



Print function :

- Text on weighing ticket configurable by PC keyboard (*Compagny name*).
- Automatique printout (*at end of preselection*) or printout at programmed rate (*at programmable time intervals*) or manual printout.

Communication function :

- JBUS/MODBUS protocol.
- Data exchange in binary or in real.
- All functions and parameters accessible by the protocol.

Auxiliary functions :

- Digital inputs/outputs with programmable function.
- Management of a programmable «grouped faults output».
- Independent and backed up clock/calendar.

General

The ROL 470 electronic unit is a simplified single-channel electronic unit that can be combined with a weighing infrastructure connected to a speed sensor, to measure a continuous variable flow of a bulk product and then totalise the weights transferred.

General presentation

- One built-in box (*dimension 140 x 136 x 180*) protection IP 65 (*front face*) - 2 m long communicating cable :
 - One 7-key keypad,
 - One 2-line 20-character backlit liquid crystal display unit.
 - One UC card + weight/speed acquisition.
 - One keypad/display management card.
 - One power supply module.
- Plain text display showing flow, totalisation, speed, weight per meter information on alphanumeric screen.
- Status signalling on 3 leds.
- Personalised printing program.
- Communication program (*JBUS protocol*).
- Operator dialogue in four languages programmed at the user's choice (*french, english, spanish, polish*).
- Easy configuration using PC type keyboard (*keyboard optional*).

Functional characteristics

Weighing function :

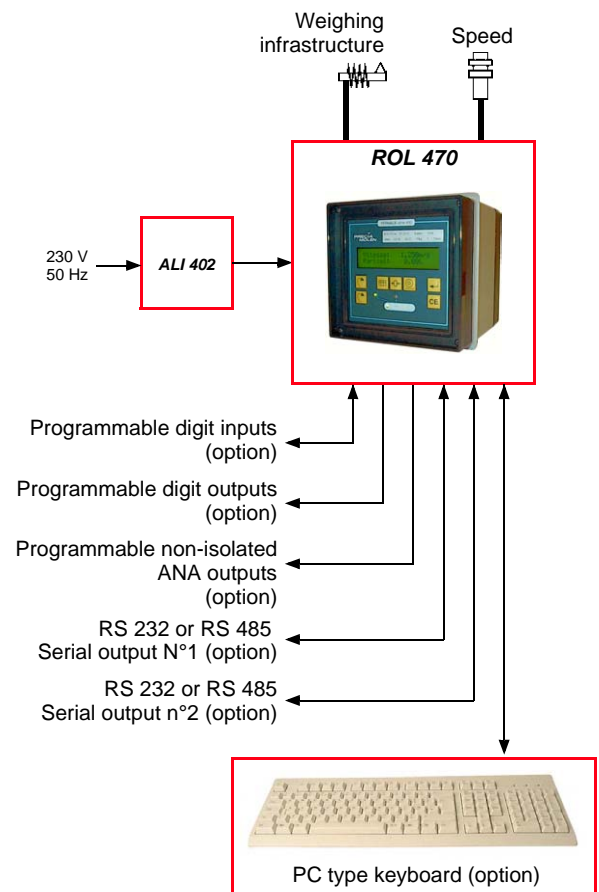
- Weight/speed acquisition
- Instantaneous and average flow measurement
- Partial and global totalisation.
- Load preselection.
- Minimum and maximum time thresholds - alarms.
- Automatic tare.
- Tare with automatic test.
- Possibility of regulation with analogue card (*option*).

Preselection function :

- Automatic belt end correction.
- Possibility of starting with the belt empty or belt loaded.
- Start/stop extractor and weigher control without the need for external automation.

