



FISCHBEIN®

A DURAVANT COMPANY

International Association of Operative Millers 2014

**Cape Town, South Africa
3-6 December 2014**

R. Bontemps

F14/3990

1/10/2014

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Agricultural products: packaging



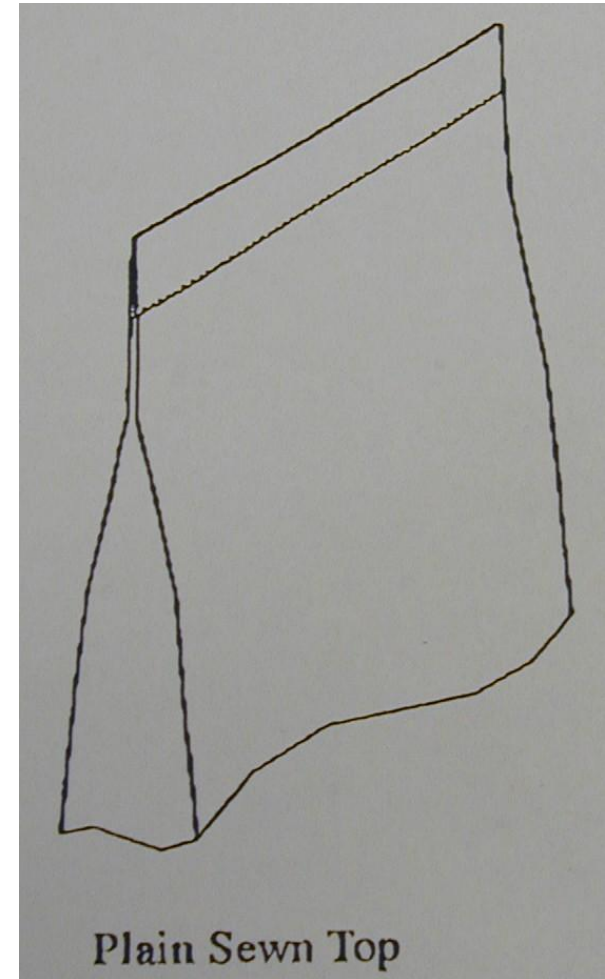
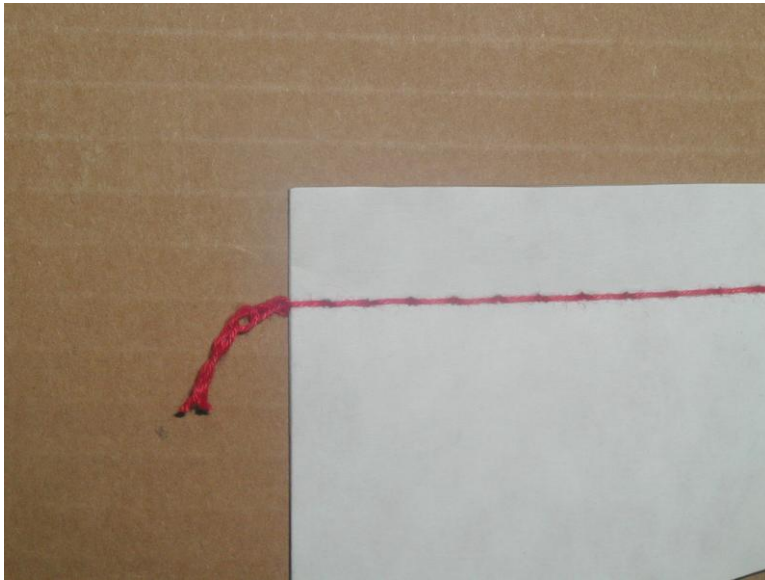


