A Clean Revolution by Cesur Packaging

Cesur Packaging is capable of producing a large variety of big bags in its clean room for both the food and pharmaceutical industries alike.

These bags which are produced under stringent hygienic conditions are in accordance to the clean room procedures which utilises the most advanced technology available.
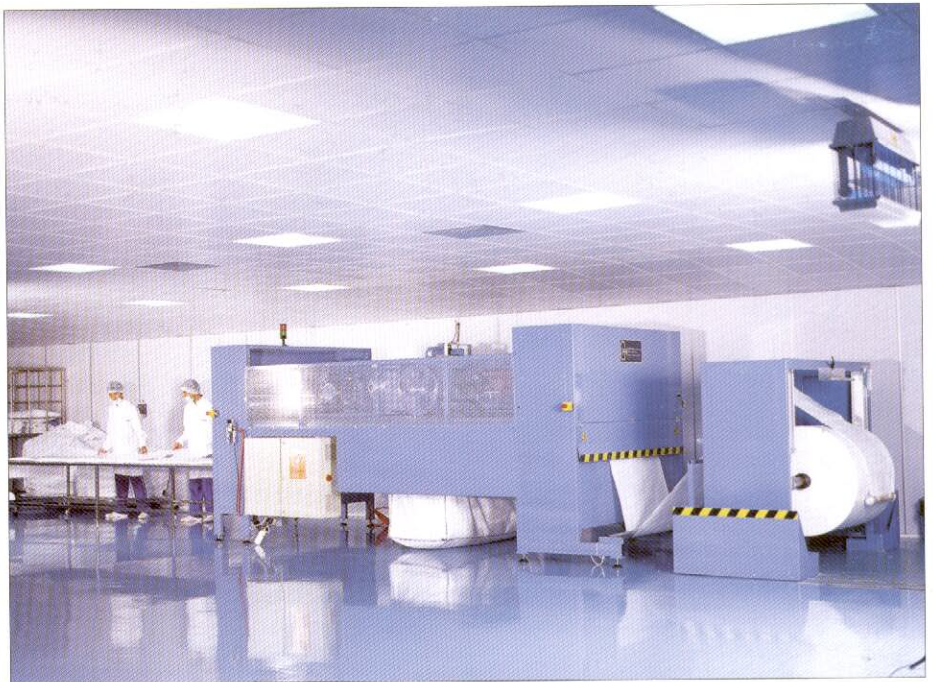
MIMEX
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cesur

Cesur's 650m² (7,000 sq.ft), cleanroom is certified by I.C.C.E.-Belgium and controlled under the strict standards of ISO (ISO 8 Class D=100,000) to provide an utmost hygiene environment. The whole room is constructed with PVC wall panels, which are anti bacterial and anti static that offer ease of cleaning.

The carefully selected personnel are highly trained and certified by I.C.C.E to be authorised to work in our cleanroom process. They are fully clothed in cleanroom garments and air showered with high pressured clean air to remove all contaminaton before they enter the room.

EU-9 air condition filters work constanly with 99% efficiency to clean the air. Temperature and humidity are controlled at 25°C and 60% respectively.

Before any material enters the cleanroom, it enters the air lock room (a buffer zone) between the clean room and the outside atmosphere. This keeps the cleanroom pressurized and free from infiltrating dirt.

To obtain a complete hygiene production line inside the cleanroom, all the equipment used is manufactured from stainless steel.

The fabrics are cut by the ultrasonic cutting machine from Starlinger&Gabr. Heil to achieve cleaner cut without the formation of beads on the edges. All sewing machines have heatcutting units to avoid loose thread edges.

When the bags are finished, they all are vacuum cleaned one by one and pass through the Safeline Metal Detector, which can detect the ferrous metal sphere paticles as small as 1.5 mm.

Before the bags leave the room to go to the bailing press, each bag is packed with a polyethlyene bag to avoid the contact with the outside atmosphere.