NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/9C/216

This is to certify that an approval for use for trade has been granted in respect of the pattern and variants of the

Bizerba Model 3500 Platform Weighing Instrument

submitted by Selby Anax
352-368 Ferntree Gully Road
Notting Hill VIC 3170.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/7/93.
This approval expires in respect of new instruments on 1/7/94.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/216.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to the instrument shall be within the limits specified in this approval or in any approval documentation for the components, where they are approved separately.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0.

The load cells used shall be subject to regular certification by the Commission

Signed

J. Birch

Executive Director

Descriptive Advice

Pattern: approved 28/6/88

- Bizerba model 3500 weighing instrument of 3000 kg maximum capacity.

Variants: approved 28/6/88

1. Other models and capacities as listed in Table 1.

2. With a Bizerba model MCE-Z indicator.

Technical Schedule No 6/9C/216 describes the pattern and variants.

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Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/9C/216 dated 28/4/89
Technical Schedule No 6/9C/216 dated 28/4/89 (Incl. Test Procedure)
Table 1 dated 28/4/89
Figures 1 to 4 dated 28/4/89

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/216

Pattern: Bizerba Model 3500 Platform Weighing Instrument.

Submittor: Selby Anax
352-368 Ferntree Gully Road
Notting Hill VIC 3170.

1. Description of Pattern

A Bizerba model 3500 self-indicating platform weighing instrument of 3000 kg maximum capacity (Figure 1 and Table 1).

1.1 Basework

The load receptor is supported by a 2-lever knife-edge system (Figure 2) which transfers the load to a single load cell. The basework is provided with 4 adjusting feet and a levelling indicator. A notice advising that the instrument must be level when in use is affixed to the indicator.

1.2 Load Cell

A Bizerba model BB15 load cell (Figure 3) of 18 kg capacity is used as described in the documentation of NSC approval No S235.

1.3 Indicator

A Bizerba model MCI-Z indicator is used as described in the documentation of NSC approval No S238.

1.4 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark		
Serial number		
NSC approval number		NSC No 6/9C/216
Accuracy class		(III)
Maximum capacity		Max ... kg *
Minimum capacity		Min ... kg *
Verification scale interval		e = d = ... kg *
Maximum subtractive tare		T = - ... kg
Load cell approval number)	where	
Indicator approval number)	appropriate	

* These are repeated adjacent to each reading face.

In addition, the instrument shall be marked BASEWORK MUST BE LEVEL WHEN IN USE.

1.5 Verification Provision

Provision is made for a verification mark to be applied.

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2. Description of Variants

2.1 Variant 1

Other models and capacities as listed in Table 1. Figure 4 shows a typical model 750 basework. The model 1500 basework may be similar to the model 3500 (Figures 1 and 2) or of a drop centre style.

2.1 Variant 2

With the Bizerba model MCE-Z digital indicator as described in the documentation of NSC approval No S239.

TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

The results shall not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

TABLE 1

Type: Bizerba model 3500 (Figure 1)

Maximum capacity of basework	(kg)	3000	1500	1200	600	300	150
Maximum number of verification scale intervals		6000	3000	6000	6000	3000	6000
Minimum value of verification scale interval	(kg)	0.5	0.5	0.2	0.1	0.1	0.05

Basework sizes – All capacities may be in baseworks having the following dimensions, except that the 3000 kg version may not be of 1250 x 1000 mm.

1250 x 1000 mm 1500 x 1250 mm 1500 x 1500 mm 2000 x 1500 mm

Type: Bizerba model 1500

Maximum capacity of basework	(kg)	1500	1200	600	300	150
Maximum number of verification scale intervals		3000	6000	6000	6000	3000
Minimum value of verification scale interval	(kg)	0.5	0.2	0.1	0.05	0.05

Basework sizes – All capacities may be in baseworks having the following dimensions, except that the 1200 kg version may not be of 800 x 800 mm.