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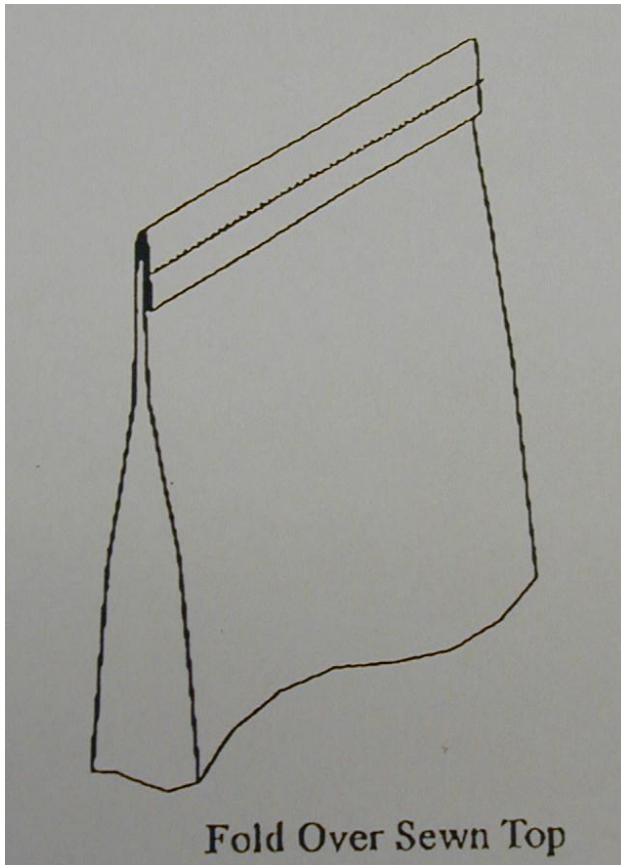
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I. SEWING TECHNIQUES

