



HAARSLEV™

Processing Technology

HORIZONTAL HYDROLYZER

Product brochure



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HORIZONTAL HYDROLYZER



This breaks down the cellular structure of the feathers, and makes the fibers disintegrate and dissolve.

Supplied as a complete, ready-to-install unit with all the necessary instruments and valves, this hydrolyzer is inexpensive to operate and has only a few moving parts.

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**EASY-TO-OPERATE HYDROLYZER
FOR PROCESSING WET FEATHERS
INTO FEED MEAL.**

Solidly engineered, these units are also extremely reliable, so you can be sure of an uninterrupted supply of hydrolyzed feathers to your drying operations.

If you have a supply of wet feathers you want to process into higher-value feed meal, the Haarslev Horizontal Hydrolyzer is the most advanced, easy-to-operate way to do it, by injecting both direct and indirect steam into a heavily compressed plug of feathers.

BENEFITS

- Manpower savings and high output because of continuous, automated operation
- Outputs of consistent quality and specification, helping make your downstream drying processes more effective
- Uses very little steam, keeping your operating costs down
- Effective safeguards against plug feed loss
- Fully assembled, easy to install
- Can feed directly into a dryer



APPLICABLE FOR:

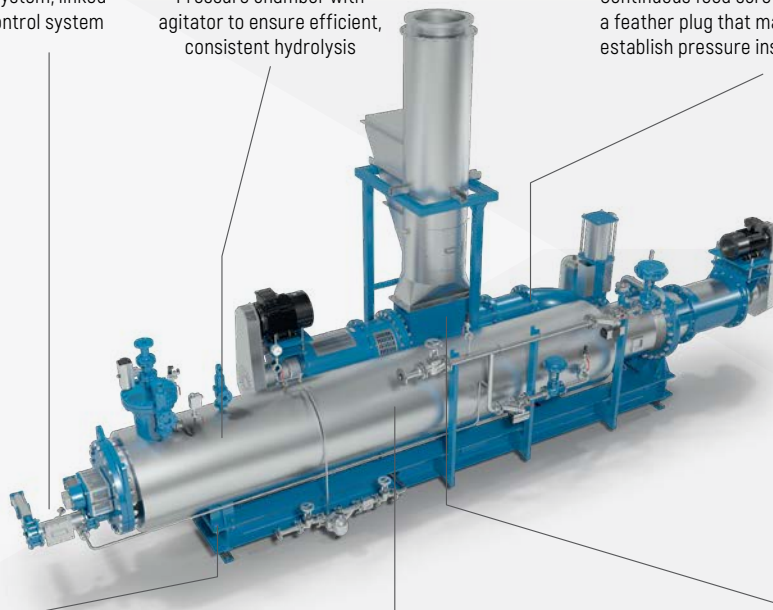
- Poultry rendering plants
- Specialist operations that involve feather processing

**RELATIVELY FRESH, WET FEATHERS
OF VIRTUALLY ANY QUALITY/
SPECIFICATIONS AND IN ANY
CONDITION**

Discharge valve system, linked to the process control system

Pressure chamber with agitator to ensure efficient, consistent hydrolysis

Continuous feed screw that establishes a feather plug that makes it possible to establish pressure inside the hydrolyzer



Load cell ensures most effective fill level and maximum throughput

Steam jacket that heats the feather plug to break down the cellular structure of the feathers

Drain that removes excess water from the raw feathers

**FEATHER HYDROLYZATE THAT CAN
BE FED DIRECTLY INTO A DRYER AS
PART OF PROCESSING INTO ANIMAL
OR AQUATIC FEED**

TYPE	CAPACITY* (kg/h)/(lb/h)		DIMENSIONS**(mm)/(ft-inch)						WEIGHT (kg)/(lb)		POWER, FEEDER (kW)/(hp)		POWER, HYDROLYZER (kW)/(hp)	
			Length (L)		Height (H)		Width (W)							
CFH-50	5,000	11,023	9,250	30' 5"	2,700	8' 11"	2,600	8' 7"	13,000	28,660	37	50	18,5	25
CFH-75	7,500	16,534	10,200	33' 6"	2,700	8' 11"	2,700	8' 11"	17,000	37,478	45	60	22	30
CFH-120	12000	26,455	11,150	36' 7"	2,950	9' 9"	3,000	9' 11"	19,000	41,887	55	75	30	40

* Capacity at 70% moisture

** All statements of dimensions are approximate.

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



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PROCESS IS POTENTIAL

HEAD OFFICE

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