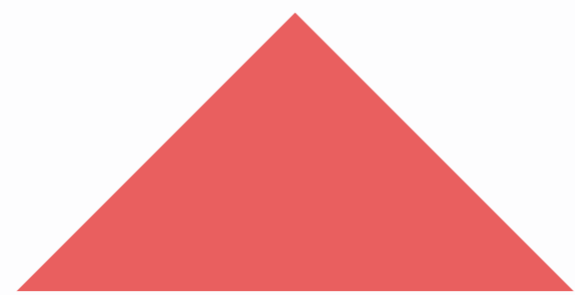


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## About Company

**Ulai Enterprises Pvt. Ltd.** was founded in year 1999.

In Initial years, ULAI was having only single product i.e. TPV (PP+EPDM), manufactured by one of the USA based company and was the exclusive sales channel for whole India and adjoining continent business activities.

Year 2006 onwards, ULAI operational model restructured with expansion activities bringing new technologies, concepts, more products in its portfolio.

With our technical know how, varied market segment as well as wide customer network, ULAI is a preferred choice as a technical sales channel as well as contact window of international and domestic companies.

Product range from: India, Europe, USA, Japan, China, Taiwan, etc.

ULAI is always keen in addressing its both international and domestic clients requirements, by offering them technical as well as competitive products and solutions.



# Strength

Mr. S.P. Dehar – Managing Director and founder of ULAI, is a technocrat with specialization in polymers and chemicals. Before starting his own venture in year 1999, he has worked with several domestic as well as international companies covering work spectrum of R&D, production, application developments, sales and business development. He has now more than 45+ years of professional experience and actively involved in company's business progressions.

Ulai is further supported by able team who are from different domains handling sales, procurements, marketing, installations & other services. The team has received training on its respective domain in India and other global geographical locations.

The company also comprises of an efficient support work force that consistently work together and follow corporate culture of servicing all our clients & channel associates, suppliers with a dedicated, timely and efficient services : imports and exports, local deliveries, office and warehouse maintenance, accounts etc.



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# Work Philosophy

**United** by creating strong bond with our customers/ clients, supplier/ associates and not the least our work force.

**Longevity** in business and customer relations.

**Advanced** thoughts to new ideas, concepts, technologies, methodologies.

**Integrity** is key to happiness and success.

UNITED

LONGEVITY

ADVANCED

INTEGRITY





# Our Market Coverage



# Electronics - Wire & Cable



# Automotive



# Renewal Energy



# Defense/Aerospace



# Home Appliance

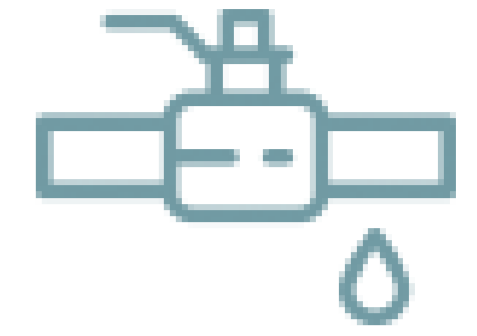
# Our Market Coverage



**AUTOMOTIVE**



**DEFENSE**



**OIL & GAS**



**ELECTRONICS**



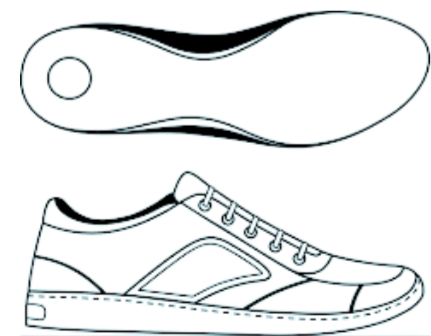
**AEROSPACE**



**WIRE AND CABLE**



**POWER GENERATION**



**FOOT WEAR**



**HOME APPLIANCES**



**CONSULTING**



**MEDICAL**

# Our Offerings

Ulai has basket offering materials, machines, services , projects consultancy, job work assistance for plastic and rubber industry.

