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## **TECHNICAL BULLETIN 15**

### **BANDERS AND CONSUMABLES**

Dear Technical Friends,

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Here is a bulletin about the bander.

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We have sold quite a number of banders and had almost no call for repairs or spare parts over the last 3 years.

However recently we had a couple of issues of clients claiming the machines would not perform correctly.

#### ***The symptoms that the clients claimed were***

- Erratic feeding.
- Tape spool unravelling and then jamming.
- Tape falling out of the guides during or after feeding.
- Tape spool only able to be half used , then jamming.

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After a lot of checking and detective work we have found the solutions to these and most other issues.

#### **1 ERRATIC FEEDING**

Most of the issues were due to :

- The client lifting the machine by the arch and permanently bending the clamshell guides then the tape will not feed.
- Bending the guides due to ripping out the tape if it jammed then the guides are too open and the tape jumps out.
- Bending the infeed channel due to ripping out the tape , then the channel is not level and the tape hits the fixed blade.
- Using tape that is over 30 mm wide ( normally the correct tape is 29.5 mm wide so it will slide in the guides ).





## **2 TAPE SPOOL UNRAVELLING AND JAMMING**

Most of the issues were due to :

- The jamming of the tape during feeding so the hold back clutch on the spool will not engage and stop the spool from un- spooling.
- The use of a core on the spool that is not the right size to grip the mandrel the correct core size is 30 mm.

*We have seen cores of 25, 40 and 50 mm being placed in the machine.*

*As you can imagine they will not be correctly held on the mandrel and will not feed and stop correctly causing a jam.*

## **3 TAPE FALLING OUT OF THE GUIDES DURING FEEDING**

- The guides have been bent open.
- The tape is not to spec and too thin and collapses during feeding.  
The tape spec is core 30 mm, width 29,5 mm to 29,8 mm, thickness 0,15 mm long grain paper.

*We have seen 0,10 mm tape with no grain at all being used and it just will collapse during feeding.*

*If you manage to get it to feed it will burst on pull back and welding as its too weak.*

## **4 TAPE SPOOL ONLY CAN BE HALF USED**

- This is due to it becoming jammed due to not grip as in point nr 2.

***Please make sure that your sales staff and clients are made aware of this information to save your time and trouble.***

**Dumor Crew**

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