



HAARSLEV™

Processing Technology

VERTICAL HYDROLYZER

Product brochure



HAARSLEV™

Processing Technology

VERTICAL HYDROLYZER



If you need to process feathers or hog hair into a high-quality feed meal that contains a minimum of indigestible proteins, the Haarslev Vertical Hydrolyzer is an extremely effective way to do it.

The fibers disintegrate when pressure-cooked at high temperatures under controlled conditions. Full control and the right balance between pressure and retention times – with your input material only very briefly exposed to high temperatures – help you achieve feed outputs of the quality you require. These units are available with processed raw material capacities up to 10 metric tons per hour. After hydrolysis, your raw material can be dewatered effectively using a screw press or decanter centrifuge, and then dried.

“

EFFICIENT HYDROLYSIS OF POULTRY FEATHERS OR HOG HAIR, WITH FULL CONTROL OF PROCESS CONDITIONS IN ORDER TO ENSURE BETTER-QUALITY OUTPUT.



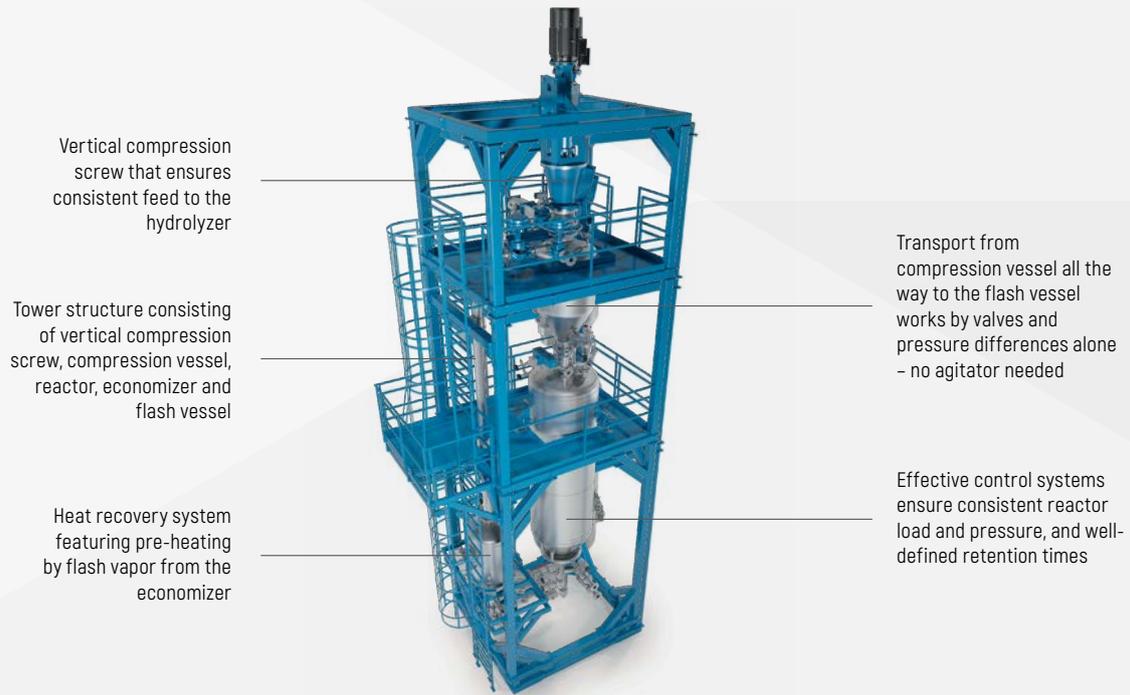
APPLICABLE FOR:

- Independent rendering operations
- Poultry rendering plants
- Specialist operations involving feathers or hog hair

BENEFITS

- Processing effectiveness unaffected by variations in input specs
- Operates with direct high-pressure steam supply and short retention time
- Direct steam supply does away with heating surfaces, eliminating the risk of input material scorching
- No rotating or moving parts – very reliable and only minimal maintenance required
- Flash vapor released from the hydrolyzed material is re-used for pre-heating
- Effective heat recovery system reduces energy consumption and operating costs
- Advanced instrumentation and control systems ensure high product quality

**FEATHERS OR HOG HAIR OF
VIRTUALLY ANY QUALITY/
SPECIFICATIONS AND IN ANY
CONDITION**



**HYDROLYSIS UNDER PRESSURE TO MAKE FIBERS IN THE
INPUT MATERIAL DISINTEGRATE, READY FOR
MECHANICAL DEWATERING USING A
SCREW PRESS OR DECANTER
CENTRIFUGE**