## Machines

Plastic Molding

Rubber Molding

Pre Molding

Post Molding

## Materials

Engineering Plastic

Thermoplastic Elastomer

Rubber Compounds

## Services

Project Consultancy  
(e.g. Type-4 Composite Cylinder)

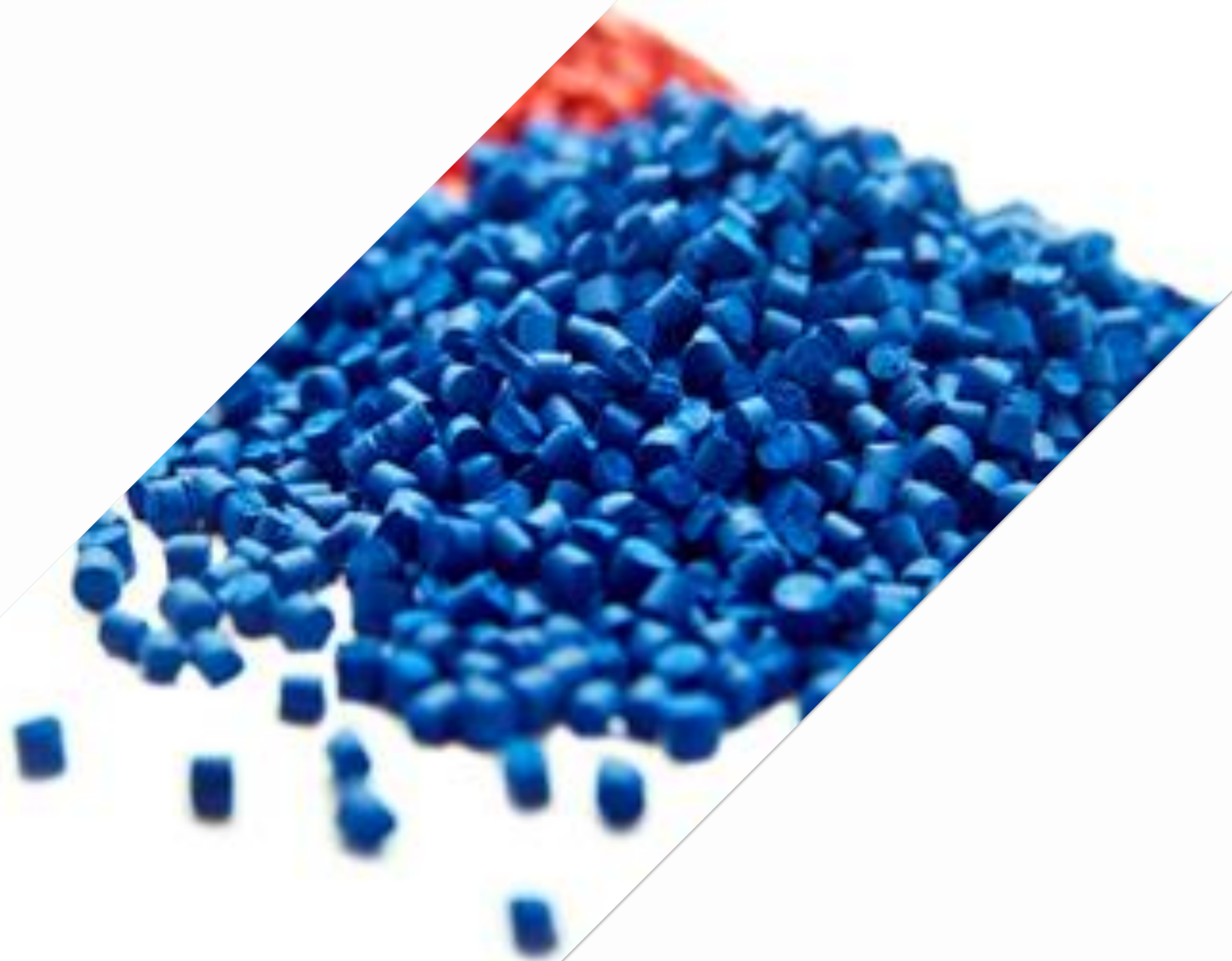
Deflashing & DCT

Process optimisation /  
application assistance



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# Raw Materials





# MATERIALS

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## Thermoplastic Elastomers

(Elastomers)

(Urethanes)

(Olefenics)

(Copolyesters)

### Thermoplastic Elastomers

(SBS and SEBS based)

Hardness: 05 Shore A to 40 Shore D

Color: Natural, Black and Precolour

### Thermoplastic Urethane

(Ester and Ether based)

Hardness: 45 Shore A to 98 Shore A

Color: Transparent and Black

### Thermoplastic Vulcanizate

(PP+EPDM based)

Hardness: 45 Shore A to 40 Shore D

Color: Natural and Black

### Thermoplastic Copolyester

(Polyester based)

Hardness: 65 Shore A to 60 Shore D

Color: Natural and Black

### Thermoplastic Olefins

(Talc based)

Hardness: 80 Shore A to 95 Shore A

Color: Natural, Black and Precolour

# MATERIALS

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## Rubber Compounds & Fillers

Alkylacrylate compound (ACM)

Ethyleneacrylic compound (AEM)

