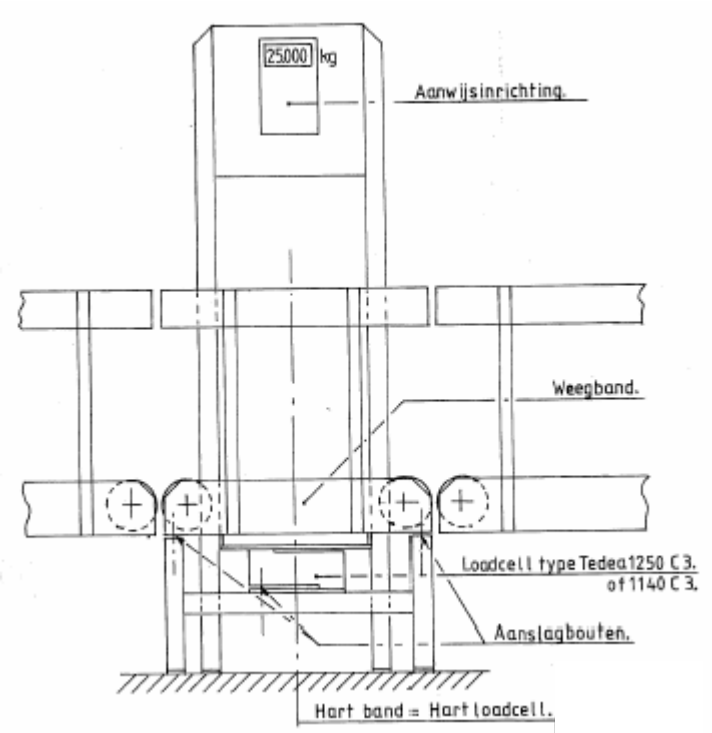
In case of dispute the Danish version of this document has higher priority.

PATTERN APPROVAL CERTIFICATE	File No.: 08-3669
	Revision: 1
	Date: 2006-10-20
Valid until: 2016-10-29	Pattern Approval No.: TS 24.41-029

AUTOMATIC CHECKWEIGHER



Manufacturer	BTH, The Netherlands.
Applicant	BTH, The Netherlands.
Art	Automatic checkweigher or weightrader.
Designation	C-50.
Scope of application	Industry.
Peripheral equipment	No need for securing of peripheral.
Pattern approval	In compliance with OIML R51, 1996.

NOTE ! Measuring instruments not being completely identical with the statements in this certificate can only be verified on condition of a separate approval as appendix to this certificate.

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1. METROLOGICAL DATA

In compliance with OIML R51, 1996.

Accuracy class		X(1)	
Maximum load	Max =	≤ 50 kg	
Minimum load	Min =	≥ 200 g	
Verification scale interval	e =	≥ 10 g	
Maximum number of verification scale interval	n =	≤ 3000	
Tara	T =	-Max	
Temperature range		-10 °C to +40 °C	
Maximum platform size		520 mm x 1500 mm	
Weighing rate		300 mm x 600 mm to 520 mm x 1100 mm	up to 700 bags per hour
		820 mm x 1500 mm	up to 1400 bags per hour

The weighing instrument comprises one strain-gauge load cell designated 1250 C3 from Tedea Huntleigh. Other load cells must fulfil the requirements in Welmec guide 2.4.

The indicator has these metrological characteristics:

Load cell excitation voltage		12 VDC
Minimum input voltage per verification scale interval		1 µV/VSI
Minimum load cell resistance	RLC	≥ 43 Ω

When “Remote-sensing” is used, no special cable length has to be provided for the connection between the indicator and the junction box for load cells.

2. REGULATIONS FOR VERIFICATION

Verification

According to MDIR 24.31-01 and OIML R51, revision 1996.

Prior to verification the calibration function must be secured. The DIP switch S1 must be placed in position OFF. The DIP switch located to the left of the type plate that is positioned at the front of the indicator.

Markings

Type plate: »manufacture, type designation, serial number, pattern approval sign, X(1), Max =, Min =, e =, d =, T = -, ? weighings per minute and 230 V / 50-60 Hz«.

Sealing

The type plate must be secured with a verification label and with security labels.

The calibration function must be secured by securing the plate that cover the four DIP switches located to the left of the type plate that is positioned at the front of the indicator. The plate is secured with sealing wire through screw with hole.

The load cell connection must be secured with sealing wire or with security labels. Seals must be marked with a verification mark.

The Danish Accreditation and Metrology Fund reserves the right to demand the sealing changed.

3. DESIGN

The weighing instrument comprises one indicator type AD 4325 from A&D and one strain-gauge load cell mounted on a frame. The load cell carrie the weighing belt that stops when the pre-package is weighed.

Metrological characteristics:
Four displays, foil keyboard with twelve keys, two LEDs, semi-automatic zero-setting, automatic zero-setting and semi-automatic, subtractive tare.

4. DOCUMENTATION

Application No. 08-3669.

P. Claudi Johansen.