

HERMES

Accessories for Pigeons

INSTRUCTION CONVEYOR BELT SYSTEM



1



Unroll the droppings belts and feed them up to the other end of the box through the slots in the side panels.



2

Feed the return shaft complete with the screwed-in screws through the droppings belt up to and into the rear bearing plate. Important: The connecting joints of the shafts must always point outwards.



3

Unscrew the hexagonal nut. Tip: The shaft can easily be levered slightly forward using a hammer handle.

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4

Then fit the second bearing plate on the front and secure it with two hexagonal nuts. Then push the shaft forward again with a hammer handle and unscrew the hexagonal nuts on the tensioning screw.



5

Now the belts are tensioned. This takes place firstly on the return side. Important: Not there where the motor is! The belts on the return side are tensioned so far until they begin to run slowly when the motor is switched on.



6

Remove the chain guard on the drive side. Then the belts are set here, too. Tip: If the adjusting screw is turned clockwise (tensioning), then the belt runs to the opposite side. If the adjusting screw is turned counter-clockwise (releasing), then the belt runs to this side. The belts must be so set that they have approx. 10 cm clearance from the bearing plates.

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7

Screw on the mounting for the scraper blades (droppings blades). The white distance ring ensures that there is still clearance behind the droppings blade so that the dust and dirt cannot collect behind the scraper blade.



8

Fit the scraper blade and firmly screw it on.



9

Refit the chain guard and securely tighten the 6 mm nut with washer with a socket wrench.

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10

Fit the panel for the return side to the bearing plates.



11

Put in the droppings box.

Attention: Please pay attention to the following instructions!

Tension of the conveyor belt.

First the belts should be tightened only on the opposite side of the drive, so that actually the conveyor belts start to run when the motor is switched on. After that the conveyor belts should be adjusted on both side of the shelf.

Please ensure that the conveyor belt does not run lateral. At both the drive and also the return end.

Adjusting of the conveyor belts.

If the conveyor belt is running too much to one side, on this side the clamping screw must be tightened a little. Or the opposite clamping screw has to untighten a little. Please notice that on both, the motorised and the rewind side. The belt should run for at least 5 minutes after every adjusting of the screws as the conveyor belt does not react very quickly.

The durability of the belts only depends on the pigeon fancier behaviour. He should urgently pay attention not to start the belts from the side!

The tension of the conveyor belts is all right, if you are only just able to keep a firm hold on the belts when pressing them together with 2 fingers. If a belt does not run, it may stick together because of the excrements. In this case please hit the belt from underneath. If it still does not work, both clamping screws should be tightened. (at the rewind side) If the belts stick together because of moistness, a strip of wood should be placed between the conveyor belts (overnight) for they can dry up carefully.

Remove excrements from the metal scrapers daily, so and at least once a week the scrapers of the shelf should be removed a little and should be cleaned. This happens by means of the hook and the strip of wood for wiping off the excrements. Once a month the scrapers should be take off completely for carefully cleaning in water. At the same time the remaining excrements underneath the belt on the motor side wall have to be taken away.

The chain should be oiled twice a year!

On disinfection please make sure that no moistness comes between the belts as otherwise they may stick together and will not run anymore.

On safety precaution the motor should only switch on when the door is closed!

The switch for switching on the motor must be set so that the pigeons cannot touch it! Otherwise, the system could run in continuous operation!

ADJUSTING OF THE BELTS:

If the belt is running too much to the left direction, the clamping screw on the left side must tightened a little. If the belt is running too much to the right side direction, the left clamping screw must be untightening a little.

This is the same for the rewind side from the unit too.