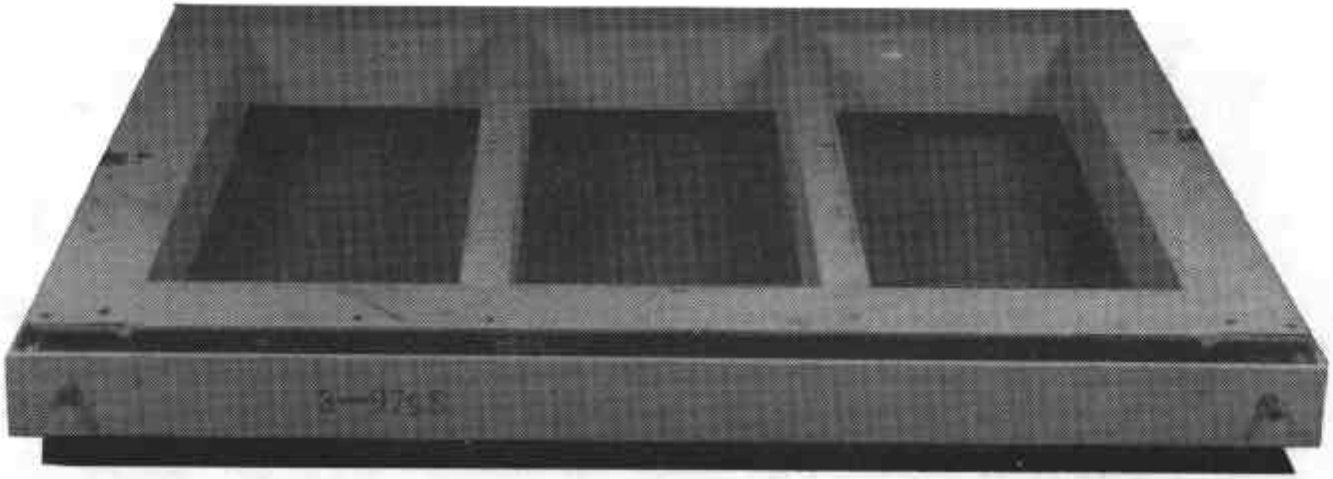
800 x 800 mm 1000 x 1000 mm 1250 x 1000 mm 1500 x 1250 mm

Type: Bizerba model 750 (Figure 4)

Maximum capacity of basework	(kg)	600	300	150	120	60
Maximum number of verification scale intervals		6000	6000	3000	6000	3000
Minimum value of verification scale interval	(kg)	0.1	0.05	0.05	0.02	0.02

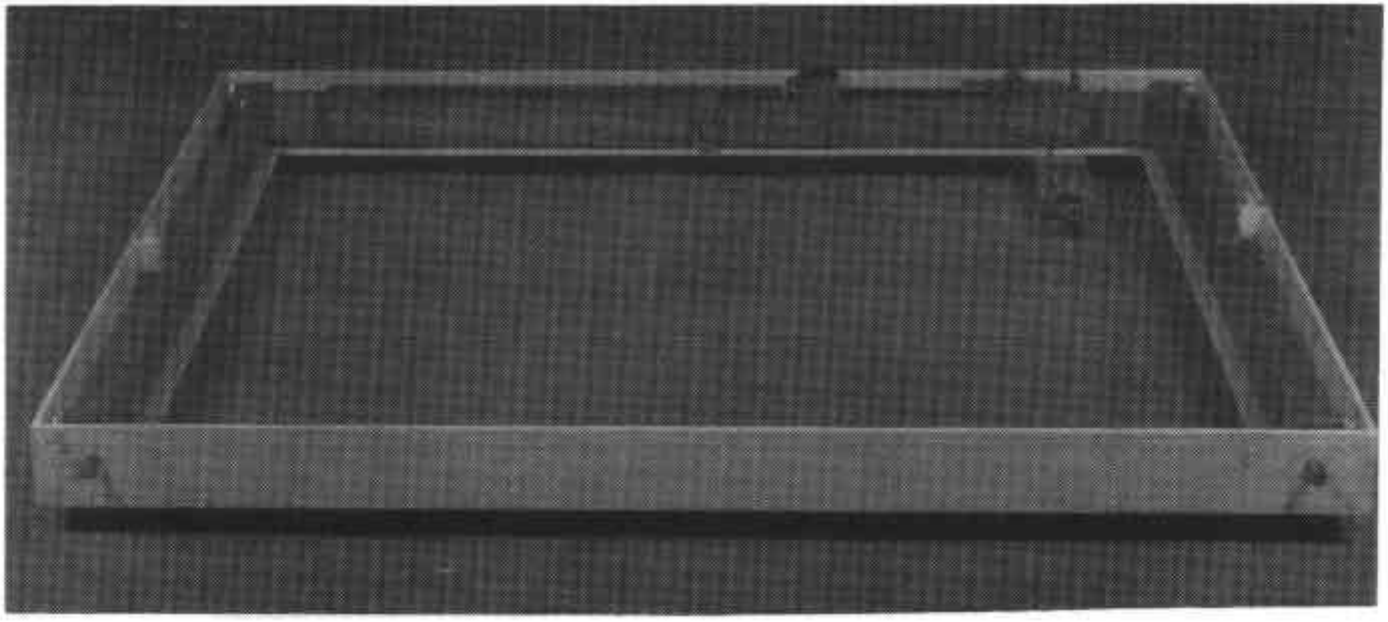
Basework sizes – All capacities shall be in baseworks of 800 x 800 mm only.

