# C315.4P Pallet Scale
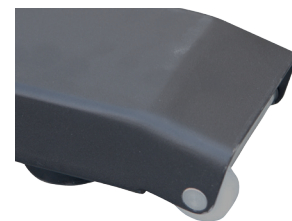
Precise weighing of loads on pallets



C315.4P.3000.C



Transport-supporting casters



PUE C315 indicator with LCD display in ABS housing

## Functions

| | | |
|---|---|---|
| Parts counting | Percent weighing | Totalizing |
| +/- control | Animal weighing | Peak hold |

In-built battery

Replaceable units

## Features

**Precise Weighing Results in Industrial Conditions**
Mass measurement carried out using 4 load cells guarantees weighing accuracy regardless positioning of the load on the platform. The scale ensures precise and fast mass measurement in industrial conditions.

**Reliability and Safety**
Robust design of powder coated platform enables measurement of large load ensuring durability and robustness during everyday operation.

**Special-Purpose Scale**
Unique shape of the weighing platform facilitates weighing Euro-pallets and any types of transport pallets of 800 x 1200 mm dimensions. The scale enables loading the weighing pan using forklift.

**Cooperation with PUE C315 Indicator**
The scale can be operated via uncomplicated and reliable PUE C315 indicator housed in an ABS housing.

**Uncomplicated Operation and Clear Presentation of Indications**
Due to a backlit LCD display the measurement result is clearly visible. Easy operation enables fast and reliable measurements to be carried out even by an inexperienced operator.

**Uninterrupted Operation due to an Internal battery**
Integrated battery of the weighing indicator enable several hours long mobile operation.

**Ergonomics and Comfort of Operation**
With use of a long cable it is possible to locate the indicator in a place facilitating convenient operation or on the wall. An additional accessory enables placing the indicator on a stand. Good quality casters and handles allow to easily transport the scale.
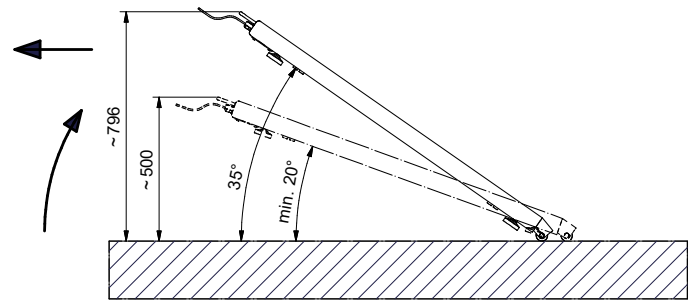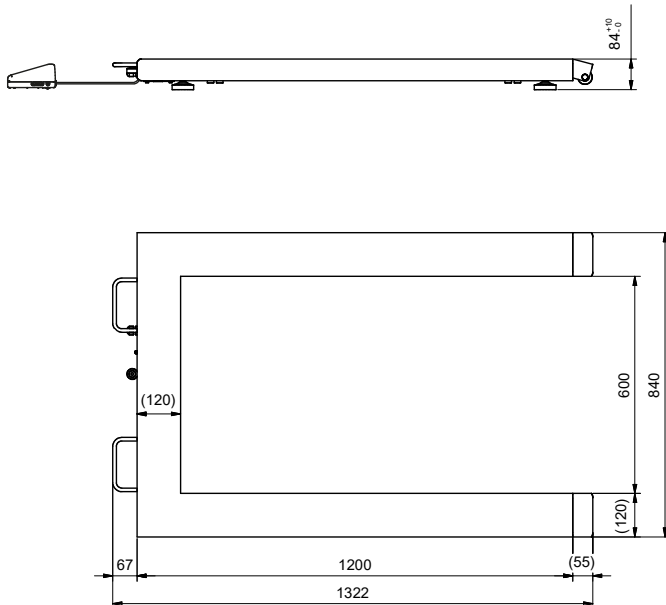
# Technical Specifications

