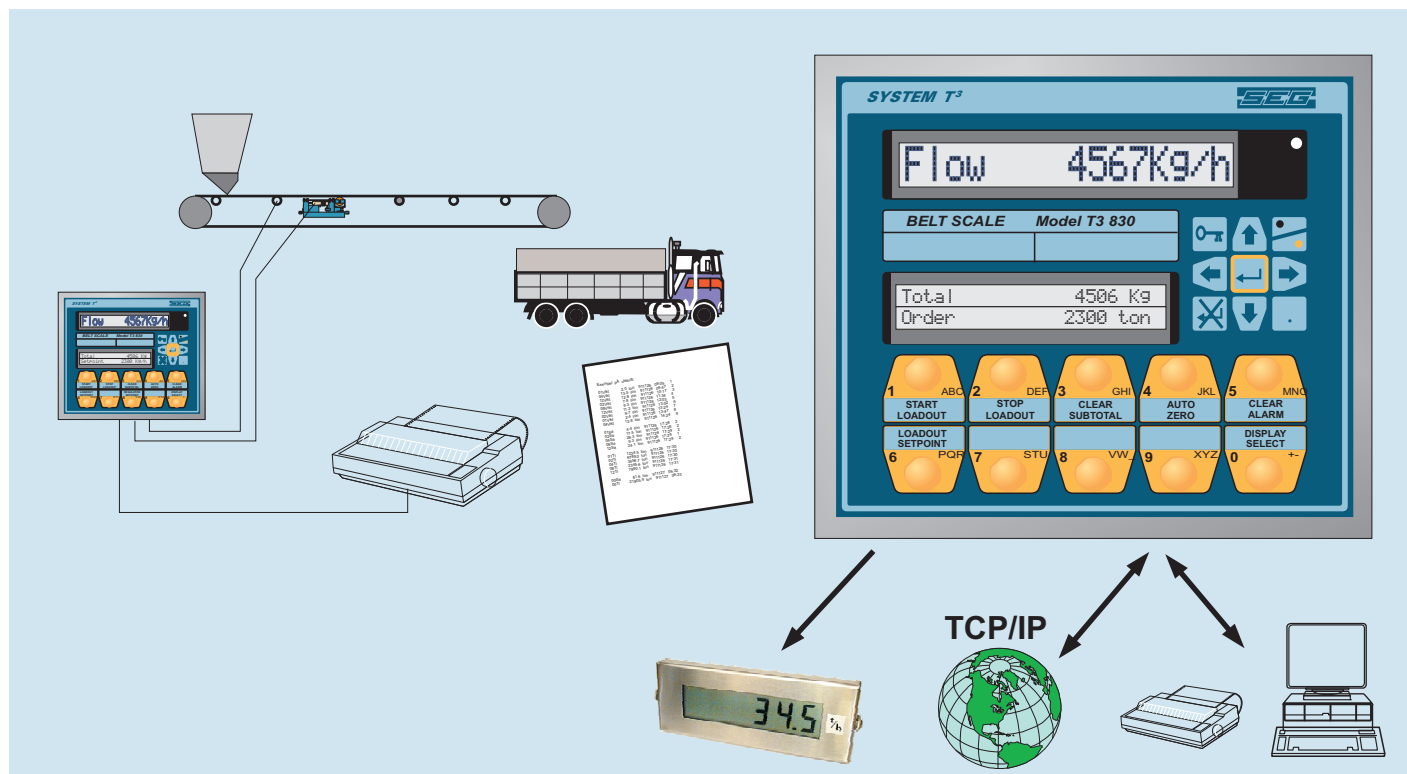




SYSTEM T3 Model 830

TECHNICAL DATA AND FEATURES



SYSTEM T3 Model 830 may be configured for Totalising, Loadout etc.

SEG Model T3 830 is an advanced belt weigher controller with built-in loadout function. A splash proof key pad allows the operator to communicate with the system via a user friendly menu system.

MID and OIML CERTIFICATE OF CONFORMITY for Certification as **Legal scale** where required

- Remote control via I/O-units
- Selectable languages
- Serial comm. via TCP/IP, RS485 etc.
- Programmable control logic
- Semi automatic Set-up.
- **TAC Type Approval Certificate: SPJ 00:03/GD37**
OIML R50:1997 Class 0.5



FRONT KEY FUNCTIONS

Key number	Function
1 START LOADOUT	Start of loadout function.
2 STOP LOADOUT	Terminates loadout function.
3 CLEAR SUBTOTAL	Zero sets indicated totaliser subtotals 1 or 2.
4 AUTO ZERO	Initiates an autozero sequence.
5 CLEAR ALARM	Resets an Alarm indication.
6 LOADOUT SETPOINT	Enters desired loadout setpoint value.
7	
8	
9 PRINTOUT	Printout of subtotals etc.
0 DISPLAY SELECT	Toggles lower display indication between Total, Subtotals or Loadout result if selected..

Arrow and enter keys for menu navigation when in program mode

DISPLAY READING**Upper Display**

Current Mode (Flow, Empty, Auto zero, Stop etc.) and Flow indication with selected units (kg/h, t/h).

Lower Display

Row 1. Selected totaliser (Loadout, Total, Subtot.1, Subtot.2)
Alarm information (Bad Frequency, No system zero etc.)
Row 2. Loadout setpoint / Operator communication (menu system)

OUTPUT functions

Below are available relay and analogue functions listed (Requires optional I/O-units)
Output relays: 250VAC/10A Analogue signals: 0/4-20mA Refer to spec.T42-2e

Legal menu	Main feed, Loadout	Flow indication (analogue signal)
Load level	Feed Time, Loadout	Flow indication, scaled (analogue signal)
General Alarm	Level 3	Total 2, Loadout
Totalising	Loadout Dev+	
Level 1	Loadout Dev-	
Zero OK	Belt Running	
Zero On	Flowrange overload	
Empty	Sample	
Level 2	Total 1, General (built-in 24Vdc pulse)	

INPUT functions

Below are available relay and analogue functions listed (Requires optional I/O-units)

Clear Alarms	Block Totalising
Zero set Subtotal 1	Print
Zero set Subtotal 2	Keyboard lock
Ask for zero	
Start Loadout	
Stop Loadout	
Abort Loadout	
Block AutoZero	

CONTROL

Loadout function including automatic afterflow control with outputs for deviation+/-, feed control and totalisation.

Auto-zero function when running empty.

Selectable levels for surveillance of load time, running time, overload etc.

ADDITIONAL

2 com ports available for connection to printer, Host computer or additional T3-controllers as master for ratio control.

Serial interfaces available for: RS232C, RS485, TCP/IP and 20mA Current Loop

Password protected menu system for parameter settings.

