

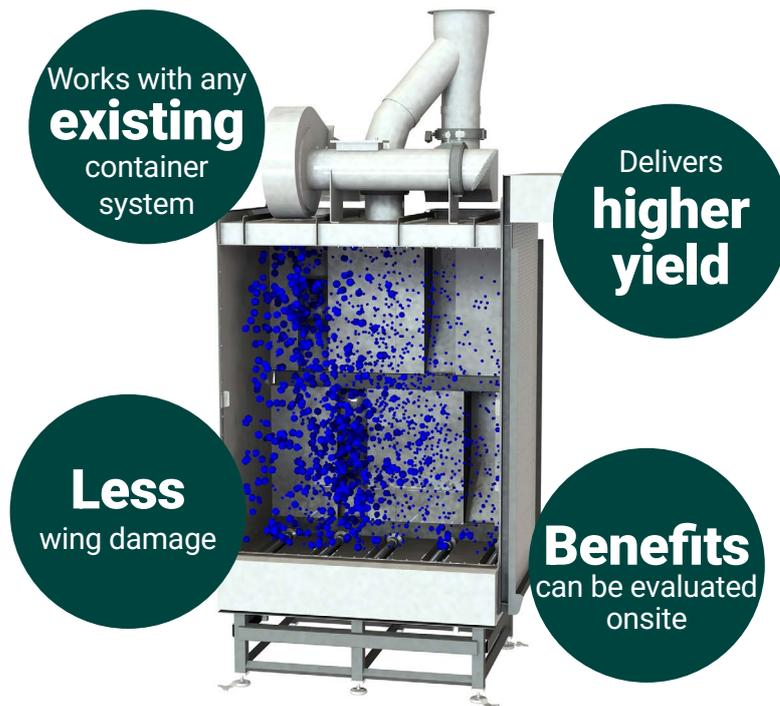


MULTISTAGE CO₂ STUNNING SYSTEM

Precision Stunning for better **meat quality and animal welfare**

- ✓ Eliminates live bird handling at the plant
- ✓ Offers unrivaled reduction in wing damage
- ✓ Suitable for most arrival systems and capacities

MEYN[®]



Easily integrated with new and existing configurations

The Multistage CO₂ stunning system is designed for effortless integration with all major live bird handling systems. It supports a wide range of container and drawer module types from leading brands, ensuring flexibility no matter your current setup. Whether you're expanding an existing line or building a new facility, the system adapts to your production flow without disruption – making it a future-ready solution for any processing plant.

Experience the benefits on-site

To help you make an informed decision, Meyn offers a portable Multistage CO₂ stunner that we can bring to your facility. This allows you to assess the impact on animal welfare, meat quality, and line integration – right in your own process.

Get in touch to schedule an on-site trial and explore the benefits of switching to CO₂ stunning.



No Manual Handling Required

Meyn's Multistage CO₂ stunning system prioritizes animal welfare at every stage. Birds remain in the drawer throughout the stunning process, reducing stress and eliminating the need for manual handling. The closed cabinet construction allows for CO₂ concentration to be managed precisely at every stage of the process, resulting in improved animal welfare and greatly enhanced end product quality.

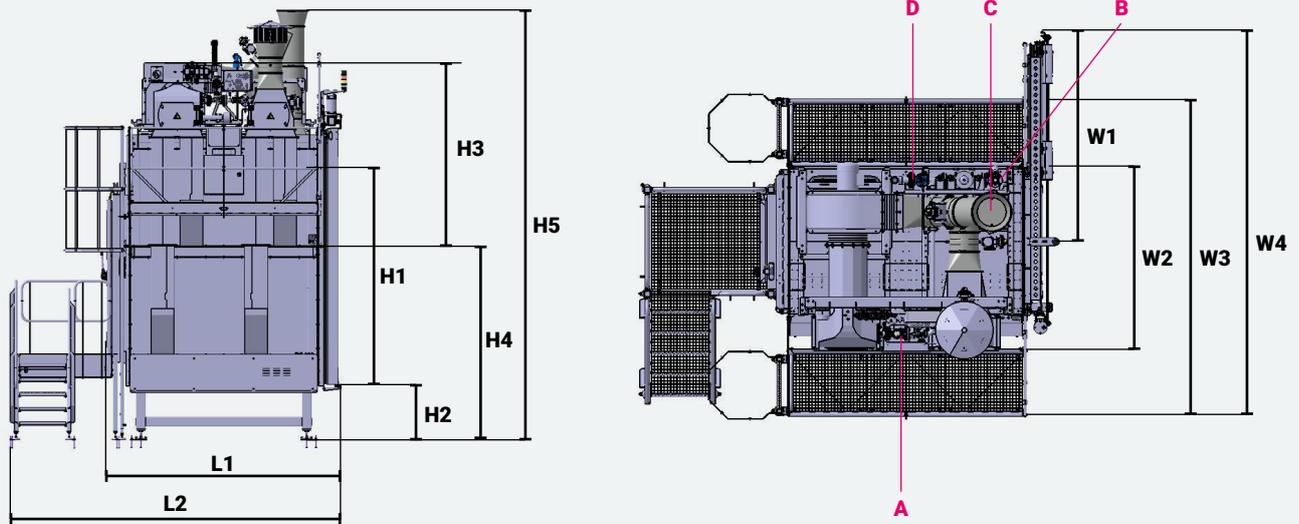
Once inside the cabinet, birds are stunned with a CO₂ stun. Next, containers automatically move to the next processing phase while containers are emptied, cleaned and reloaded onto transport trucks.

