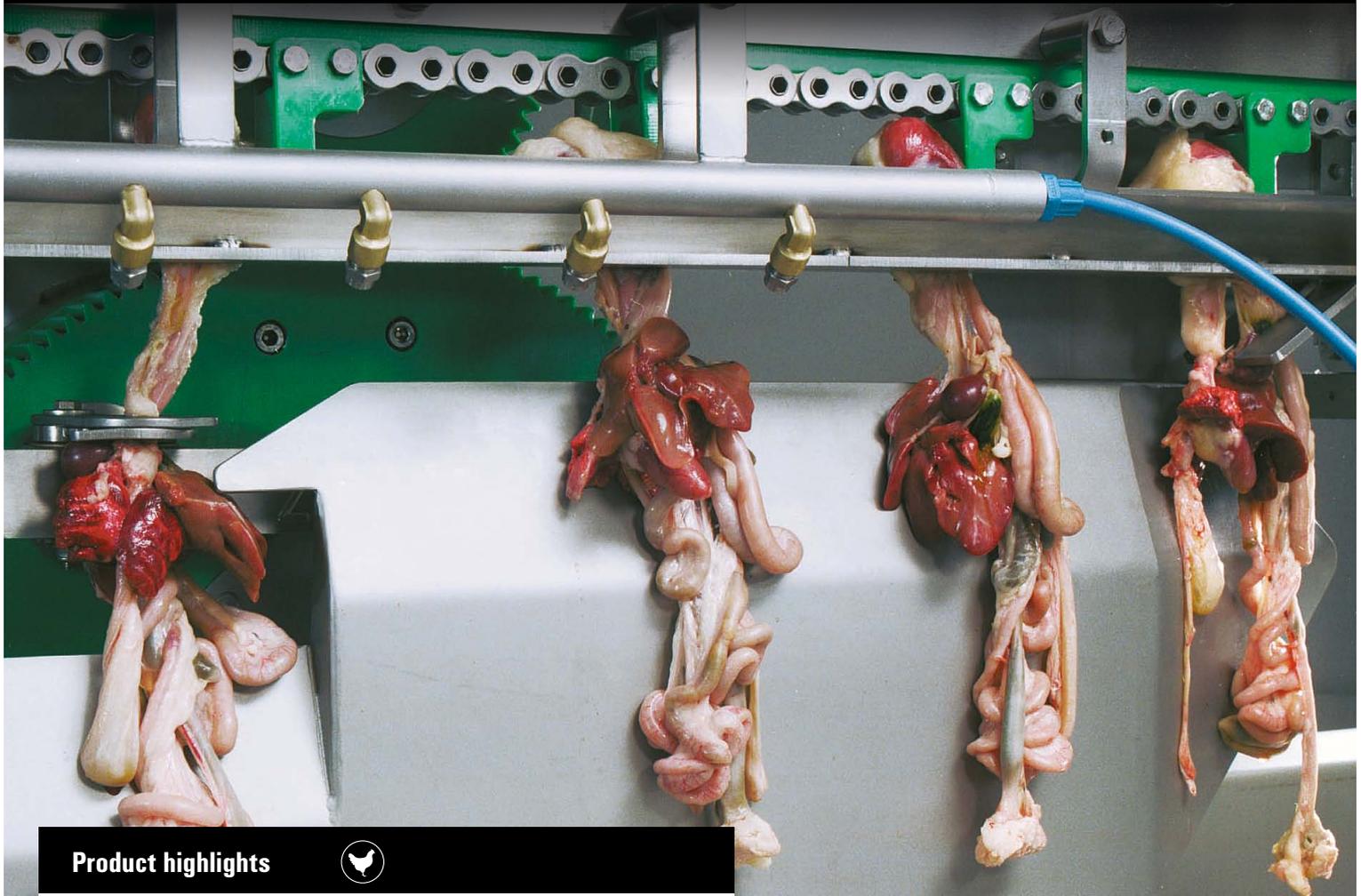




MEYN MAGS AUTOMATIC GIBLET HARVESTING SOLUTION

LIVE BIRD HANDLING | SLAUGHTERING | **EVIScerATION** | CHILLING | CUT UP | DEBONING | WEIGHING - GRADING - LOGISTICS



Product highlights



Flexible configuration making optimum use of (limited) floor space

Modular set-up to balance capacity and investment

Reliable and constant performance

Optimum end product presentation

Maximum labor savings





Mags automatic giblet harvesting solution

An essential part of Meyn's evisceration program is giblet harvesting. Meyn can supply a complete range of giblet harvesting solutions, from manual to fully automatic, suitable for different applications and every market requirement.

Starting with the Meyn Maestro, the unrivaled eviscerator in the market, over 99.5% packs are available for harvesting. With an optimum product presentation, the packs are transported to the new Mags automatic giblet harvesting system. The intestines and gall are automatically removed from the liver and all edible organs (livers, hearts and gizzard) are separated.