NBR / H-NBR compound

EPDM compound

Nitrile compound

(ECO) Epichlorohydrin compound

Fluoroelastomer compound (FKM)

Speciality FKM compound

Perfluoroelastomer (FFKM)

Fluro vinyl methyl silicone (FVMQ)

Phenyl vinyl methyl silicone (PVMQ)

Vinyle methyl silicone (VMQ)

# MATERIALS

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## Thermoplastic Engineering Compounds

Polyamind (Nylon) 6, 66 - unfilled

Polyamide (Nylon) 6, 66 – glass, mineral filled

PBT – (plain, glass filled, alloy)

PPS, PMA, POM, PC

ABS, GPPS, HIPS, SAN,

CPE, CPVC, CMS,

Cryogenic Deflashing PC Media

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# MACHINES



# Cryogenic Deflashing & Spin Trim Deflashing

## MADE IN INDIA

ULAI is one of the leading, experienced and reputed supplier of deflashing machines.

Our deflashing machines are 100% made in India with high quality standards meeting domestic and international specification requirements with CE certification.

Cryogenic Shot Blaster Machines: CNB60, CNB120, CNB150, CNB 200

Spin Tear Trim Machine : SPTR350





# Extrusion Blow Molding & 3D Suction Blow

Italy and Switzerland | Europe

ULAI represents STBLOW, as its sales channel for India and adjoining countries.

STBLOW, a Swiss Italian Co, is specialized in extrusion blow molding machines with accumulator head and continuous extrusion head with mono and multi layer.

ST is also the market leader in 3D suction blow molding machine with their unique screw design and patent suction system.

The machines are manufactured at state of the art facility in Europe namely Italy – Monza and Switzerland – Stabio with efficient sales team and after sales service back up.

Application : Automotive, Industrial Packaging, Technical products.



# Rubber Compression & Vacuum Compression

**Made In India and  
Imported (China and Taiwan)**

ULAI is a sales, installation and after sales service channel source of reputed rubber machinery manufacturer from global sources

## **Vacuum Compression –**

Clamping Force: 100ton to 500ton

Platen Size: 400\*400mm to 800\*800mm

Station : Single and Double.

Ejector Device: 2RT to 5RT

## **Non Vacuum Compression –**

Clamping Force: 100ton to 500ton

Platen Size: 400\*400mm to 800\*800mm

Station : Single and Double.

Ejector Device: 2RT to 5RT

# Rubber Injection molding & LSR Injection molding

## Imported (China and Taiwan)

ULAI is a sales, installation and after sales service channel source of reputed rubber machinery manufacturer from global sources

## Solid Rubber Injection (FIFO & FILO) –

Clamping Force: 30ton to 350ton

Platen Size: 400\*400mm to 1200\*1200mm

Station : Single, and Double.

Ejector Device: 2RT to 5RT

## LSR Liquid Silicone Injection –

Clamping Force: 15ton to 500ton

Clamping Table : Stationary and Rotary

Mixing Unit : customised





# Rubber sheet strip cutting & Tube/Washer gasket cutting

## Imported (China and Taiwan)

ULAI is a sales, installation and after sales service channel source of reputed rubber machinery manufacturer from global sources.

### Rubber tube washer gasket cutting –

Operation : Fully automatic PLC

Input material : Rubber tube

Cutting efficiency :  $\leq 60$  cut/min

Cutting length :  $\leq 350$ mm

Cutting thickness :  $\leq 12$ mm

Cutting speed 0-2500rpm

### Rubber sheet strip cutting machine –

Operation : Fully automatic PLC

Cutting direction: Horizontal & Vertical

Cutting width: up to 700mm

Cutting strip length: up to 1000mm

Cutting strip thickness: 0-25mm

Cutting type: by size and weight

We also offer: Wiper Slitting Machines , Vulcanizing machine , Rubber grinding machine , Cryogenic grinding machine



# | Precision Preformer | Mixing Mill | Dispersion Kneaders |

## Made In India and Imported (China and Taiwan)

ULAI is a sales, installation and after sales service channel source of reputed rubber machinery manufacturer from global sources.