Approved Models and Capacities

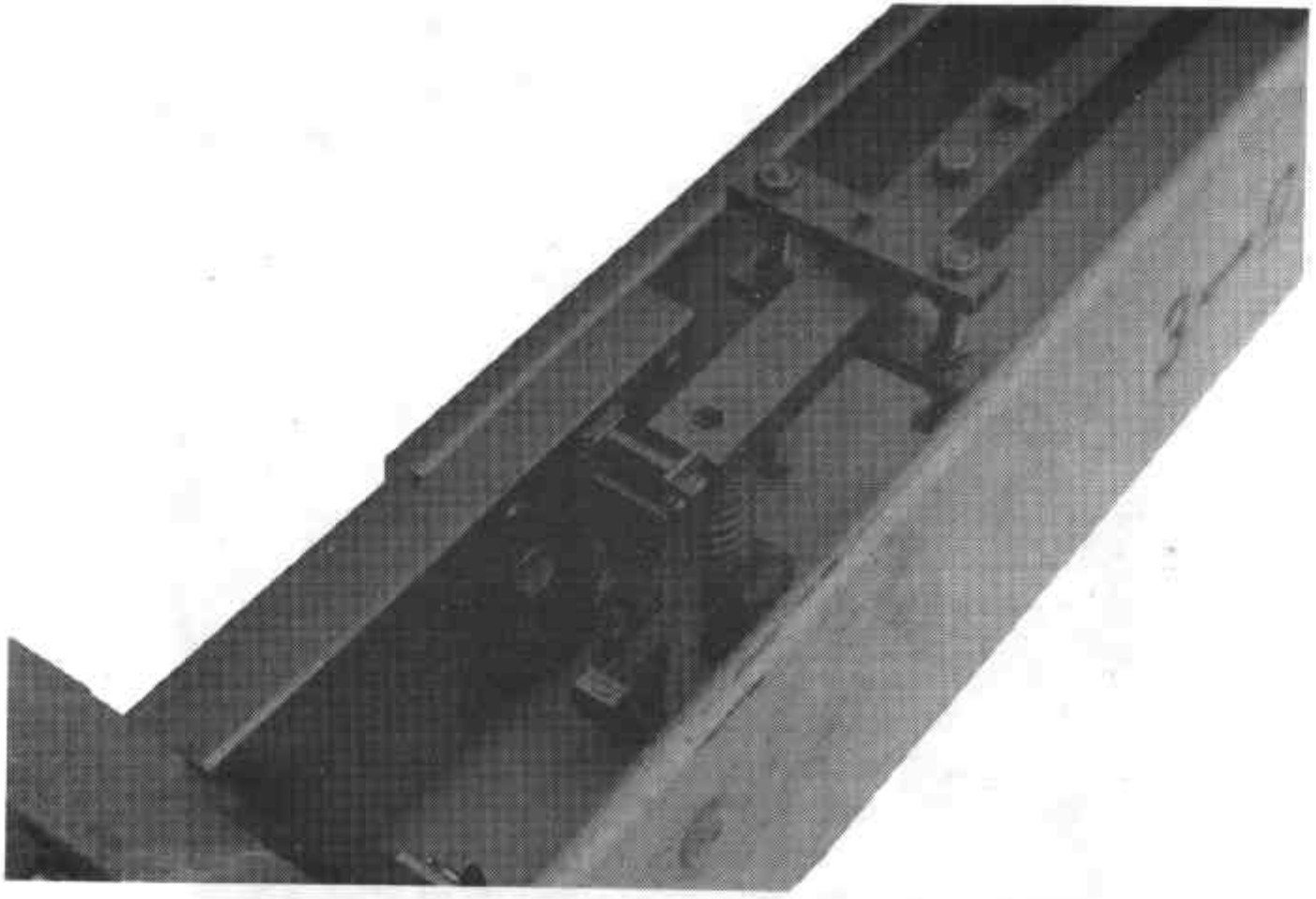


Bizerba Model 3500 Basework

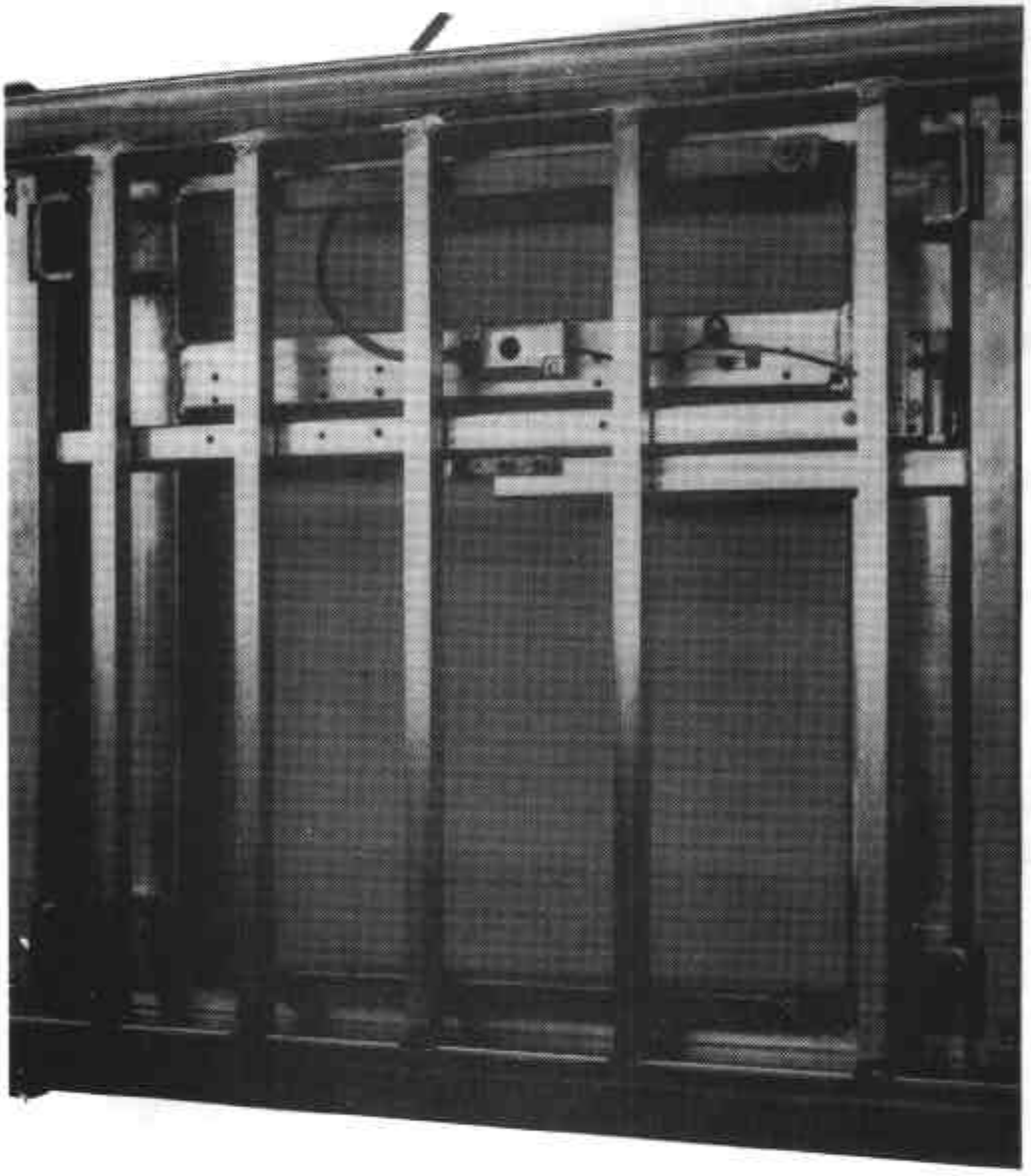
FIGURE 6/9C/216 - 2



Typical 3500 Lever System



Load Cell Mounting



Typical 750 Lever System

FIGURE 6/9C/216 - 4