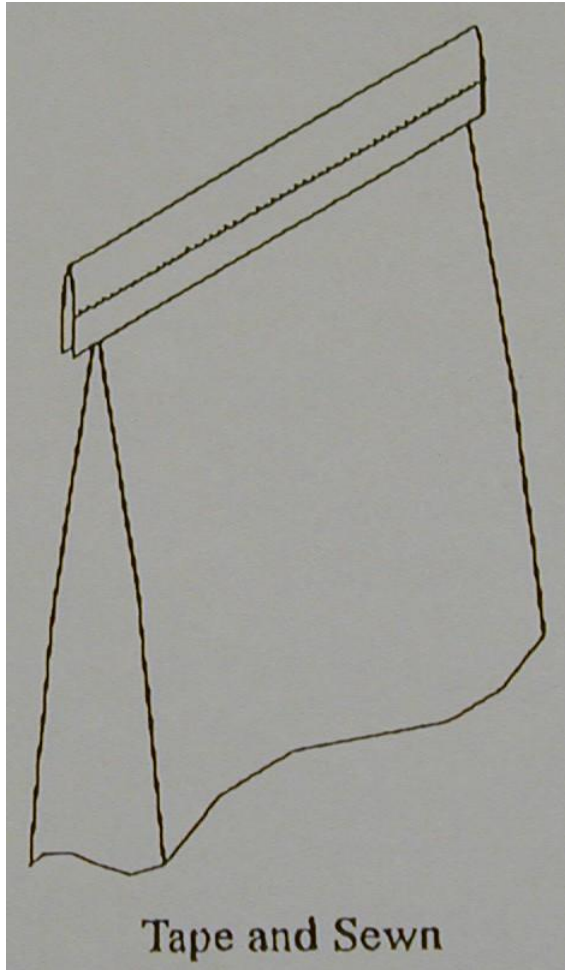
Sewing technique: plain sewn top



Sewing technique: fold over sewn top



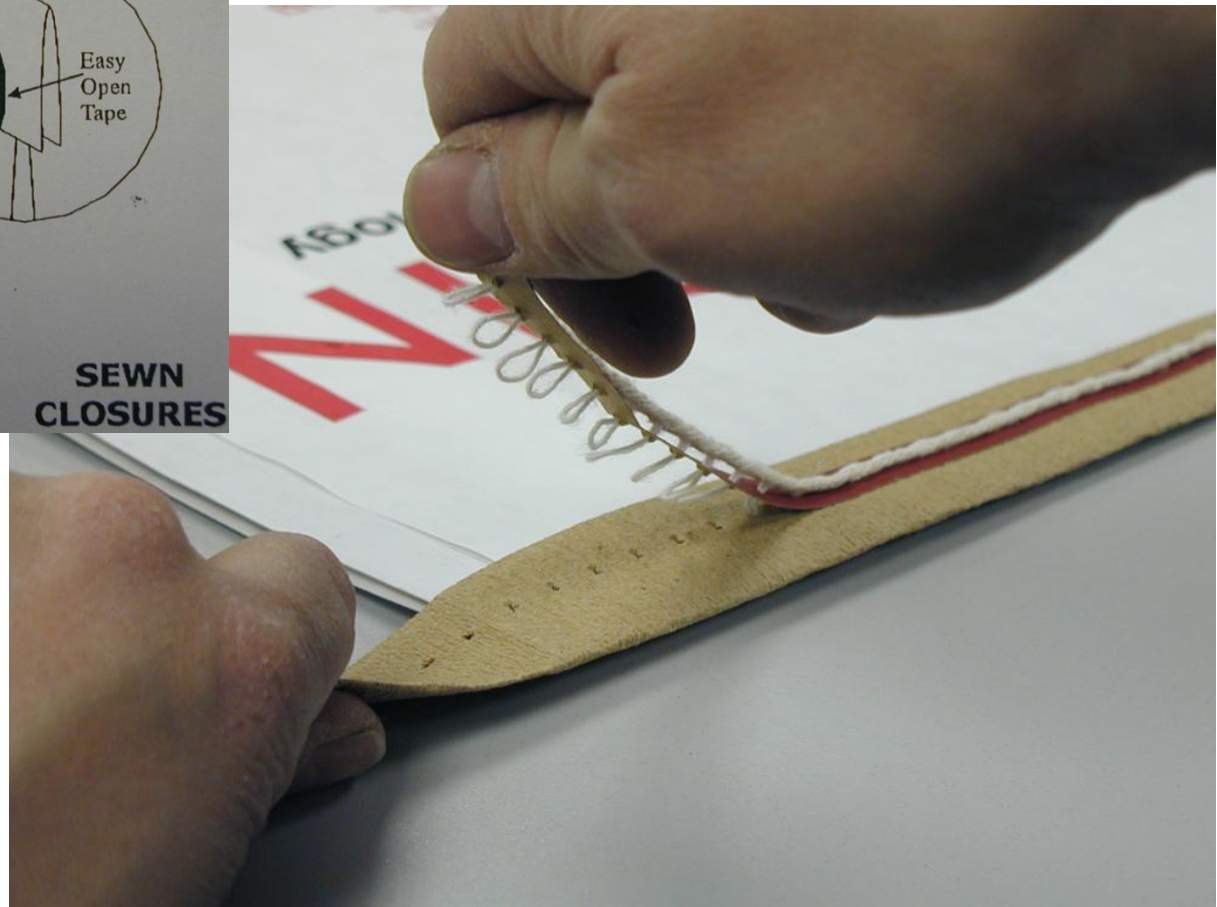
Sewing technique : Sewing with crepe paper



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Sewing technique: easy open tape