Meyn Multistage CO₂ stunning system

Delivering A-Grade Results, Every Time

Research demonstrates Meyn's Multi-stage CO₂ stunning system delivers higher yield due to lower trimming losses, resulting in less B-grade cuts versus conventional EU water bath stunning. Meyn offers the highest quality of breast fillet, thighs and wings with less blood spots.

Multistage CO₂ stunning system



Specifications

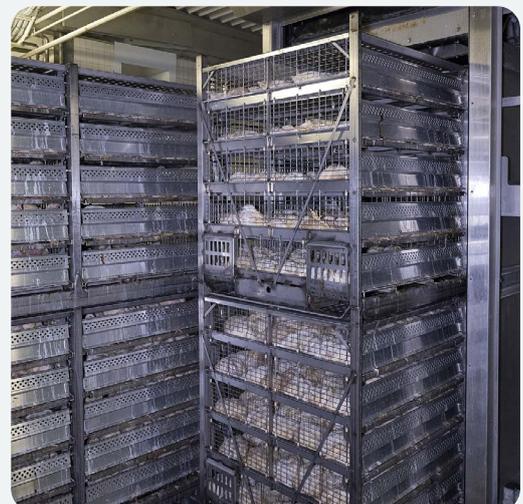
Container length indication *	1 container max 2450 mm		2 containers 2 x 1400 mm max	
Length for transportation (L1)	2650 mm		3150 mm	
Total length (L2)	4300 mm		4800 mm	

Container height indication *	(Most 4L)	(Most 4L + 4L)	(Most 4L + 5L)	(Most 5L + 5L)
Container (stack) height (H1)	1525 mm	2735 mm	2995 mm	3255 mm
Container transport height (H2)	1000 mm	1000 mm	1000 mm	1000 mm
Height for transportation of lower part (H3)	2097 mm	2460 mm	2460 mm	3092 mm
Height for transportation of upper part (H4)	1331 mm	2281 mm	2541 mm	2751 mm
Total height (H5)	4162 mm	5373 mm	5633 mm	5841 mm
Weight	3100 kg	3400 kg	3500 kg	3600 kg

Cabin centre to end of slide door left or right (W1)	2213 mm
Width for transportation (W2)	2060 mm
Width with maintenance platforms (W3)	3320 mm
Total width (W4)	4050 mm

* This is an indication. Container sizes can deviate per type and brand. The multistage CO₂ stunner dimensions can be customized on request.

Electric power installed (drive transportrollers)	0.75	kW
Electric power installed (fan)	4	kW
Electric power installed (cabin lighting)	0.072	kW
Electric power installed (analyzer)	0.11	kW
Electric power installed (automated door)	1	kW
Compressed air connection hose diameter (A)	1/4"	BSP
Compressed air consumption at 5bar average	0.6	nm ³ /hr
Compressed air consumption at 5bar maximum	250	nl/min
CO ₂ connection (B)	1.1/2"	BSP
CO ₂ supply pressure	15-25	bar
CO ₂ consumption during injection per unit	0.5	kg/s
CO ₂ supply temperature	30	°C
Exhaust duct diameter (C)	400	mm
Safety valve discharge hose (D)	60x4	mm



Discover how a Multistage CO₂ stunner can benefit your operation – our portable demo unit brings the evaluation to you.



What's your **next move?**

Meyn® Consultancy & Audits

- Enhance your operational efficiency
- Expand your production capabilities
- Identify new market opportunities

Meyn® Academy

- Safeguard investments and enhance profitability
- Specific system and machine training
- Customer specific training options

Meyn® demo's

- Products, services and insights
- Tailormade demo's based on your needs
- Available online in multiple languages

Secure **business continuity**

Meyn Services provides comprehensive support to optimize the performance and reliability of Meyn equipment.

With a strong emphasis on global reach and local presence, Meyn offers various services to ensure customer satisfaction and operational efficiency.

Technical Support

- ✓ Global assistance
- ✓ Corrective and preventive services
- ✓ 24/7 Helpdesk

Maintenance

- ✓ Tailored maintenance
- ✓ Updates and inspections
- ✓ Machine maintenance

Parts

- ✓ OEM replacement parts
- ✓ Always available
- ✓ eProcurement portal



Visit meyn.com

Birds prefer **MEYN**®

**Meyn Food Processing
Technology B.V.**

P.O. Box 16, 1510 AA Oostzaan
The Netherlands
Phone: +31 (0)20 2045 000
Email: sales@meyn.com

Meyn Americas

1000 Evenflo Drive,
Ball Ground, Georgia 30107, USA
Toll Free: 1 888 881 MEYN (6396)
Email: sales.usa@meyn.com

**Find your nearest Meyn
representative:**

www.meyn.com/meyn-worldwide

The data published, under reservation of all our rights, is to the most recent information at the moment of publication and subject to future modifications. Meyn reserves the right to modify the construction and the execution of its products at any time. No rights can be derived from this publication.

meyn.com