

Original user manual

Leather Side Drum



1. Declaration of Conformity

EU Declaration of Conformity

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Machine: 22 – 0000 Leather Side Drum
Type : 3221 – 220800

Jasopels A/S declares that this product is in accordance with the following EU Directives:

2006/42/EC

2006/95/EC

2006/108/EC

Furthermore, we declare that relevant chapters of the following harmonized standards have been applied:

EN 60204-1

DS/EN 12100 : 2005

DS/EN 14121-1

DS/EN 14121-2

Place and date: Bording, May 10, 2011

Name: CEO Poul Bach



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3. Preface

- This User Manual is an important part of your new machine. Read the manual thoroughly and use it as a reference book.
- This manual contains important information about safety and the correct use of the machine.
- The manual should be stored with the machine. It is important that the user manual is supplied with the machine upon resale and lending.
- The owner of the machine must make sure that the operator, service personnel and others who have access to the machine have been instructed in the correct use and handling of the machine. Refer to this user manual for further information.

4. Symbol explanation

Please read this user manual and follow the included instructions. In order to emphasize certain information, the following expressions are used:



- Note!!

A triangle with an exclamation mark is a symbol that warns you of important instructions or information concerning this machine.



- Danger!!

A triangle with a flash of lightning is a symbol that warns you of "High Voltage".



- Warning!!

A triangle warning you of entanglement and crush hazard.

5. Introduction of the machine

- The leather side drum is placed immediately after the Jasopels Fleshing Machine. The drum is produced in two models so it can be placed in extension of, or at a right angle to the fleshing machine.
- The leather side drum has been built to tumble the leather side of the skins after the fleshing, in the quantity of sawdust that the fleshing machine's sawdust machine meters out automatically.
- By tumbling the skins individually right after the fleshing, the last residues of loose fat are removed in an efficient and time-saving way and the risk for fat damage on the furry side are diminished.
- It is important for the quality of the skins that they are tumbled individually in a continuous flow and do not form lumps.
- The automatics of the Jasopels Fleshing Machine are designed to enable control and monitoring of the leather side drum.
- The machine is simple and easy to operate, but the user's manual ought to be read before the machine is started up.

Note!!

- The user of the machine is to ensure that operator, service personnel, and others who have access to the machine have been instructed in the correct operation and handling of the machine. Refer to this user's manual for further information.
- The machine may only be used for the purpose for which it has been constructed.
- Under no circumstances may faults in the machine or its operation - no matter what they are – be corrected before the machine has been properly switched off, unless a minor correction can be made through the machines operation buttons.
- The user's manual must always be available for the operator.



6. Start-up

- Before start-up the machine has to be placed on a strong, stable base and does not tilt.
- As describe above there are two models of the leather side drum. One is placed in extension of the fleshing machine where the frame screen is inside the drum. The other is placed at a right angle to the fleshing machine, immediately next to the frame screen and has an inlet funnel attached, which moves the scraped skin including the sawdust into the drum.
- The drum is produced with legs that are height-adjustable. The legs in the back with wheels attached have two positions. The front supporting legs can be adjusted in two heights as well, and the drum's slope can be adjusted on the adjustable machine feet.

DANGER!

To avoid crushing hazard it is not allowed to crawl under or put a hand into the machine, while it is on.



- The leather side drum can be set to a very slight slope, about 2 cm, at the net end. You have reached the optimal setting when the skins are tumbled right after each other but never lump together.
- In the factory the machine has been assembled with a 5-poled 16 A CEE plug on the power supply cable, which is connected to an external socket on the fleshing machine or another socket with 3x400V+PE.
- In order to minimise the risk of crushing at the supporting wheels the drum's rotational direction has to be to the right, seen from the net end's side. If the drum unexpectedly should run the other way the rotational direction has to be changed.



DANGER!

Switch off the power supply before starting on any maintenance, cleaning or other service on the machine.



- The rotational direction is changed by reversing two phases on the motor protector figure 1.4.