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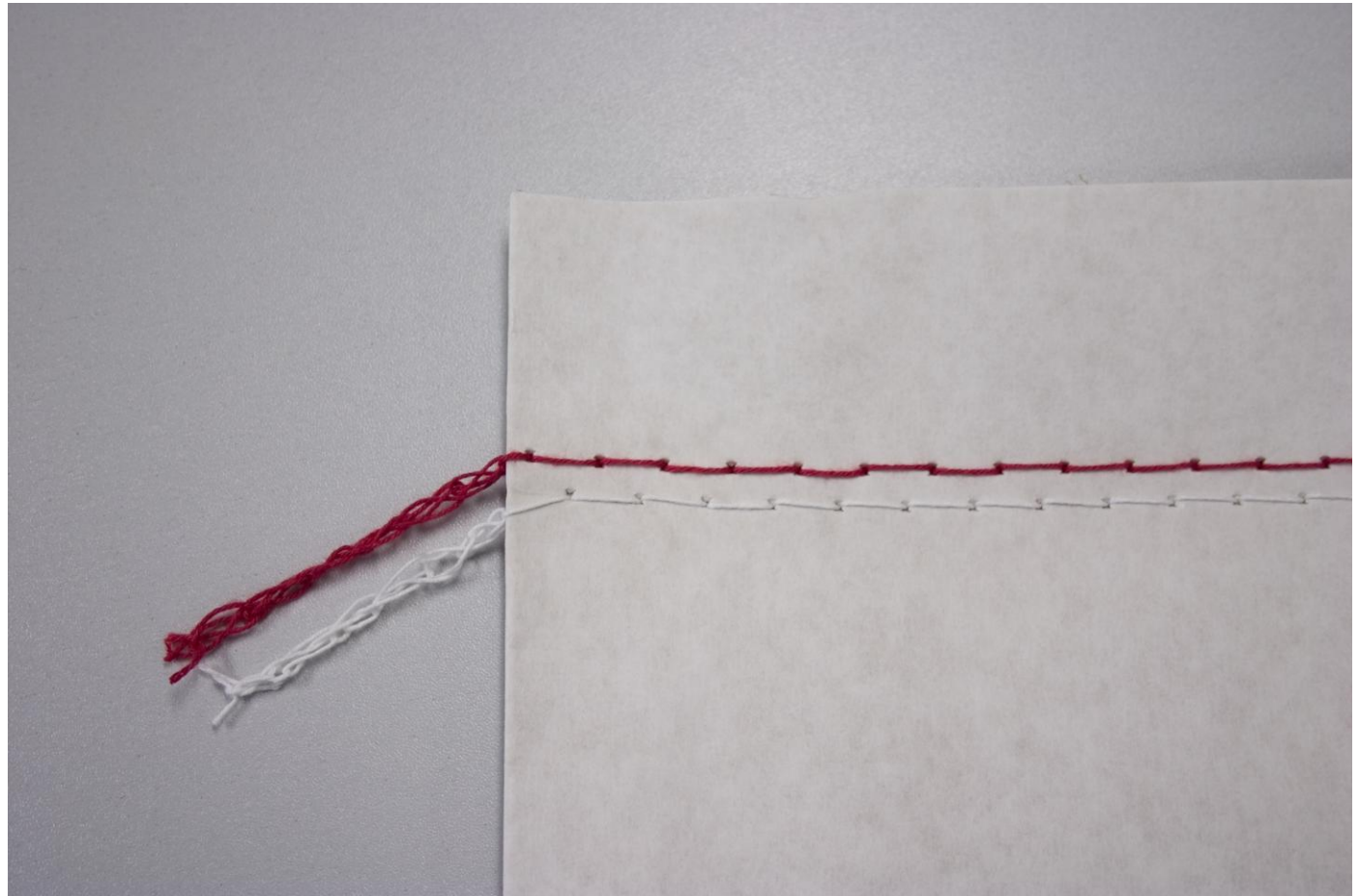
Sewing technique: tape over sewing new!



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Twin Needle Sewing Head New!





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II. MACHINES

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Sewing - manual operation: PORTABLE SEWING MACHINE



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Key element for sewing: the Sewing Head!

KEY CHARACTERISTICS:

- Completely sealed in oil
- Variable speed, adjustable by pulley
- Variable stitch length
- Easy adjustments of thread tension
- A high performance rotary knife

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The Sewing Head





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III. INNOVATIONS

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Tape over sewing : **New!** TOS 3000-SW



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Tape over sealing : **New!** TOS 3000-SL



TOS 3000: Key advantages

- Strong, durable, sift resistant closure
- Prevention of sifting of products or of contamination
- The option « Easy open »
- Easy integration into existing line
- Work with or without a PE inner liner
- A « double closure »
- Compact machine

TOS 3000: Target segments

The TOS 3000 is now “the” reference for the following segments:

- Chemical products
- Milk powder
- Fertilizers
- Milling soon?
- ...

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Sewing technique: twin closure

New!



