



# FEED AND BIOFUEL PELLET MILL

## SROUT 36-600

The newest addition to the Sprout gear-driven pellet mill line is the rugged 36-600 series.

This 36" series has been designed to provide integrated poultry and hog feed producers with a 600HP pellet mill with a longer life and reduced energy costs.

The 36-600 series is a two-roll mill, available with optional automatic roll adjustment.

The tapered die mounting system is designed to make changing dies easier and faster. The self-piloting design aligns the die so that no dial indicators are necessary and the

symmetrical design means the die is reversible, doubling its service life. The single-reduction gear system ensures efficient power transfer, resulting in a low energy cost per ton.

# ANDRITZ

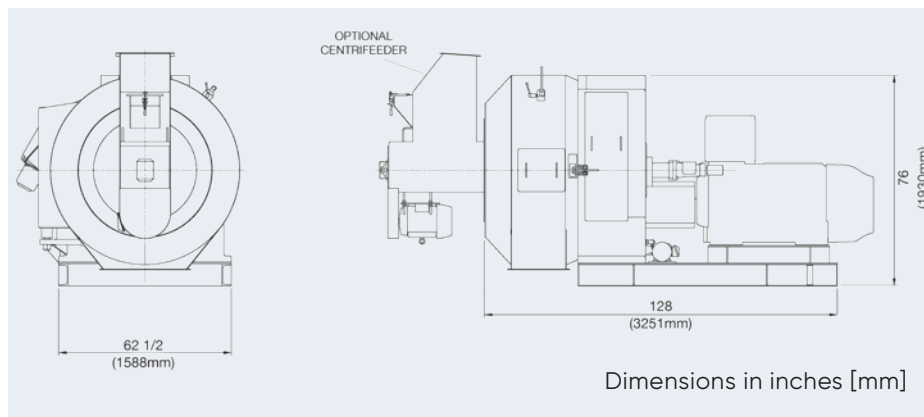
ENGINEERED SUCCESS

All features on the 36-600 are intended to provide a pellet mill that is efficient while performing at the highest production levels. Main shaft, bearings, and cast gear housing design provide strength and rigidity for proper die roll support, and the door and die casings are fabricated from stainless steel to provide greater wear and corrosion resistance. The shaft is machined to the tightest tolerances and heat-treated for superior strength and wear resistance.

ANDRITZ dies are available in stainless or alloy steel and are supported structurally at both ends to minimize stress and flexure. A stiffener ring prevents distortion so the die remains parallel to the roll face, resulting in even pelleting. Both the die housing and the die stiffener feature a replaceable, split wear ring, ensuring longevity while reducing costs for wear parts.

All Sprout gear-driven pellet mills feature the patented Centri-Feeder™. The one-piece, adjustable plow distributes feed uniformly around the entire surface of the die using resulting in steady operation and even die wear, reducing stress on the pelleting components.

ANDRITZ also offers a range of optional, steam-conditioning equipment designed to provide proper agitation and retention time to maximize capacity and pellet quality.



Dimensions in inches [mm]

## TECHNICAL DATA

Model	Max HP	I.D.	Work width in. (mm)	Work area sq. in. (cm <sup>2</sup> )	No. rolls	Weight* lb. (kg)
36W-600			8 (203)	850 (5484)	2	18,300 (8300)
36XW-600	600 (447kW)	36 (914mm)	10 (254)	1115 (7194)	or 3	18,800 (8528)
36TW-600			12 (305)	1341 (8652)		19,300 (8755)

\*Estimated; without motor

### AUTO ROLL ADJUST:

- Requires less energy to start, eliminating high amp draw
- Larger roll-to die clearance during startup
- Quick open and close rolls for improved maintenance times
- Advanced control logics provide greater performance enhancements.
- Rolls are positioned hydraulically to provide precision control
- Hydraulics are located outside the pelleting area, reducing risk of contamination

### OPTIONS:

- Heavy-duty segmented screen frames
- Hoist with lifting tools for quick and easy die/roll changes
- Conditioner with optional liquid(s) and/or steam addition
- Auto-grease system for roll and main bearings
- Water or air heat exchanger for gear oil cooling

### ANDRITZ Feed and Biofuel A/S

andritz-fb.dk@andritz.com

p: +45 72 160 300 / andritz.com/ft

### ANDRITZ Feed and Biofuel USA

andritz-fb.us@andritz.com

p: +1 570 546 1253

# ANDRITZ

All data, information, statements, photographs and graphic illustrations in this leaflet are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ AG 2018. All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. ANDRITZ AG, Stategger Strasse 18, 8045 Graz, Austria.



1 0718