

# PLT

## Pelletizer

The PLT Pelletizer is used for the production of pellets starting from powders or granules. Connecting the PLT Pelletizer to the UAM Universal Motor Drive via the UGD Universal Gear Drive offers adjustable operation speed and angle.



PLT attached by UGD to UAM

### Operation Mode

The clockwise rotation of the stainless steel pelletizing pan using the UAM Universal Motor Drive and the UGD Universal Gear Drive offers optimized settings for most required pelletizing process. The particle size of the required pellets depends on the rotation speed, the angle of operation, the ratio Solid/Liquid and the properties of the feed. Once the PLT Pelletizer is filled and while the pelletizing process continues, pellets continuously roll over the edge of the pan and can be collected into a suitable collector and dried. The flexible adjustment of the UGD Universal Gear Drive offers a simple and rapid discharging as well as for service and cleaning purposes. All contact parts are made of GMP Compliant materials and can be sterilized in accordance with GMP.



## Advantages

- » Practical Structure, easy to Mount/Dismount for Operation, Service & Cleaning
- » Good Solution for R&D and Small Batch Production
- » Corrosion Resistant, Medical & Food Grade Contact Parts

## Features

- » User Friendly
- » Compact and Effective
- » GMP Compliant

## Standard Scope of Supply

Complete Pelletizer (part. no. 40-01300)

## Application Specifications

Parameter	Specification
<b>Operation Principle</b>	Disk Pelletizing
<b>Process Range</b>	Pelletizing of wetted powders (Solid/Liquid)
<b>Feed Characteristics</b>	Powders and Wetted Powders
<b>Range of Applications</b>	Pharmaceutical, Herbal & Alternative Medicine, Chemicals & Fine Chemicals, Food, Agriculture, Cement & Ceramics, Cosmetics and Detergents, Paints & Pigments

## Technical Specifications

Parameter	Specification
Disk Diameter	: 400 mm
Operation Angle	: $\pm 45^\circ$ via UGD Adjustment
Rotating Speed	: 5 – 45 rpm
Instrument dimensions	Approx. 500 x 440 x 220 mm (width x depth x height)
Packaging dimensions	Approx. 480 x 620 x 600 mm (width x depth x height)
Net / Gross weight	Approx. 10 kg / 13 kg

We reserve the right to make technical changes without any prior notice.