The Meyn Mags automatic giblet harvesting system is a modular and expandable system to balance the initial equipment investment with the required capacity and with possibilities to increase capacity when needed in the future. The harvesting modules with a maximum capacity of 6,000 packs per hour each, can be installed in any place along the pan conveyor after carcass inspection. The system is very flexible regarding layout and can be oriented perpendicular or parallel to as well as on either side of the pan conveyor. The modules are constructed according to the highest safety and hygienic standards.



Operation

A discharge unit is mounted on the pan conveyor to transfer the required amount of packs to the harvesting module. The packs are transferred from the pan conveyor to a flexible indexing belt that singularized the packs and transports them to the harvesting module. The packs fall onto a set of synthetic rollers where the heart, liver and intestines are pulled down and transported while the packs are suspended by the gizzards. At the end of the rollers, a transportation chain takes the gizzard from the rollers and moves it over the transport rail along the process stations. In the first step, the intestines are pulled from the gizzard. In the second step, the gizzard is stripped off the pack, leaving the pre-stomach attached for optimum gizzard processing. In the same motion, the heart is pulled away from the liver and transported to a lung separator unit. Finally, the liver is transported to the intestines and gall separation unit. The livers and hearts from all the modules are discharged onto a common belt. The hearts are transferred to a final heart and lung separation for optimum presentation and the livers are tumble washed and discharged onto a sorting belt or into a transport pump (depending on end product specifications). The gizzards are discharged directly into the gizzard harvester and then the peeled gizzards from all modules are collected and transported to an inspection belt.

As a result of its high separation performance and optimum product presentation, only one operator per module is needed to sort edible livers with the highest quality.

m The complete solution includes:

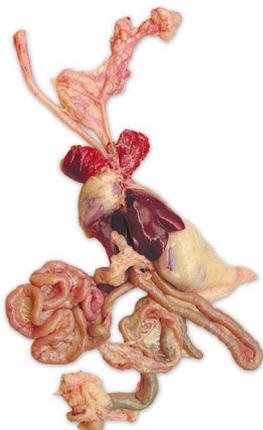
- Pan conveyor trays for automatic harvesting
- Per module a controlled infeed from the pan conveyor
- The harvesting modules and hydraulic pack
- Edible organs transport belt
- Heart and lung separator
- Liver washer
- Liver sorting belt

The maximum speed for a single unit is 6,000 birds per hour, therefore a typical line running 12,000 birds per hour will require two modules.



m Product in and out

Product in

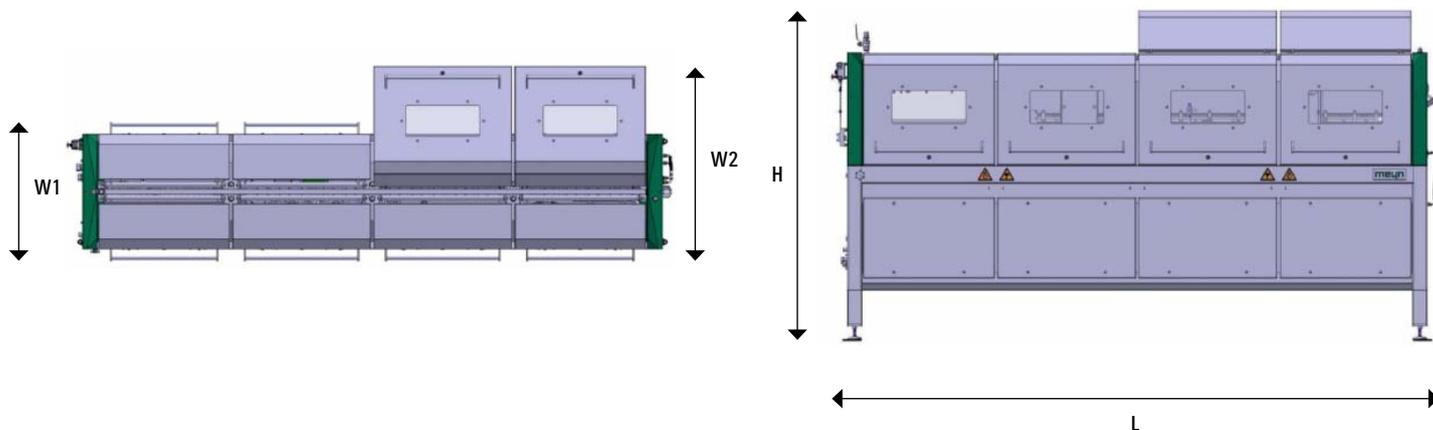


Product out





Mags automatic giblet harvesting solution



Capacity	BPH	6,000
Length (L)	mm	4,000
Width (W1)	mm	800
Width (W2)	mm	870
Height (H)	mm	2,000
Weight	kg	1,450
Water connection	BSP	1" (low pressure)
Water connection	BSP	3/4" (low pressure)
Water connection	BSP	3/4" (high pressure)
Water consumption	m ³ /h	2.7

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