



WOHWA Self-Service Terminal RCT38

for simple and economic loadouts directly to vehicles

Features/Benefits

- Simple Operation
- Economic, direct loadout
- Optimal utilization of loading capacities
- No underloading or overloading of vehicles
- Savings on
 - transport routes
 - transport times
 - energy costs
 - vehicle costs
- No extra personnel required





WOHWA Self-Service Terminal RCT38



Direct loadout to trucks



Simple handling for truck drivers

Applications

The WOHWA RCT38 is a compact, handheld remote control terminal, based on the latest single chip microprocessor technology. Its dust and waterproof design (IP 65) makes it suitable for outdoor use directly below hoppers.

The WOHWA Terminal RCT 38 makes your loadouts to vehicles very simple. The high loadout accuracy and rate guarantee an optimized utilization of your loadout capacities. Therefore, no more underloading or overloading of vehicles, resulting in savings on transport routes, transport times, energy and vehicle running costs, and no more trouble with overload offences at police checkpoints. The drivers can load their vehicles on their own without any assistance of extra personnel – even if the loading space is not directly visible as with truck mixers or big dumpers. The driver selects the required quantity via a foil keypad with touch points and a 7-segment LED. After pushing the keys „Start“ and „Enter“, a built-in microprocessor controls the WOHWA discharge gate volumetrically by using a standard time watch system. With pourable bulk materials and reproducible flow and discharge characteristics, accuracies of $\pm 3\%$ or better can be achieved. A failsafe

memory permits storage of daily statistics of the loaded material.

Programming

Calibration of the RCT38 can easily be done to cope with any product-specific discharge characteristics. In service mode, the RCT 38 is programmed to control a fixed “open” time. The required load rate can be adjusted by moving the “open” limit switch at the slide gate. The quantity achieved during calibration is stored in memory and is valid for the maximum loadout rate. It is also possible, however, to achieve a smaller loadout rate, e.g., for loading silo vehicles or truck mixers, by determining and storing the necessary opening time for this rate. For loadouts to trucks with trailer units, two different quantities can be entered.

Functions

After load 1 has discharged into the truck, an adjustable time delay (e.g., 5 – 10 sec) allows for positioning the trailer under the discharge point before load 2 is automatically started. When used with a blending and loadout system, (with recipe management), the RCT38 can be used as an input terminal for recipes and quantities at the loadout point.

Technical Data

- **Terminal Housing**
w x h x d 200 x 290 x 80 mm
(approx. 7.87 x 11.42 x 3.15 inches)
- **Motor Control Unit Housing**
Approx. 400 x 400 mm
(15.75 x 15.75 inches)
- **IP Rating**
IP 65
- **Temperature range**
-10 °C/+40 °C
- **Power Connection**
 - Motor Control Unit via 400 V three-phase current
 - The terminal unit is fed from the Motor Control Unit
- **Key Functions**
 - 10 digits
 - C, E, START, STOP
 - QUANTITY 1
 - QUANTITY 2
 - Small loadout capacity,
 - Maximum loadout capacity
 - F2 and F3 not used
- **Display**
 - 7-Segment LED red
 - 14 mm digit height (approx. 0.55 inch)
 - up to 6 digits
- **Status messages**
 - Slide gate open; belt feeder/vibrator operating
 - No material
 - Error “motor protection”
- **Power Supply**
Via supplied Motor Control Unit (via 400 V three-phase current supply [+10 % -15 %]; V50 Hz (± 1); Depending on installed type of discharge unit.