TYPE	NOMINAL CAPACITY* (t/h)	COMPRESSED AIR (Nm ³ /h)	STEAM SUPPLY	DIMENSIONS**		
			kg/kg OF RAW MATERIAL	Height (m)	Weight (t)	Volume (m ³)
100	up to 10	35	0.3	10.7	16.5	86

* Capacity at 70% moisture

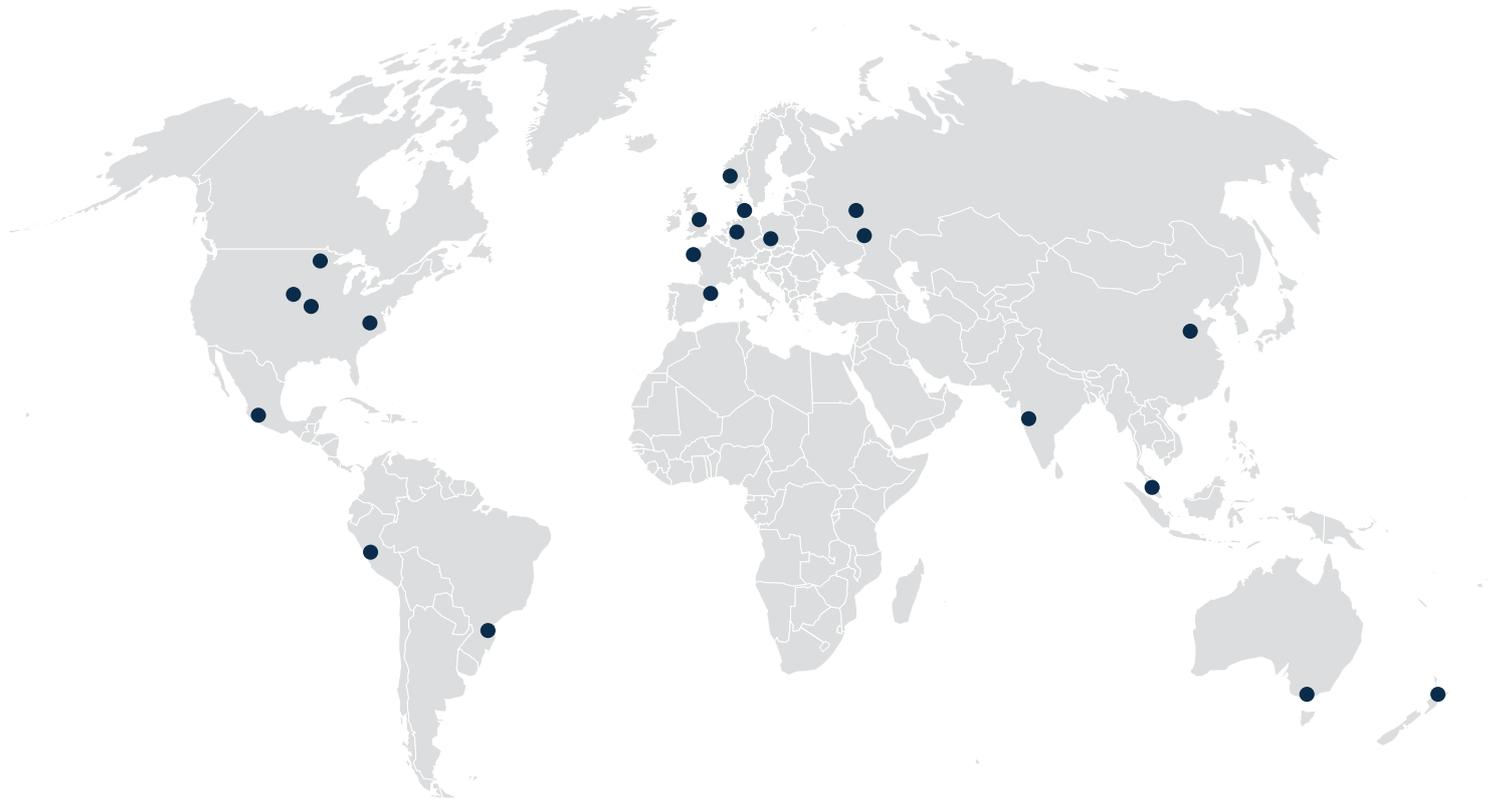
** All statements of dimensions are approximate.

We reserve the right to alter the specifications at any time without prior notice.



HAARSLEV™

Processing Technology



PROCESS IS POTENTIAL

HEAD OFFICE

Haarslev Industries A/S · Bogensevej 85
DK-5471 Søndersø · Denmark
Telephone: +45 63 83 11 00
Email: info@haarslev.com
www.haarslev.com

GLOBAL EXPERIENCE - LOCAL PRESENCE

Please contact us or visit our website
to locate the closest sales office.