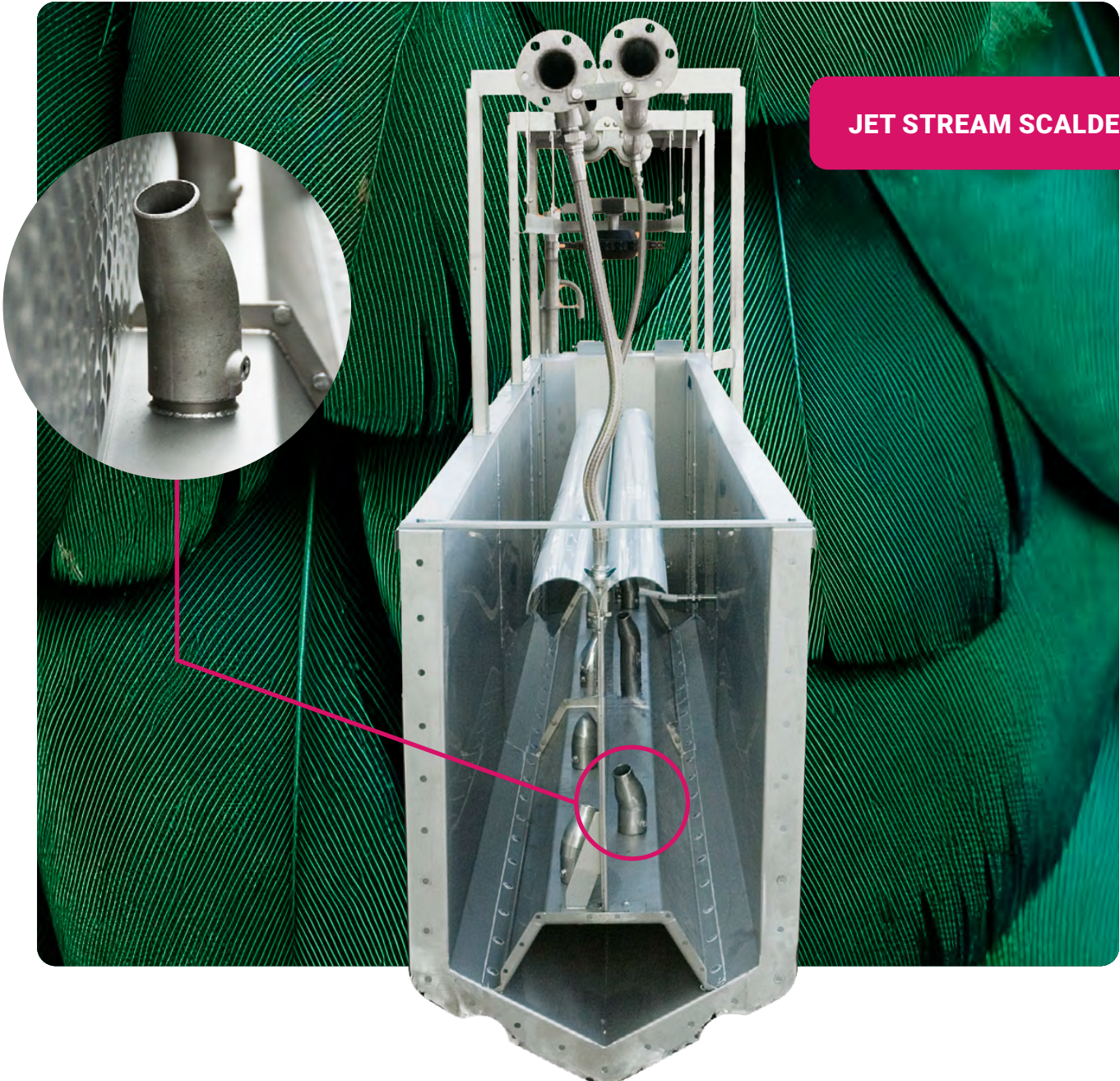


The image features a large, complex industrial machine, identified as a 'JET STREAM SCALDER'. It has a long, rectangular body with a transparent section revealing internal components, including a large horizontal pipe and various smaller pipes and nozzles. A circular inset in the upper left corner provides a close-up view of a pipe being scalded, showing a dark, possibly scaled, surface. The machine is set against a background of green, textured fabric. A pink banner in the top right corner contains the text 'JET STREAM SCALDER'.