| | C315.4P.600.C | C315.4P.1500.C* | C315.4P.3000.C* |
|---|---|---|---|
| **Maximum capacity [Max]** | 600 kg | 1500 kg | 3000 kg |
| **Minimum capacity** | 4 kg | 10 kg | 20 kg |
| **Readability [d]** | 200 g | 500 g | 1000 g |
| **Max readability for non-verified scale** | 200 g | 500 g | 1000 g |
| **Verification unit [e]** | 200 g | 500 g | 1000 g |
| **Tare range** | –600 kg | –1500 kg | –3000 kg |
| **Verification** | Yes | Yes | Yes |
| **OIML class** | III | III | III |
| **Platform material** | St3S powder-coated steel | St3S powder-coated steel | St3S powder-coated steel |
| **Weighing pan material** | St3S powder-coated steel | St3S powder-coated steel | St3S powder-coated steel |
| **Indicator fastening** | on a cable | on a cable | on a cable |
| **Display** | LCD (with backlight) | LCD (with backlight) | LCD (with backlight) |
| **Keyboard** | 5 keys | 5 keys | 5 keys |
| **Indicator** | PUE C315 | PUE C315 | PUE C315 |
| **Ingress protection - design** | IP 65 | IP 65 | IP 65 |
| **Ingress protection - indicator** | IP 43 | IP 43 | IP 43 |
| **RS 232** | 1 | 1 | 1 |
| **RS 232**** | 1 | 1 | 1 |
| **Power supply** | 100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery | 100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery | 100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery |
| **Battery operation time** | to 8 hours | to 8 hours | to 8 hours |
| **Power consumption** | 5 W | 5 W | 5 W |
| **Operating temperature** | –10 ÷ +40 ℃ | –10 ÷ +40 ℃ | –10 ÷ +40 ℃ |
| **Relative humidity ***** | 10 ÷ 80% | 10 ÷ 80% | 10 ÷ 80% |
| **Transport and storage temperature** | –10 ÷ +50 ℃ | –10 ÷ +50 ℃ | –10 ÷ +50 ℃ |
| **Weighing pan dimensions** | 840 × 1200 mm | 840 × 1200 mm | 840 × 1200 mm |
| **Indicator dimensions** | 181 × 136 × 60 mm | 181 × 136 × 60 mm | 181 × 136 × 60 mm |
| **Net weight** | 43 kg | 43 kg | 43 kg |
| **Gross weight** | 75 kg | 75 kg | 75 kg |
| **Packaging dimensions** | 1400 × 900 × 280 mm | 1400 × 900 × 280 mm | 1400 × 900 × 280 mm |

\*       option: dual range weighing instrument
\*\*      optional scale design
\*\*\*     non-condensing conditions

# Dimensions



Transport of the pallet scale using casters and handles.

## Accessories

**Peripheral Devices**
- dot matrix Epson printer
- LCD – WD-4/3 display (backlit)
- WWG-2/3 large-size display

**Cables, Converters**
- RS-232 – P0259 computer cable
- RS-232 – PT0326 (terminal-terminal)
- RS-232 – P0151 Epson printer cable

- RS232 – KR-04-2 converter
- RS232 – KR-04-3 converter
- AP2-3 – current loop unit
- K0047 – cigarette lighter cable
- external power supply - K0046D (for PUE C/31H/Z)

**Remaining Accessories**
- stands for indicators

## Dedicated Software

### R-LAB
- collecting measurements
- carrying out statistical analysis of measurements
- customized graphs and reports

### LabView Driver
- operation of RADWAG balances in LabView environment

### Scale editor
- software designed to enable change of parameters in the PUE C315 indicator

### RADWAG Development Studio
- presentation of functions (and subfunctions) of communication protocol (Common Communication Protocol)
- possibility of connection with weighing equipment on which each function is carried out
- library with mass control, contained within the development environment
- complete documentation of the communication protocol
- set of user manuals for different solutions addressed for programmers employed in companies using RADWAG-manufactured weighing equipment

### RADWAG Connect
- establishing communication with all balances, scales and weighing modules using Common Communication Protocol
- communication via local network
- support of basic functions
- auto searching for devices
- connecting with few devices simultaneously, swapping between them
- clear list of connected platforms
- record of measurements in the program
- export of carried out measurements to CSV file
- work performed using freely selected device with Windows 10 operating system

### RAD-KEY
- establishing cooperation between a weighing instrument and a computer

### R.Barcode
- the basic function software is presentation of the data sent by barcode scanners connected to PC via USB or RS232

www.radwag.com