7. Operation

- The drum is started and stopped on the manually operated motor starter that is placed on top of the drum's frame structure in front of the gear motor.
- If the leather side drum is connected to a Jasopels Fleshing Machine the automatics can control and monitor the drum. However, make sure that the motor starter is switched on before beginning the fleshing.
- If the machine is connected to another device, it must be equipped with a circuit breaker.

8. Maintenance

DANGER!

Always switch off the power supply before starting on any maintenance, cleaning or other service on the machine.



- If the fleshing machine meters out too little sawdust, or the sawdust has been re-used too many times there can be a fat residue inside the drum.
- In order to get the best results from the drum the sawdust has to be able to glide freely around the drum. If it is greasy inside it has to be cleaned immediately.
- As mentioned above a low dosage of sawdust can be due to the re-use of too much sawdust or – if sawdust of poor quality is used – reduced suction capability. There can also be lumps of sawdust or skin residue in the sawdust machine, which therefore is incapable of metering out the right dosage.
- It is recommended to conduct a safety check once a year by one of the manufacturer's installers in order to inspect the machine and, at the same time, counter the cessation of activity which can result from a wrong setting or other damages connected with storage or relocation between spring and autumn pelting seasons.
- This will typically take place shortly before a season starts.

9. Technical data

- Power connection 5 poled CEE plug 3 x 400 V + PE
- Power consumption 0,65 A
- Measurements

Height	125 cm
Length	195 cm
Width	80 cm

The measurement of noise level has not been conducted for this machine.

It is estimated that the machine does not emit more noise than it is permitted, as you can lead a normal conversation in the direct proximity of the machine.

10. Spare part list

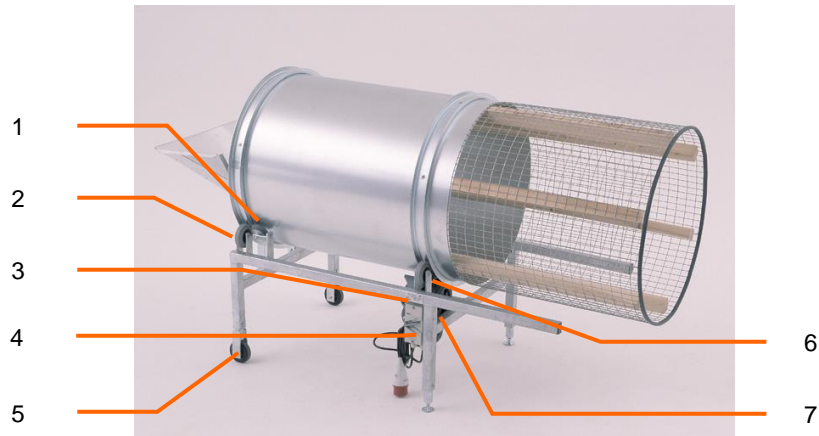


Fig 1. Leather side drum

Fig. nr	Item no	Name
1.1	5150-00226075	Steering wheel \varnothing 75
1.2	5280-0304255	UFP wheel 100 * 34 with spherical bearing
1.3	5935-13401914018	Worm gear
1.4	5925-24021300	B&J motor starter box IP55
1.4	5925-24021020	B&J manual motor starter
1.5	5150-00226100	Driving wheel \varnothing 100 with bearing
1.6	5280-0304255	UFP wheel 100 * 34 with spherical bearing
1.7	5931-10037414	EL engine

11. Troubleshooting

Here we describe how a few known errors or problems with the drum can be solved by the operator. If the operator cannot correct an error that has appeared, it is recommended to contact Jasopels' Service Department for further assistance.

DANGER!

Disconnect compressed air and power supply before maintenance, cleaning or other services are performed on the machine.



11.1 The drum cannot rotate completely

If the driving wheel gets worn over time it can no longer reach the stabilizing ring it pulls.

- On the motor bracket there is mounted an adjustment screw, which can be readjusted so the driving wheel comes closer to the drum.

11.2 The drum runs poorly or stops when it is loaded.

After a longer period of operation the stabilizing ring that the driving wheel rotates in can become so smooth that the driving wheel slides on the ring.

- In many cases this problem can be solved by dulling the surface of the stabilizing ring, possibly with the grinding wheel of an angle grinder.

12. User's notes