JET STREAM SCALDER

Optimized energy usage **to help cut costs**

- ✓ Optimized scalding performance
- ✓ Temperature control to within half a degree
- ✓ Maximum energy and water savings

meyn®



Maximum
savings

Ultra-precise
temperature
control

Hygienic
construction

The revolutionary Jet Stream Scalding

Top quality products, **highest possible yields**

The Jet Stream Scalding uses advanced scalding technology to deliver high-quality defeathered products with optimized yields. Its design reduces energy consumption, minimizes water use, and lowers maintenance requirements and overall operating costs.

Scalding in a warm-water bath loosens feathers in the follicles before mechanical plucking. The bath also helps clean the skin and feathers.

Historically, many systems used air injection for agitation. However, the resulting upflow air-water mixture can be energy-inefficient because heated air escapes from the bath. In addition, blower-based systems require regular maintenance and may not keep birds consistently submerged, reducing heat transfer to the feather follicles.

A novel airless water flow system

The Jet Stream Scalding line uses an innovative airless water-flow system that draws birds down and forward through the scalding bath. Key advantages include:

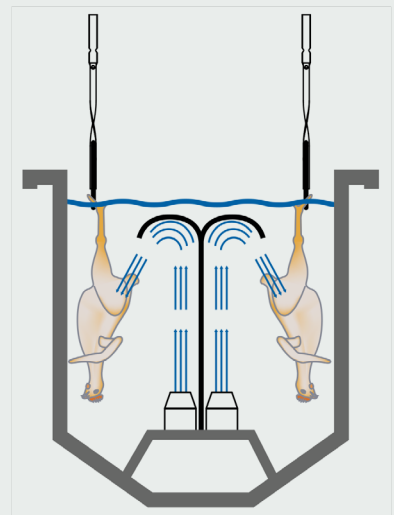
- ✓ High water column turbulence – opens the feathering to reach the follicles and maximizes heat transfer across the skin.
- ✓ High downflow turbulence – creates a strong rinsing action and reduces organic carryover that can interfere with plucking.
- ✓ Water-only system – eliminates thermal energy losses associated with air injection while maintaining effective water movement.
- ✓ Open environment without canopies - makes the process visible and very easy to clean.

