

800 UPD

MODEL **800 UPD** SOLUBLE COFFEE GRANULIZER

**ULTRA PARTICLE DISTRIBUTION (UPD)
TECHNOLOGY FOR SOLUBLE/EXTRACT COFFEE**



Model 800 UPD Soluble Coffee Granulizer

MPE understands coffee extraction! In depth research and experience has led to the development of a new grinding technology we call UPD (Ultra Uniform Particle Distribution). This UPD technology specifically benefits Soluble Coffee producers and allows for a number of benefits.

MPE'S UPD TECHNOLOGY BENEFITS:

- **Ultra Uniform Particle Distribution** in the range of 1.0 - 3.0 mm average size.
- **Reduce Coffee Fines** (dust) up to 50% compared to traditional coffee grinders.
- **Gas Tight Designs** for aroma and gas reclaim.

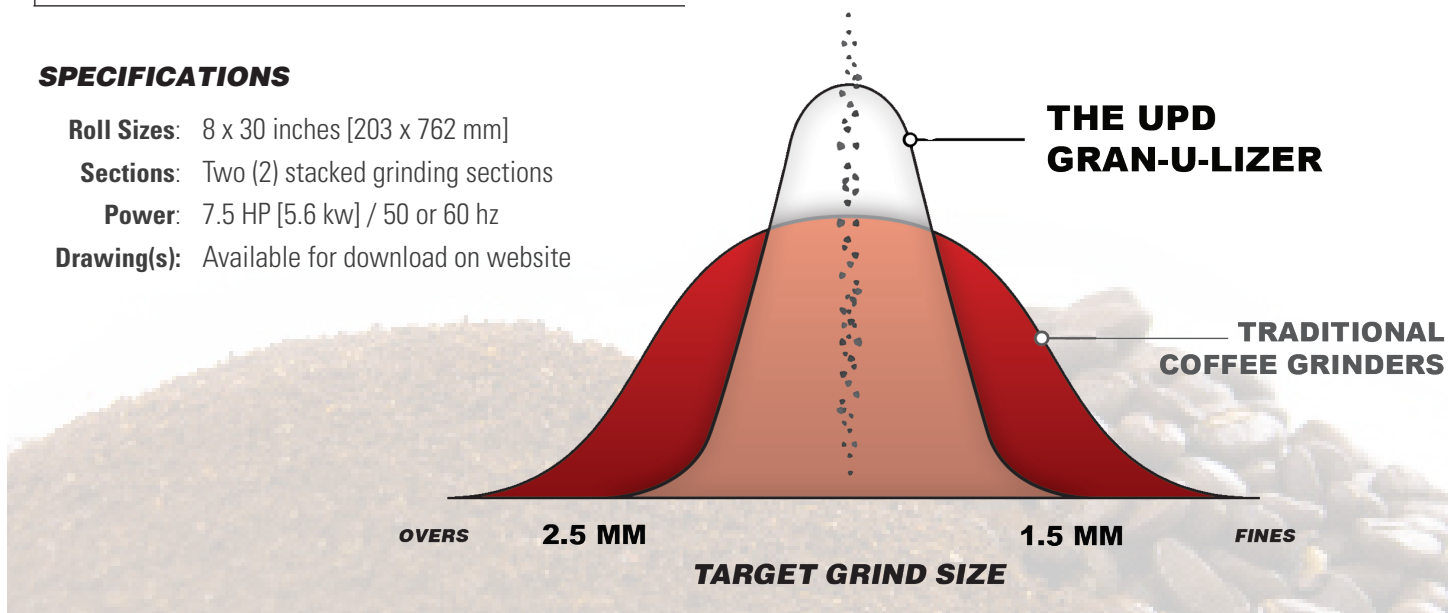
SPECIFICATIONS

Roll Sizes: 8 x 30 inches [203 x 762 mm]

Sections: Two (2) stacked grinding sections

Power: 7.5 HP [5.6 kw] / 50 or 60 hz

Drawing(s): Available for download on website



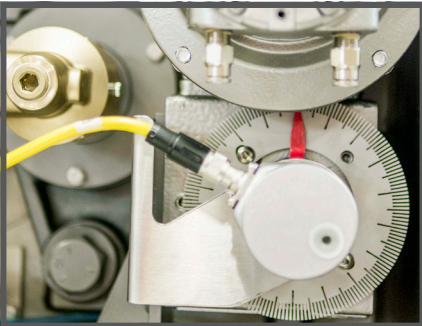
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3125 SOUTH KOLIN AVENUE CHICAGO, ILLINOIS 60623, USA • SOLUTION@MPECHICAGO.COM • P: +1 773.254.3929 • F: +1 773.254.3935

800 UPD

Model	Grinding Sections	Normalizer	Approximate Capacity (kg/hr)							Traditional Grind Range [average size in microns]	
			0	500	1,000	1,500	2,000	2,500	3,000	Soluble	1,000 - 3,000 microns
800 UPD	1-3	N							Soluble		

FEATURES

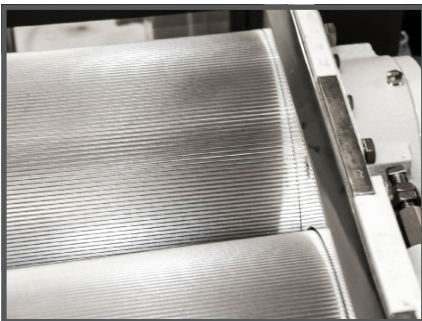


INFINITE ROLL GAP ADJUSTMENT

Grind adjustment is achieved using a manual adjustment mechanism (Settings 1 - 10), which can be quickly and easily adjusted to achieve roll gap accuracies of $\pm 0.0005"$ (10 μm). A semi-automatic control panel features push button style controls with optional digital gap indication.

RUGGED CONSTRUCTION & SPRING-MOUNTED ROLLS

Heavy-duty construction and oversized double spherical roller bearings provide a long service life, reduced vibrations and maintain tight tolerances under extreme conditions. Spring mounted rolls prevent damage to rolls from foreign materials.

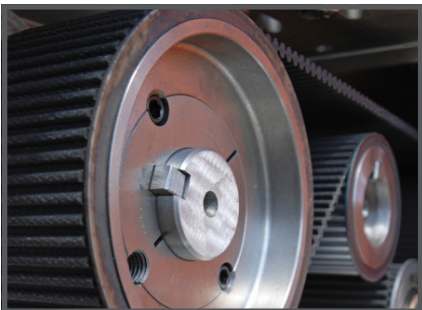


ROLL SURFACE OPTIONS & PRECISION TOLERANCES

MPE manufactures its own tools used to corrugate rolls and offers thousands of tooth sizes and profiles for each unique application and grind size - course (urn) to fine (espresso).

UPD - ULTRA PARTICLE DISTRIBUTION TECHNOLOGY

Roll profiles and grinder configurations specifically designed for soluble coffee extraction. UPD Technology increases particle uniformity and reduces fines (dust) for improved extraction and efficiencies.



HIGH TORQUE DRIVE (HTD)

The HTD drive system provides quiet, lubrication free operation with a wide range of speed and differential capabilities.

ADDITIONAL OPTIONS

- Stainless steel or electroless-nickel construction
- Semi-automatic or PLC control systems
- Integrated magnet
- Gas-tight Construction



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