

UMANG[®]
encapsulation solutions

LABORATORY & PRODUCTION MACHINERY



INTRODUCTION

At Umang Engineering, a proud subsidiary of [Umang Global Group Pvt. Ltd.](#), we specialize in providing cutting-edge machinery tailored to the needs of diverse industries such as Pharmaceuticals, Nutraceuticals, Personal Care, Food, and Agrochemicals. As pioneers in encapsulation technology, our comprehensive range of machinery is designed to optimize production processes and enhance product quality for encapsulation applications. From [extruders and spheronizers](#) to [pelletization lines](#), [granulation systems](#), and [film casting machines](#), our innovative solutions are engineered to meet the highest standards of efficiency and precision.

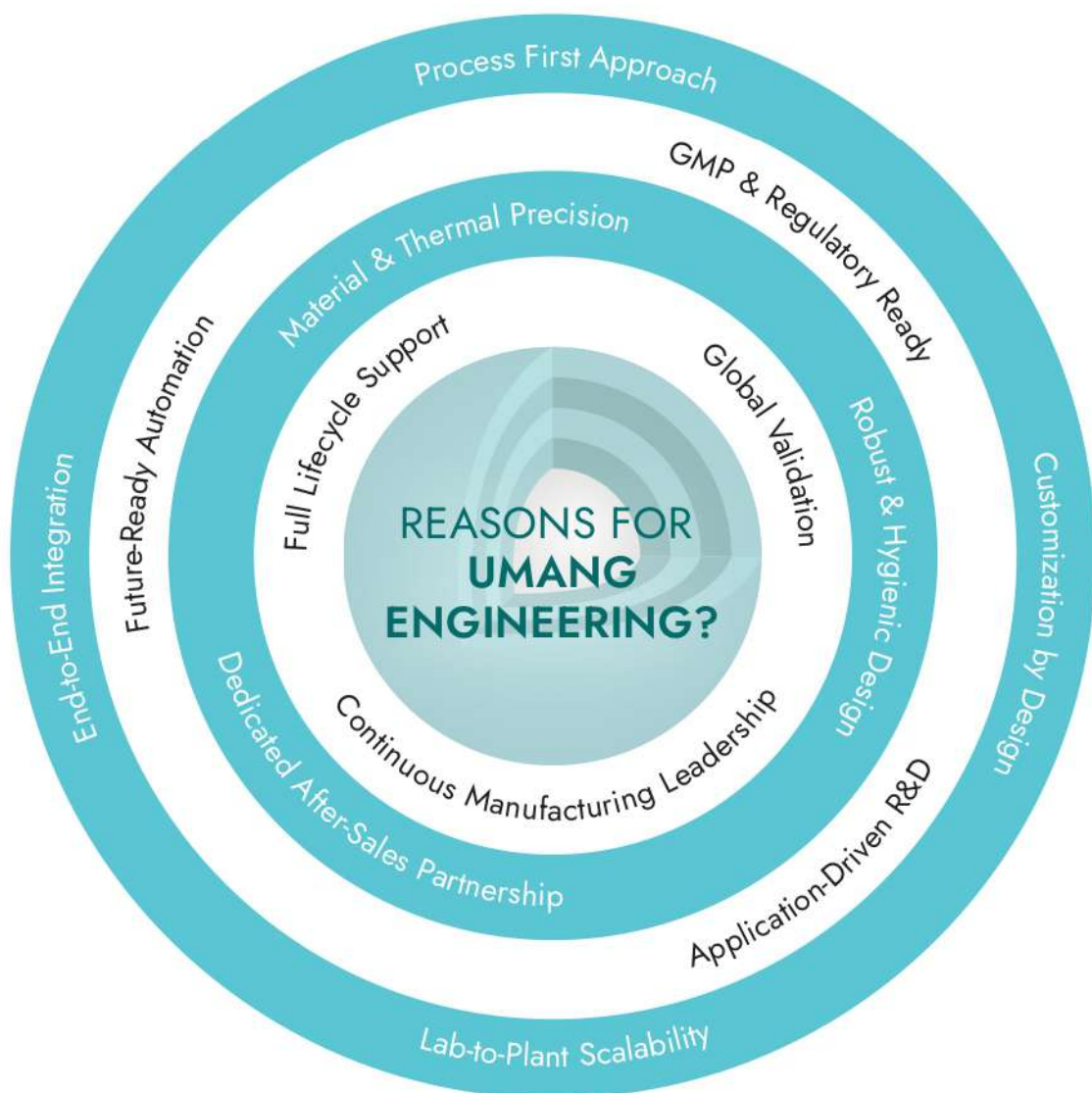
Backed by decades of experience, our equipment ensures reliable performance across a wide range of formulations, enabling businesses to achieve greater profitability and product consistency. Whether you're seeking [advanced technology for encapsulation](#) or [cutting-edge solutions for complex processing needs](#), Umang Global Group Pvt. Ltd. is your [trusted partner in machinery innovation](#).

What We Do?

At Umang Engineering, we design and build precision-engineered process machinery that powers modern manufacturing across pharmaceuticals, nutraceuticals, food, and specialty chemical industries. We don't just supply equipment, we deliver integrated, scalable, and compliant processing solutions that transform raw materials into high-performance finished products with unmatched consistency, efficiency, and control.

From twin-screw extruders and roller compactors to fully automated pelletization lines and fluid bed multi-processors, our machines are engineered for robust performance, regulatory compliance (GMP/FDA), and seamless integration into both batch and continuous manufacturing environments.

Why Umang Engineering?





Our Expertise

Granulation:

High Shear Mixing & Top Spray granulation.

Extrusion:

Single, twin, basket, and die-roller systems for pellets and granules.

Spheronization:

Precision rounding for uniform, high-quality pellets.

Coating & Layering:

Advanced seal coating and solid drug layering for controlled release.

Compaction & Densification:

Granules with suitable density, drug content uniformity.

End-to-End Integration:

Seamless continuous lines for water-dispersible granules (WDG), pharmaceuticals, and nutraceuticals.

Every system is built on decades of process expertise, validated through real-world applications and global co-development partnerships. Whether you need a standalone machine or a fully integrated production line, our engineering team works closely with you to maximize yield, ensure scalability, and future-proof your operations.

Our Services

Technical Support:

Technical assistance for all our machines with well-trained technicians with hands-on support as well remote assistance.

Spare Parts:

Umang's well-stocked warehouse where you can find accessories and original spare parts, even for machines over 20 years old

Testing & Training:

Testing services like Factory acceptance tests, virtual FAT or SAT are offered with all our machines.

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