

# TB BOLIVAR PROCESS, S.L.

## **DECLARACIÓN CE DE CONFORMIDAD**

### **Declaration of conformity**

Por la presente declaramos que la:

- **Máquina :** TRIPE WASHER MACHINE
- **Fabricada por:** TB BOLÍVAR PROCESS S.L.
- **En :** Castellar del Valles, Barcelona - España
- **Marca:** TB BOLIVAR
- **Modelo:** P - 505-V Tripe Washer AND Column Loader
- **Placa N°:** 510

- **Máquina :** TRIPE POLISHER MACHINE
- **Fabricada por:** TB BOLÍVAR PROCESS S.L.
- **En :** Castellar del Valles, Barcelona - España
- **Marca:** TB BOLIVAR
- **Modelo:** P - 500 DES- TRIPE POLISHER
- **Placa N°:** 511

Corresponde a las disposiciones siguientes:

- **NORMATIVA DE SEGURIDAD R.D. 1435/92**
- **DIRECTIVA CE SOBRE MAQUINAS (89/392/CEE) y modificaciones 93/44 - 93/68**
- **DIRECTIVA CE SOBRE BAJA TENSION (72/23/CEE) y modificaciones 93/68**
- **NORMATIVAS DE SEGURIDAD DE MAQUINAS UNE/EN 292**

**TB BOLÍVAR PROCESS S.L.**

**firmado,**

## **INSTALLATION**

1. Place the machines on a plain, level surface and use some thick Rubber under the legs to act as a Shock Absorber. It is important to level the machines to the maximum using a leveller on the surface of the sideframe.
2. Connect the machines to the mains Electrical Power after checking the voltage (V), the frequency (Hz) and the power (Kw).
3. Check the **Rotation** of the disc is correct, it is indicated in a plaque at the top of the unloading door. This is **VERY** important for the best results from the machines.
4. We recommend to fix the machines with Pressure Screws to the floor- e.g Rawl Bolts, Rag Bolts or similar.
5. Place the control box in the most suitable distance and height from the machine.

## **OPERATION**

1. We recommend not to fill up the machines more than a 65% in volume. This means about 10 to 12 tripes per load approx. **However, 7 or 8 Tripes may well be best.** This depends on the size of the Tripes and the initial Test Results you achieve.
2. The Temperature of the Water can change from one abattoir to another, that is why we advise to start at about **60C** and increase until finding the best temperature for **your** needs. It may be possible that a good results can be achieved using 60 C to 65 C for 12 minutes or so, with large tripes.
3. After this, there is the possibility of using cold water for about 2 minutes. This needs to be tested on site to see if this is necessary in **EITHER** or both Machines.
4. In both machines, the time that we **NORMALLY** recommend per load is between 8 and 10 minutes.
5. Before using the **Polisher** Machine you should turn the tripes inside out- especially Sheep Tripes. In this machine you **MAY** need to use **lower** temperatures than 65C, depending on the result you want.

## **WHITE TRIPE.**

If you need a Bleached Tripe you will need to put the Tripes into a 35% Concentration of H2O2 for about 30 minutes at say, 40C, and then Wash them thoroughly in **COLD**, clean water. Different operators use different regimes for H2O2 and it is **NOT** possible to be too precise on this issue.

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## SPARE PARTS

VEE BELTS TYPE A - 85	WE RECOMMEND TO TAKE A LOOK EVERY SIX MONTHS AND CHANGE THEM WHEN THEY SLIP
DOOR SEALS # 20 mm	WE RECOMMEND TO CHANGE THEM WHEN THEY START BEING DAMAGED
TOP BEARING: <b>30210</b> CONIC	<b>BOTTOM BEARING: 62210-2RS</b>
<b>GREASE LUBRICANT-</b> KRAFF REF. KL-15405 or similar	WE RECOMMEND TO GREASE THE MACHINE EVERY WEEK, at least.

## MAINTENANCE

1. The machine needs to be Greased once per week using the grease Nipple located under the unloading door in the bedplate. This also applies to the Column Lift.
2. The Junction of the door (Hinge) has to be changed once per year, approximately.
3. A "DRY RUN" should be carried out when work finishes, as this aids cleaning a lot.
4. We recommend to clean the machines with high pressure water + foam, at the end of the working day and occasionally with a Steam Clean- say once per two months.
5. Make sure that the Compressed Air ( 6 Bar) has an efficient Oiler attached and that the oil in this is topped up at least every week or whenever it runs dry. Otherwise the Pneumatic Rams get damaged.
6. We suggest you Spray the OUTSIDE of the Machines, after washing, with Food Grade Paraffin Oil or equivalent to keep the Stainless Steel looking Fresh and New. The more often this is done the better. Every day, is the best ;
7. The Vee Belts need to be checked tensioned and or replaced approximately every six months.