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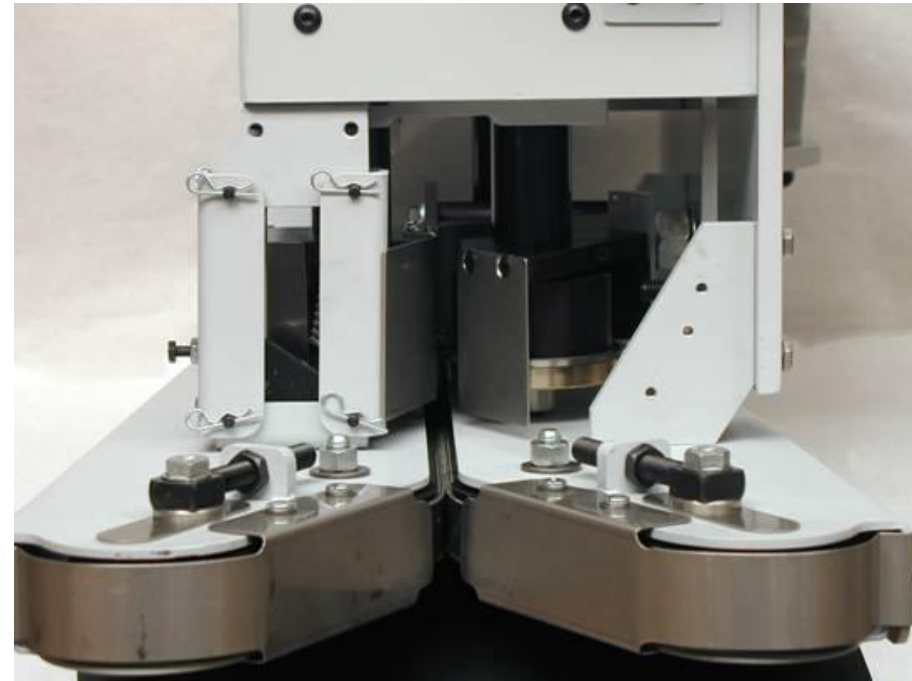
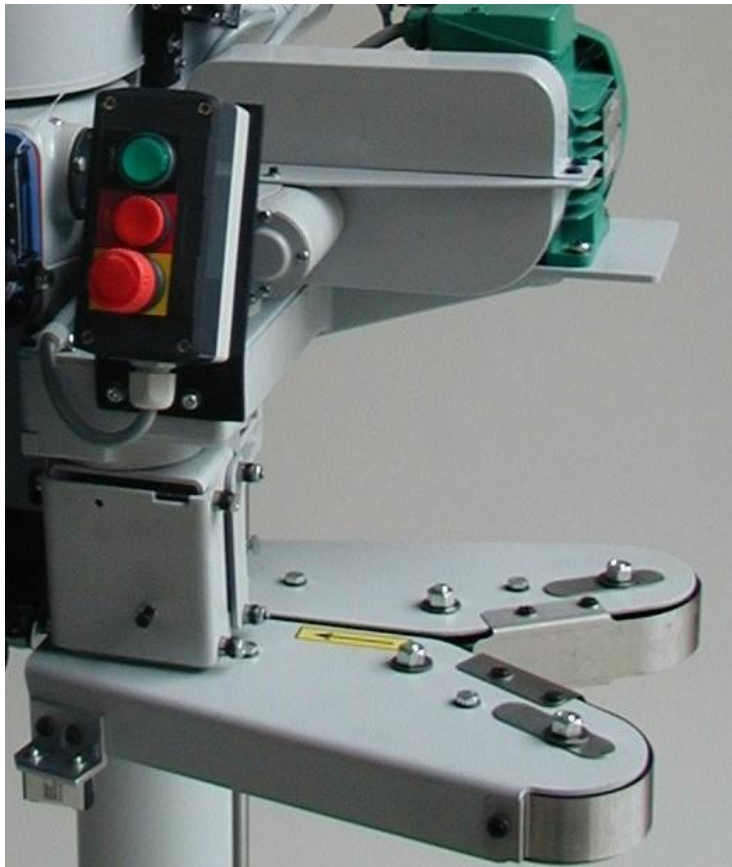
Sewing System with infeed: automatic operation



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Fischbein infeeds



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High speed sewing systems

New!



HIGH SPEED SEWING

THANKS TO:

- New in depth studies of mass movements
- Redesign of some parts
- New metallurgic composition
- Redesign of internal oil flow
- Special sophisticated surface treatments
- High performance rotary knife

Fischbein

- ✓ **SOLUTIONS**

to your specific bag closing requirements from an extensive range of top quality equipment.

- ✓ **DEVELOPMENT**

using the latest proven technology

- ✓ **WORLDWIDE SERVICE**

through a large distributors network

- ✓ **« JUST IN TIME » DELIVERIES**

of spare parts and new machines

- ✓ **QUALITY PRODUCTS**