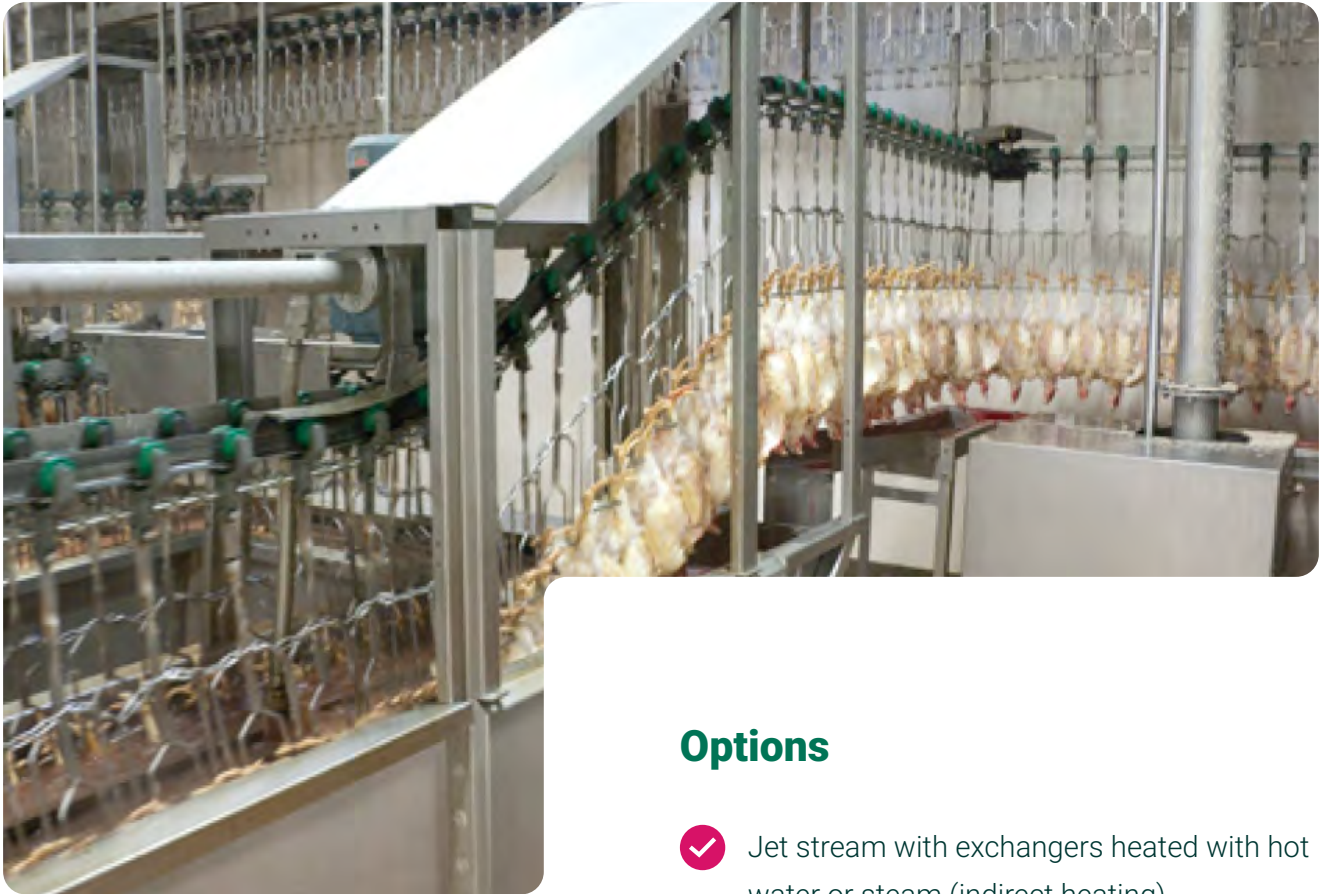
Operation

The Jet Stream Scalding uses a continuous flow of warm water to maintain full submersion during the airless process. A propeller pump drives water through an injection tube into the scalding bath. A deflector plate directs the flow to support optimal circulation and full immersion.

Birds hang vertically on shackles during scalding, and high-velocity water flows across the skin.

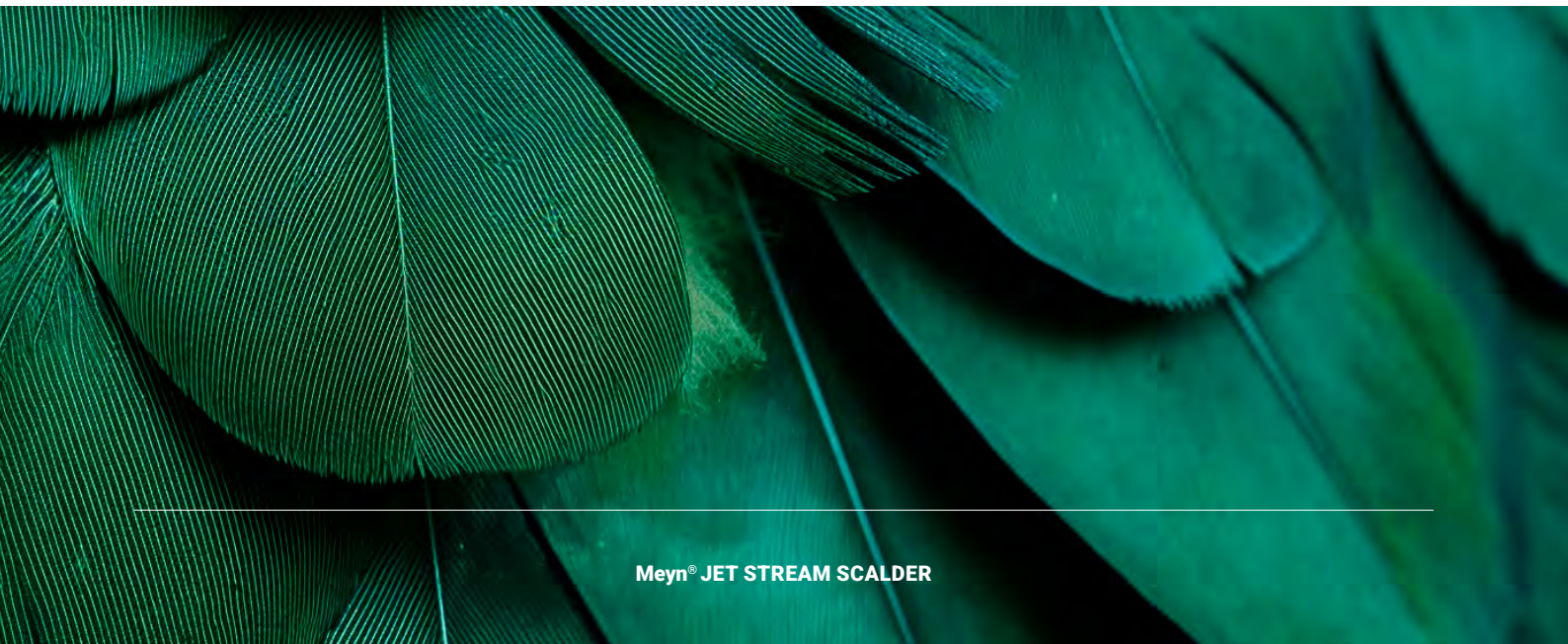
The top of the recoil plate is positioned below the waterline to prevent air from entering the bath, helping maintain stable temperatures