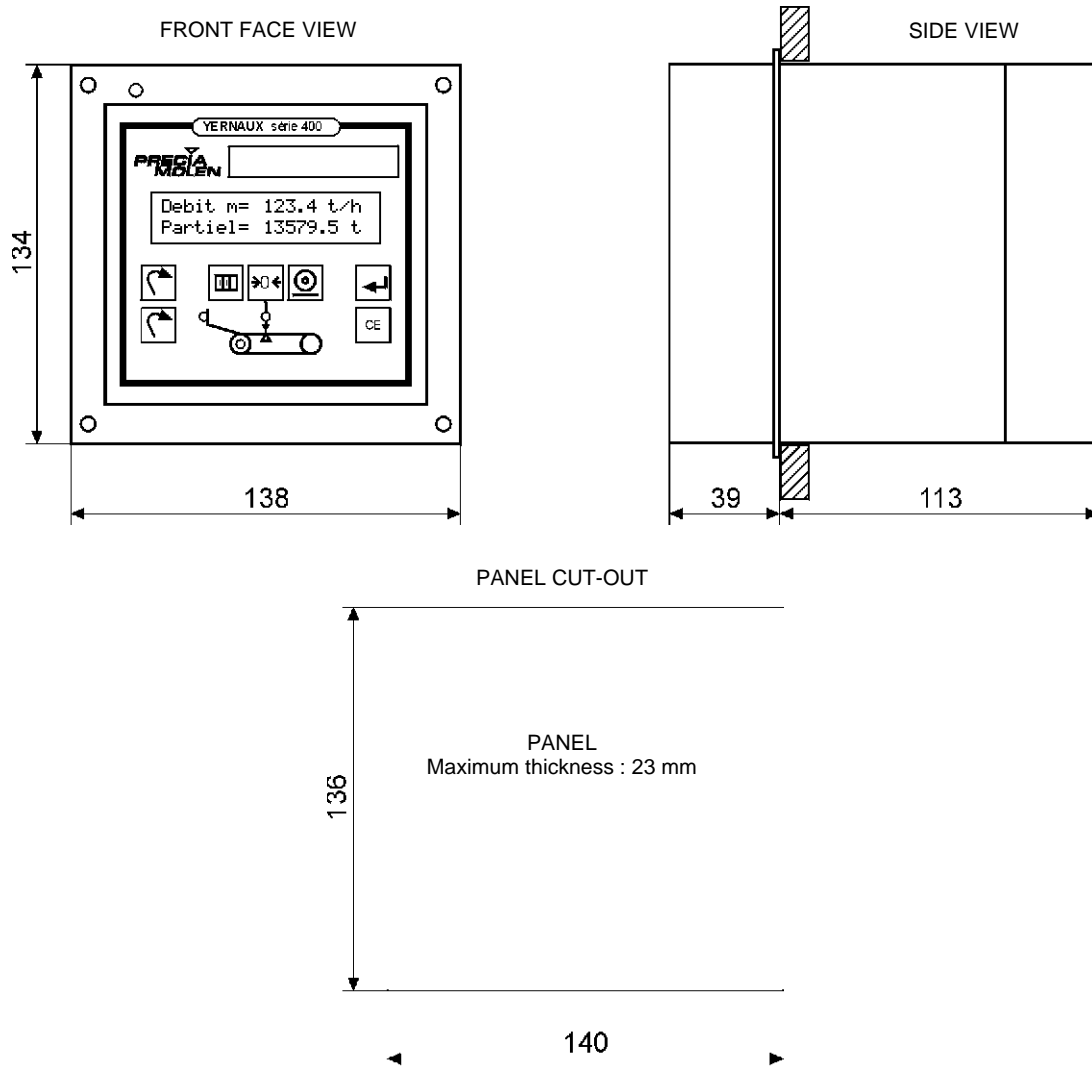
Dynamic weighing

Typical application



Physical characteristics

■ Dimensions of built-in version :



■ Weight : 2 kg

Electrical characteristics

- Mains voltage 230 V
- Frequency 50 Hz
- Power per weigh scale 4 VA approx.

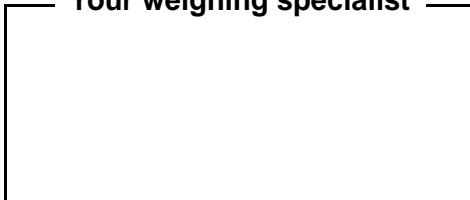
Environment characteristics

- Seal (ROL 470 front face) IP 65
- Temperature range :
 - operation - 10°C / + 40°C.
 - storage - 20°C / + 60°C.

Options & Accessories

- 1 PC type keyboard.
- 1 Individually configurable digital 4 I/4 O card.
- 1 Analogue 2 I/2 O card (voltage or current) for regulation.
- 1 RS 232 or RS 485 serial link card (Mod-bus/J-Bus) for PC, printer, supervision, PLC.
- 1 Analogue programmable 2-outputs card (0-20 mA or 4-20 mA).
- 1 Second serial link card for PC or printer (RS232 or 485).
- Flow or weight repeater.
- 80-column or ticket printer.
- Recorder.
- Microcomputer.

Your weighing specialist



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