



## 1270 DEWATERING PRESS



*ANCO originated the Continuous Hydrolyzer technology and became the first company to patent this type of process. The Continuous Hydrolyzer dates back to the first installation in the mid 60's for Southern Rendering in Little Rock, Arkansas. Today ANCO feather and hog hair Hydrolyzers are found in process plants through out the world. Part of the success for the Hydrolyzer can be found in the dewatering feed system. The experience and "know how" learned by ANCO engineers now has been incorporated in a new product line, the ANCO 1270 Dewatering Press.*

**Proven Technology** — ANCO's new Dewatering Press is based on our solid design experience of 40 years as a leader in continuous Hydrolyzing equipment. Consideration for construction material, heavy-duty screw feeder design and the latest CAD optimization make the ANCO 1270 a reliable and high performance Press.

**Key Components** — There are four components that will impact the overall Dewatering Press performance: Screw Design, Pressure Choke, Drive and Support Frame.

- Screw Design is critical to achieving the maximum water removal with the least HP. ANCO engineers have taken thousands of hours studying feed conveying to optimize the screw profile and wear material selections.

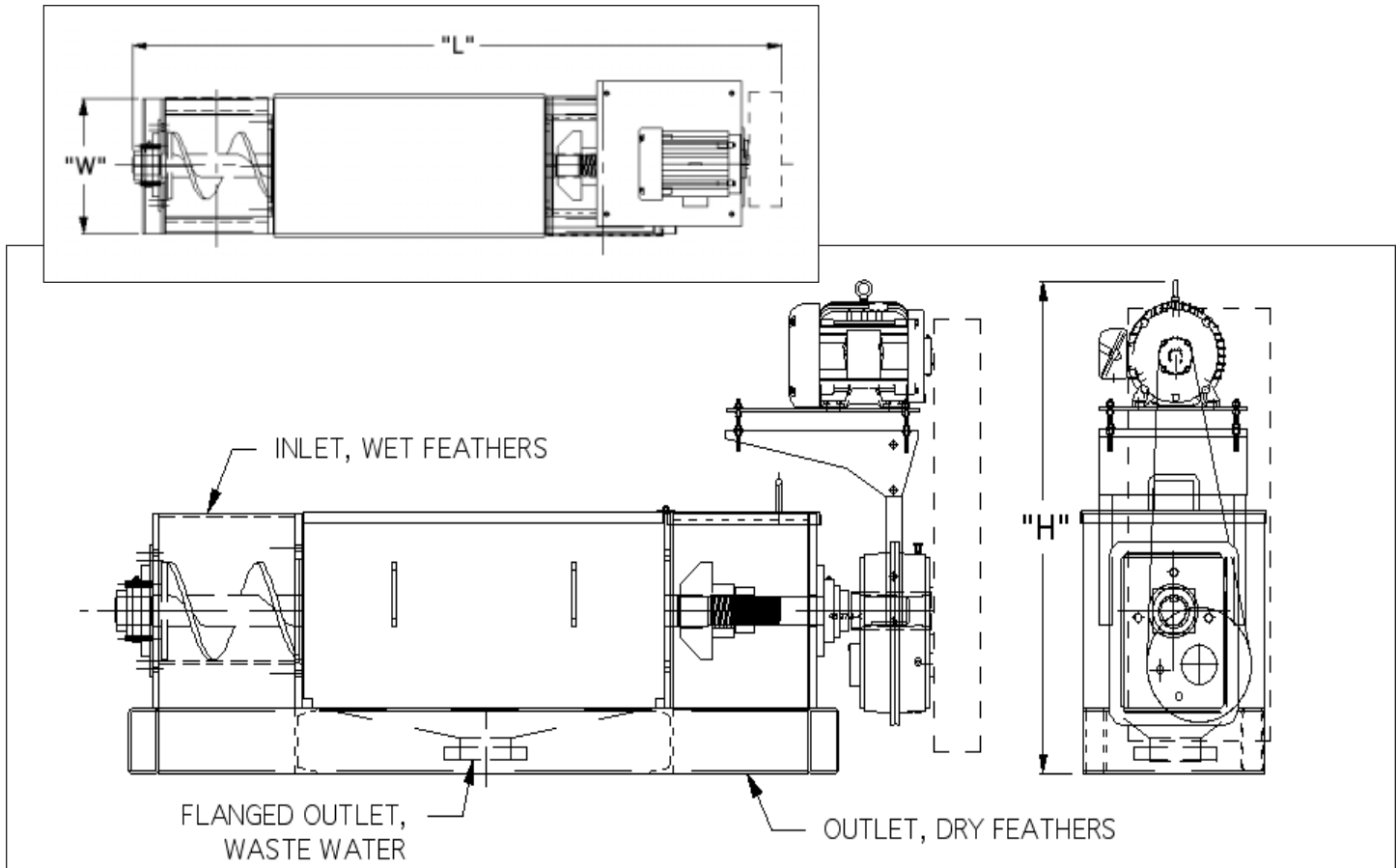
- To maintain the correct pressure ANCO built the Pressure choke from a solid forging for strength and wear. Some competitive units use a low-grade thin plate that is prone to failure within a very few hours of operation. A single compression nut provides the adjustment spacing of the choke that an operator can fine-tune without the aid of any special tools.

- Drives for any rendering equipment must be ruggedly built. ANCO's 100 years experience has demonstrated that our POW-R-PAK™ drives are built to last and parts are always quickly available from ANCO. Like all ANCO drives we first look at the demand HP, then utilize a drive that has ample service factors. For the ANCO 1270, a V-belt arrangement is incorporated to soften the start-up loads and provide a means to fine tune the main screw RPM. An optional VFD drive can be incorporated to provide even more flexibility for the customer.

- With the high screw pressure and torque, a rigid support frame is critical. ANCO utilizes the latest CAD technology to develop a strong but simple frame structure. The main press frame is a single piece of steel weldment, line bored and CNC machined for precision tolerances with special wear-resistant alloys used throughout. The frame's main structure is fabricated from ground plate with a stainless steel drain trough.

(See reverse page)

# Specifications: 1270 DEWATERING PRESS



FEATHER CAPACITY		LENGTH "L"		HEIGHT "H"		WIDTH "W"		APPROX.	APPROX. SHIPPING WEIGHT	
(LBS./HR.)	(KGS./HR.)	(FT.)	(M.)	(FT.)	(M.)	(FT.)	(M.)	H.P.	(LBS.)	(KGS.)
5,000	2,270	9.8	3.0	4.5	1.3	2	0.6	7.5	3,650	1,660
10,000	4,550	9.8	3.0	4.5	1.3	2	0.6	10	3,750	1,700
20,000	9,100	9.8	3.0	4.5	1.3	2	0.6	15	4,050	1,840
30,000	13,600	10.5	3.2	5.7	1.7	2.6	0.8	25	5,750	2,610
50,000	22,700	10.8	3.3	5.7	1.7	2.6	0.8	40	5,900	2,680

## ANCO Benefits

Proven and simplistic design resulting from 40 years of ANCO engineering and "know how". Energy conservation by reducing water evaporation demand on Cookers/Hydrolyzer equipment. Improved protein digestibility of finished meals with less thermal dewatering improves protein value. A-E can incorporate the **1270** into existing plant designs and provide total automation that includes PLC and "Touch Screen" technology.

**ANCO-EAGLIN, Inc.**

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