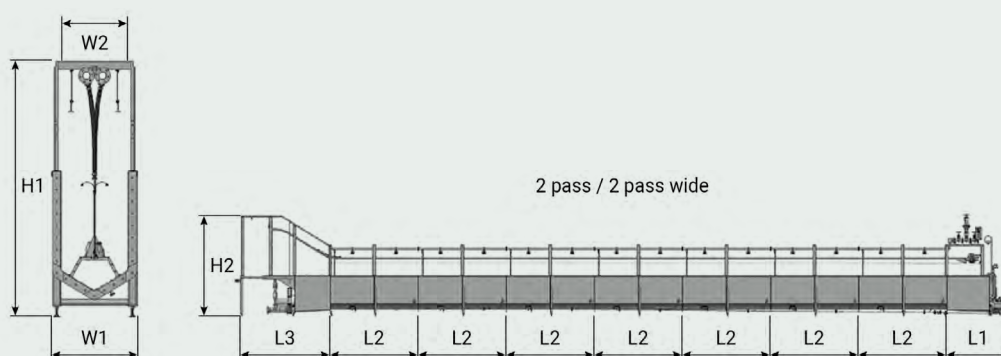


Options

- ✓ Jet stream with exchangers heated with hot water or steam (indirect heating)
- ✓ Jet stream heated with steam (direct heating)
- ✓ Remote control and monitoring
- ✓ Temperature logging



Jet Stream Scalders



Specifications

		2 pass	2 pass wide	3 pass	4 pass
Live weight	kg	0.5-4.0	1.7-6.0*	1.7-6.0 *	1.7-6.0 *
Length (L1) mm	mm	1,890	1,890	2,880	2,300
Length (L2) mm	mm	2,600	2,600	1,300-2,600	1,300-2,600
Length (L3) including inlet chute	mm	2,655	2,655	2,880	2,880
Width (W1) mm	mm	770	885	1,560	1,560
Width (W2) inner width	mm	550	665	1,361	1,361
Height (H1) roof inlet	mm	2,815-2,955	3,015-3,155	3,015-3,155	3,015-3,155
Height (H2) control valve	mm	2,500-3,000	2,600-3,100	3,500-3,640	2,600-3,100
Weight per section L1 (w pump)	kg	475-525	525-575	1,010-1,060	985-1,035
Weight per section L2 kg	kg	330-360	395-425	650-700	650-700
Weight per section L3 (w pump)	kg	440-490	540-590	830-880	970-1,020
Electric power installed kW	kW	4/7.5** p.p.	7.5 per pump	7.5 per pump	7.5 per pump
Air connection BSP	BSP		1/4"		
Air pressure	bar		3.5-10		
Water connection (level control)	BSP		3/4"		
Water connection (quick fill)	BSP	1.5"		2.0"	
Water consumption	l/bird		0.25		
Heating connection	DN		50		
Drain connection	DN		125		

* Above 4.0 kg live weight, shackle pitch on 8" or wider

** 4kW (1-5 sections) and 7,5kW (6-7 sections)

Options

Stainless steel canopy including side panels

Indirect steam heating requiring connection for condensate recycle

DN

20



Meyn® JET STREAM SCALDER



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

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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.

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

Maintenance

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

Parts

- ✓ OEM replacement parts
- ✓ Always available
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Version 22-07-2026

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