### Rubber Precision Preformers –

Barrel Dia : 80mm to 300mm  
Max extruder pressure : 60MPa to 17MPa  
Max barrel temperature : 95 degree C  
Feeding Volume : 5ltr to 100ltr  
Cutting speed : 35rpm to 300rpm

### Rubber Rolling Mixing Mill –

Rolling dia : 160mm to 700mm  
Roll length : 320mm to 2200mm  
Capacity (kg/batch) : 4 to 200  
Front roll speed (m/min) : 10 to 32  
Roll speed ratio : 1:1:21

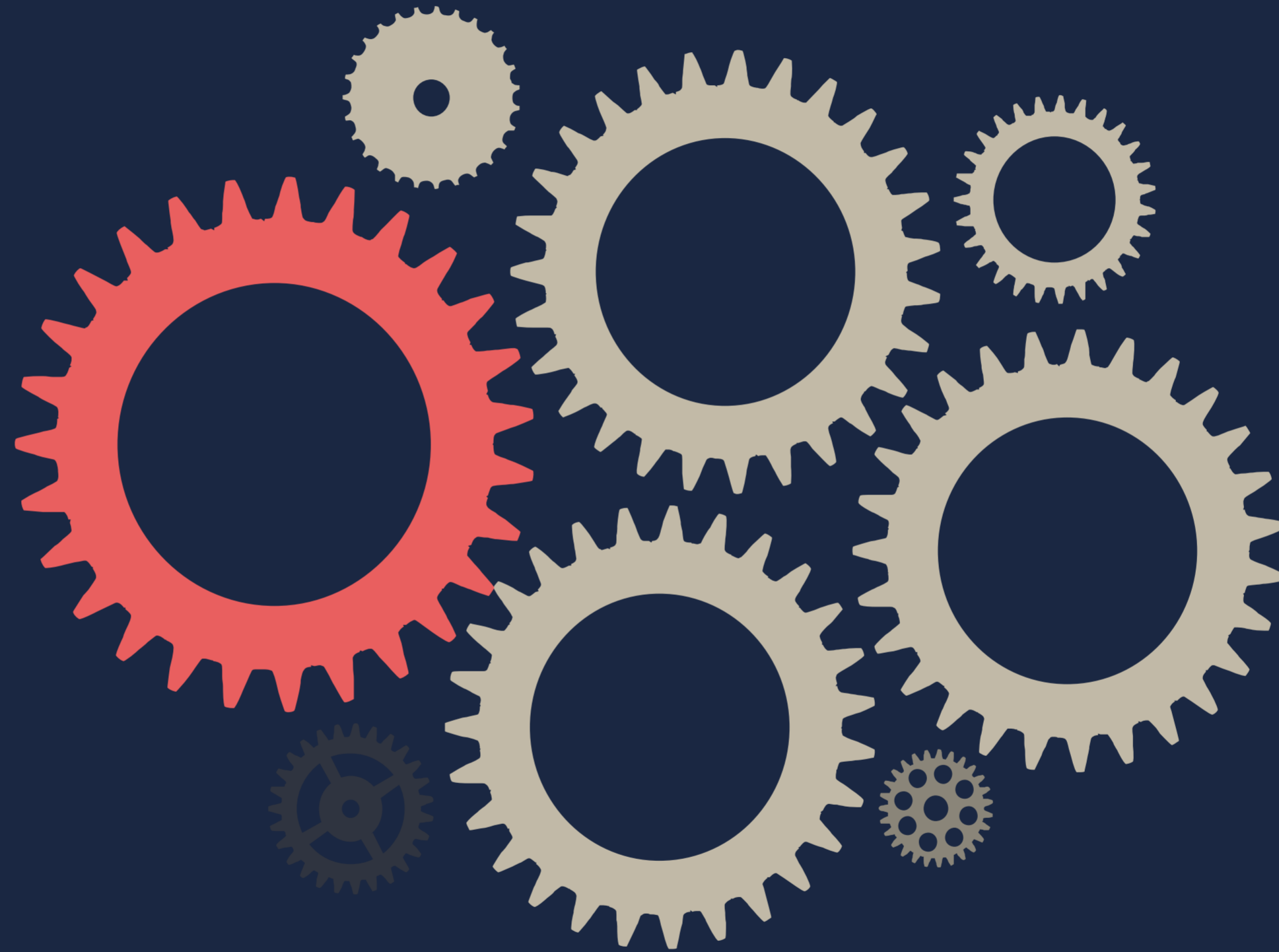
### Rubber Dispersion Kneader –

Capacity : 15ltr to 100ltr  
Drive Motor: 25 HP to 180HP  
Tilt angle : 140  
Motor: 3HP to 7.5HP



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# SERVICES



# Deflashing & Deep Cryogenic Treatment (DCT)

## JOB WORK



We offer job work assistance requiring deflashing either in cryogenic and/or spin trim deflashing machine depending upon part geometry, volume and flash condition etc.

We assist in deep-cryogenic treatment (**DCT**) of components made out of ferrous, non ferrous metals, metallic alloys, carbides, ceramics and plastics (majorly nylon & Teflon).



