



UMANG[®]
encapsulation solutions

LABORATORY & PRODUCTION MACHINERY



Pelletization Line (Extruder Spheronizer Process)



Sifter

To maintain uniform granule size.

We have single & twin deck models with validated sieved in mesh & microns size as per BSS or ASTM standard.



Lifting & Positioning Device

For lifting bowl



Granulation (Wet/ Dry)

Dry powder are mixed and binder solution is spread on the powder mixture causing agglomeration of the particles and hence granules are form.



Fluidbed Multi Processor

For drying & coating of pellets



Spheronizer

Extruders from extruder will be collected in the bin and discharged in the drum of sphero to make pellet.



Extruder

For preparing extrudes



Lifting & Positioning Device

For lifting bowl



Sifter

Pellet from FBD/FBF will be discharged in the sifter



Transfer Process

Material from the sifter will be collected to Intermediate Bulk Container (IBC) & shifted to blender for blending



Blending

After drying, the same FBD bowl will be connect to the tippler system and the tippler will lift the bowl and will be placed at the feeding positing of the shifter

Capsule Filling

For separating the oversized, actual sized & lower sized extrudes.

Our Global Reach



Umang Global Group Pvt. Ltd.
(Engineering)

Umang Encapsulation Solutions Pvt. Ltd.
(Pharma, Nutraceuticals & Food)

Umang Particle Science Pvt. Ltd.
(Personal Care)

Lab Ultima Process Technologies Pvt. Ltd.
(Spray Drying)



For Enquiry Contact Us On.
[+91-9518348129](tel:+91-9518348129) / info@umangglobal.com



UMANG GLOBAL GROUP PVT. LTD.

Head Office Address:

Unit 1, Unit 2, 2nd Floor, Vicino (Mega Mall), New Link Road,
Oshiwara, Andheri (West), Mumbai, Maharashtra 400102.

Contact us on:

 [+91-95183 49129](tel:+91-9518349129)

 info@umangglobal.com

 www.umangengineering.com