

XT1000 Automatic Pulverizer

SETTING THE BENCHMARK FOR AUTOMATED GRINDING TECHNOLOGY

The XT1000 Automatic Pulverizer is trusted by mining companies for its efficiency and dependability. This machine offers a practical solution for automated grinding, reducing labor costs and increasing sample throughput. It has been developed with customer feedback and rigorous testing to meet industry demands for years to come.

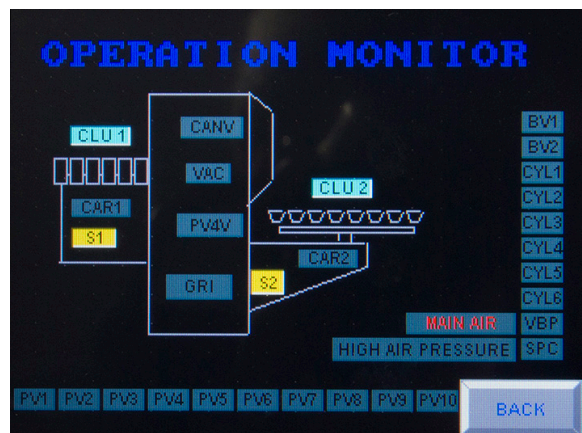
A VERSATILE SAMPLE PROCESSING UNIT

Suitable for operations where time and cost efficiency are important, the XT1000 Automatic Pulverizer is a reliable sample processing unit. It has been serving mining companies in North and South America for over two decades.



KEY FEATURES

- **Intuitive PLC Control:** Comes with an LCD touch-screen display terminal for user-friendly interactions.
- **Real-Time Feedback:** Receive live updates on the machine's status.
- **Receiving Carousel Choices:** Available in both "Cup Style" and "Bag Style" configurations.
- **Cross-Contamination Prevention:** Programmable cleaning cycles to avoid cross-sample contamination.
- **Variable Feeding/Receiving Stations:** 24 stations, available in both 'bag-style' or cup configurations.
- **Broad Grinding Capacity:** Choose between 250mL or 500mL, with 250mL being the most popular size.
- **Efficient Grinding Cycle:** Takes as little as 60 seconds per sample.





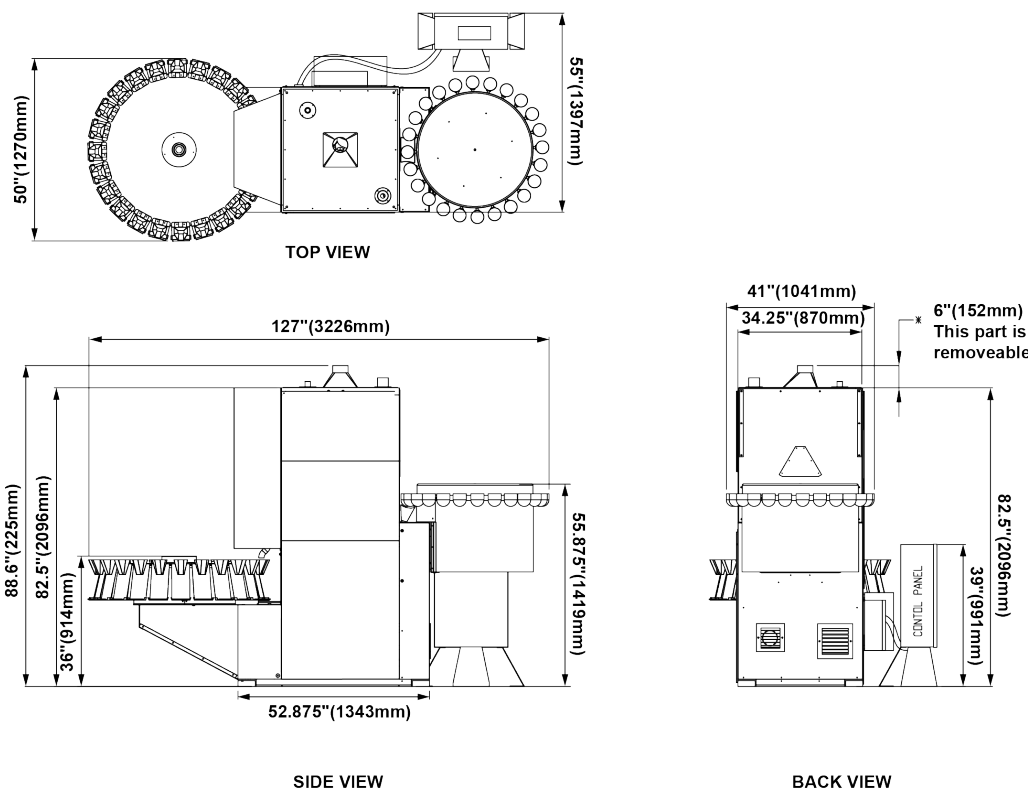
- **High Recovery Rate:** Guaranteed to recover over 95% of the original sample.
- **Automated Cleaning:** Built-in automatic cleaning system between samples.
- **Modular Flexibility:** PLC controller with modular electrical and pneumatic components for limitless operational flexibility.
- **Fail-Safe Measures:** Integrated sensors ensure machine shutdown during system failure.
- **Diagnostic Messaging:** On-screen display messages identify the cause of any operational malfunction.

CUSTOMIZABLE OPTIONS

Options such as intermediate cleaning runs, time metering, and special voltage requirements can be tailored to your needs and are priced upon request.



XT1000 Automatic Pulverizer Technical Specifications

WEIGHT :	2905lb (1318Kg)
POWER :	<p>3 PHASE / 60Hz 1HP (250mL GRINDING BARREL), 1.5HP (500mL GRINDING BARREL) SINGLE PHASE / AND/OR 50Hz MOTORS AVAILABLE PLEASE SPECIFY AT TIME OF ORDERING</p> <p>VOLTAGE OPTIONS: 208, 220, 230, 240, 380, 415, 440, 460, 480, 575, 600</p>
CONFIGURATIONS :	BAG OR CUP RECEIVING CAROUSEL. GRINDING CAPACITY OF 20mL TO 1Kg TO PROVIDE A QUOTE, PLEASE SPECIFY SIZE OF SAMPLES NEEDED
<p>DIMENSIONS : NOTE: ALL DIMENSIONS ARE NOMINAL AND ROUNDED FOR GENERAL REFERENCE</p>  <p>TOP VIEW</p> <p>50" (1270mm)</p> <p>55" (1397mm)</p> <p>SIDE VIEW</p> <p>127" (3226mm)</p> <p>88.6" (2255mm)</p> <p>82.5" (2096mm)</p> <p>36" (914mm)</p> <p>52.875" (1343mm)</p> <p>55.875" (1419mm)</p> <p>BACK VIEW</p> <p>41" (1041mm)</p> <p>34.25" (870mm)</p> <p>6" (152mm) This part is removable</p> <p>82.5" (2096mm)</p> <p>39" (991mm)</p> <p>CONTROL PANEL</p>	