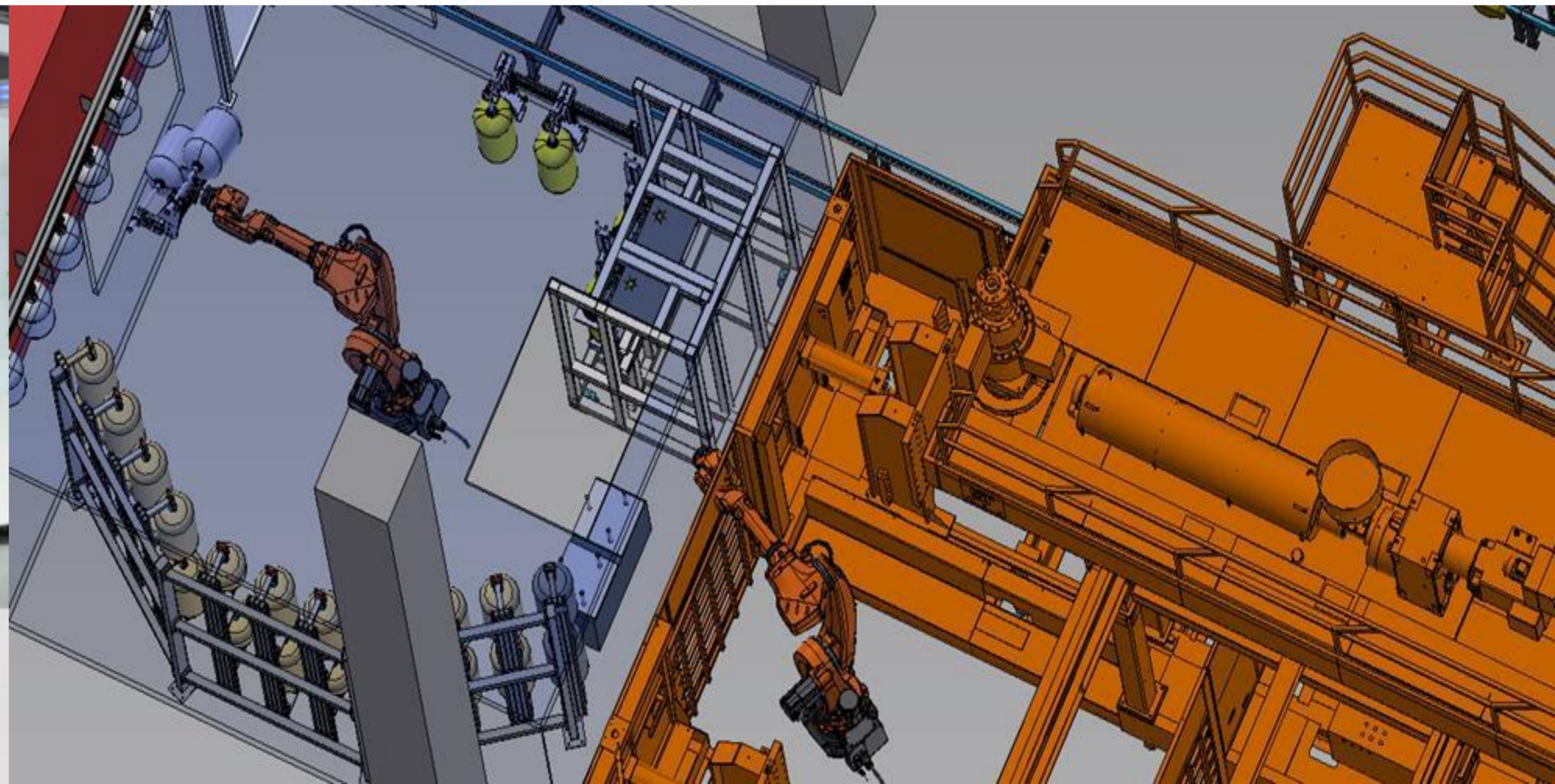
# H2 / CNG / LPG Composite Type 4 Cylinder

## PROJECT CONSULTANCY

ULAI with its aim to provide new technology and concepts, assist in manufacturing set up of Type 4 composite cylinder for CNG, Hydrogen, LPG, etc.

The project consultancy can be provided either in full turn key or semi-turn key basis as per project need.

Thru blow molding machine, we can help you in providing engineering services as well as other equipment (liner preparation etc.) all under one roof. The know-how and network of proven specialties is combined to take production equipment & systems from idea to the commissioning i.e. concept development, feasibility study, FEM, design, proto-types, testing, plant installation and training.





*Get in touch with us to know more...*

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