) Depth: 48 mm (without motor) 119 mm (with motor) (cp. section „Mounting dimensions“)

Machine connector, pinout

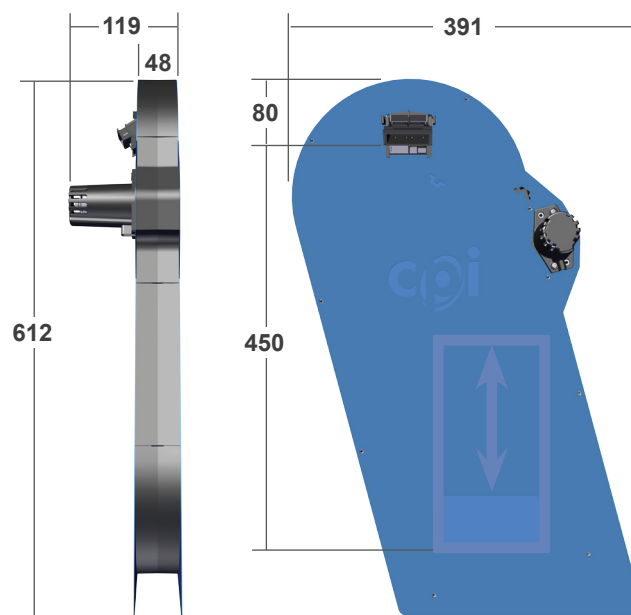
ccTalk, 10-pole



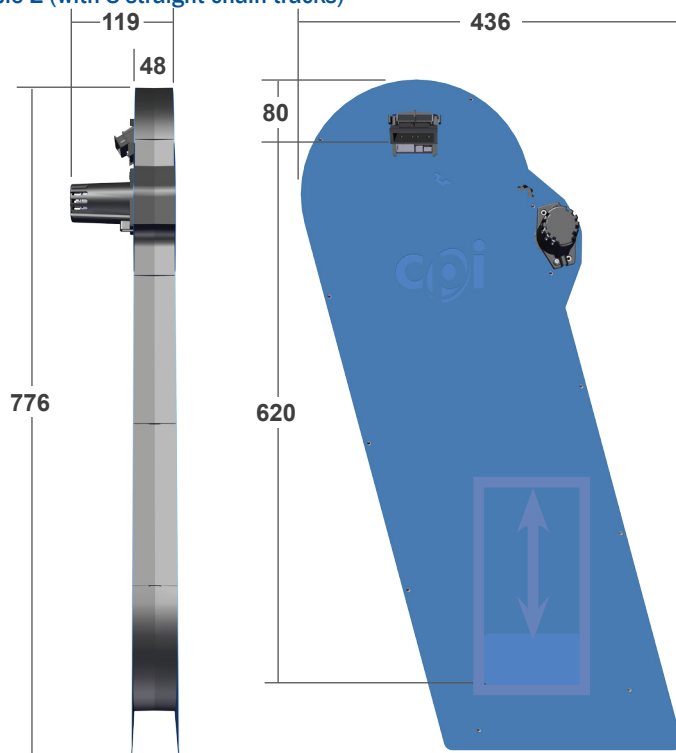
Pin	Function
1	ccTalk data
2	V DC
3	V DC
4	GND
5	GND
6	GND
7	V DC
8	GND
9	nc
10	V DC

Mounting dimensions

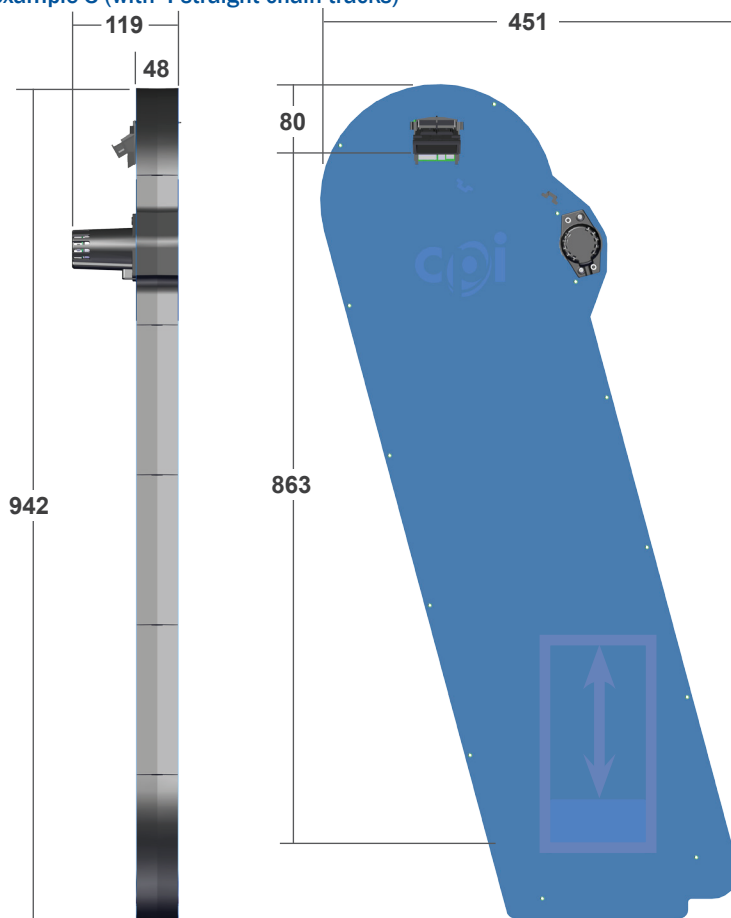
Height example 1 (with 2 straight chain tracks)



Height example 2 (with 3 straight chain tracks)



Height example 3 (with 4 straight chain tracks)



Additional technical documentation

All NRI product descriptions, e.g., for our coin validators and hoppers are available as PDF at www.cranepi.com (NRI support page).



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