

UGD

Universal Gear Drive

The UGD Universal Gear Drive is used to transform mechanical motion from the UAM Universal Motor Drive to a variety of flanged attachments presented in the scope of the Pharmag Pilot Plant System.



UGD attached directly to UAM

Operation Mode

Through this transformation, the UGD Universal Gear Drive reduces the drive speed at a ratio of 10:1 while simultaneously increases the torque (x10) necessary for performing processes using the attachments, such as: Powder Blenders (Cube, Double Cone, V-Blender), Mini Ball Mill, Pelletizer and Coating Pan. The UGD Universal Gear Drive can also adjust the operation angle into a range of approximately 90°.

Optimal Arrangement

Unlike some similar devices, the UGD Universal Gear Drive has been designed in such a way, so that the operator can always view the ongoing process when any attachment is been mounted on the front of the UAM Universal Motor Drive.



Advantages

- » Proper for many attachments (blenders, coating pans, pelletizers etc.)
- » 360° viewpoint. adjustable angle
- » Easy application, service & maintenance

Features

- » Versatile
- » Optimal access
- » Smart construction

Technical Specifications

Parameter	Specification
Range of operation angle	Approx. 90°
Gear reduction ratio	1:10
Rotation speed	5-45 rpm
Max. torque when connected to UAM	Approx. 60 Nm
Instrument dimensions	Approx. 240 x 160 x 200 mm (width x depth x height)
Packaging dimensions	Approx. 410 x 410 x 410 mm (width x depth x height)
Net / Gross weight	Approx. 7 / 9 kg

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