



Containerised Laboratories

Readily Transportable and Relocatable
Containerised Laboratories



Mobile Self-Contained Laboratories Configured to Meet Your Project Requirements

Containerised laboratory modules have limitless potential for expansion and can meet all project laboratory requirements from simple sample preparation to analysis units.

Typical containerised units are fully self contained and include all necessary compressed air, lighting and ventilation systems. Site electrical power is the only service required.

The containers are fully insulated suitable for operation in all extremes of climatic conditions. The laboratory operating area is air conditioned with extracted air filtered and returned to maintain a comfortable working environment and to reduce operating costs.

The laboratories can be configured to operate conventional crushing and pulverising sample preparation equipment or linear automated systems. An expected output of 200 prepared samples per day can easily be achieved.

If on site metallurgical testing, particle sizing or chemical analysis is required then additional units can be engineered to suit your specific laboratory needs.

Low Cost Simple Transportation and Rapid Site Mobilisation

The Essa range of mobile laboratories are engineered from standard 20ft and 40ft shipping containers. Once built all units are re-surveyed to ensure compliance with international shipping regulations.

Transporting and handling the laboratories is as simple and inexpensive as standard shipping container haulage. There is no need for special handling or shipping procedures.

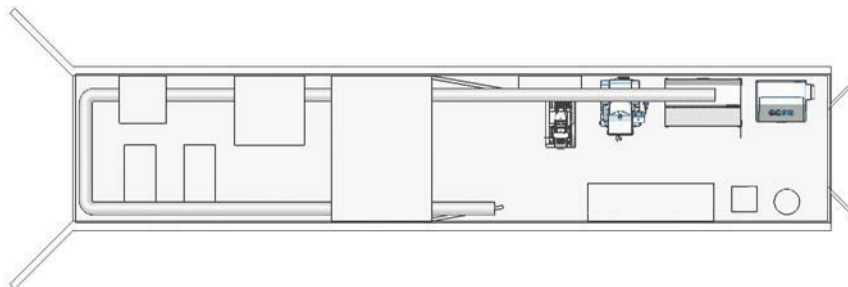
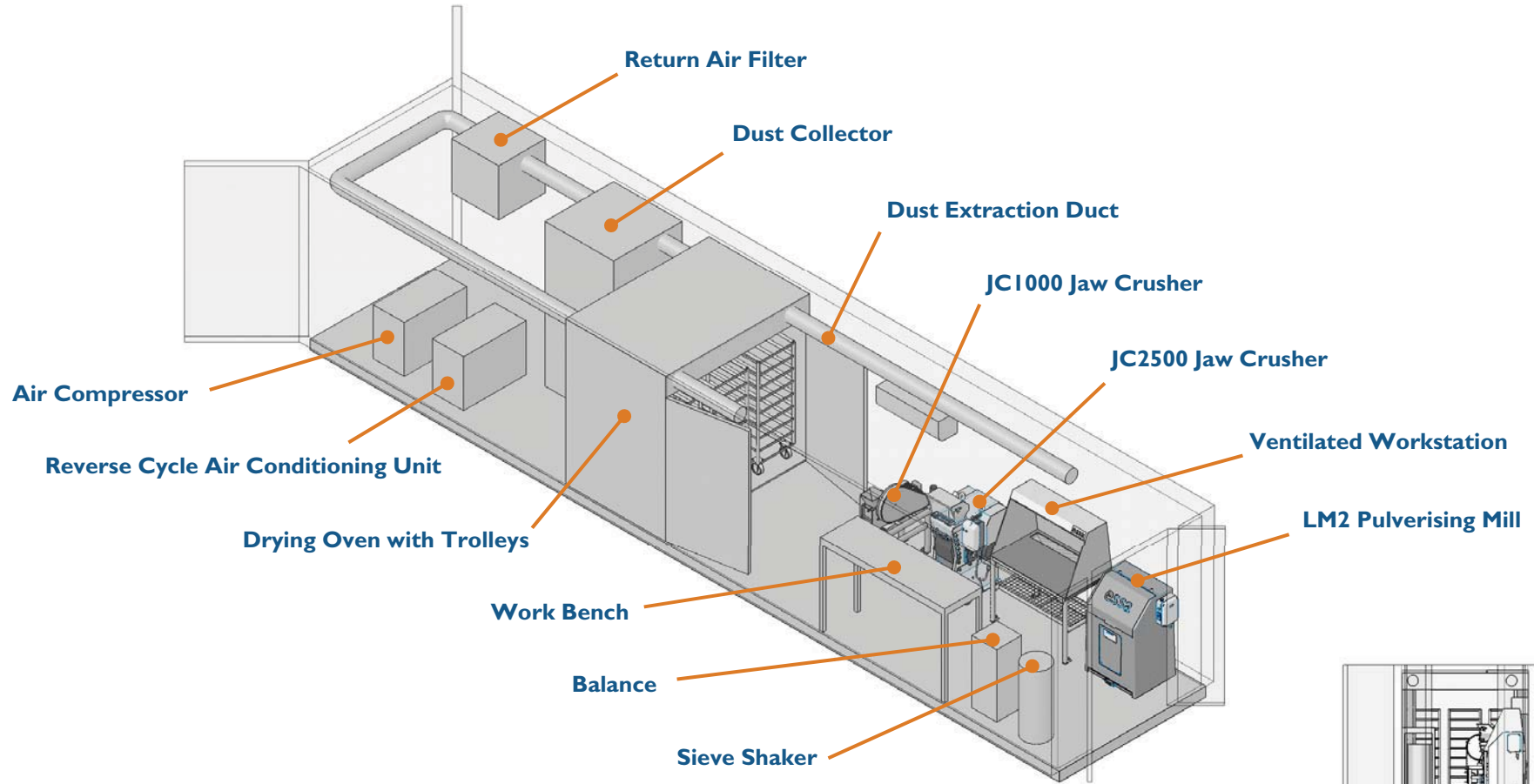
Once on site the laboratory can be fully operational within hours.

Our own in-house laboratory experienced staff are able to assist with all facets of laboratory design including client specific requirements. On-site commissioning and training services can be included.

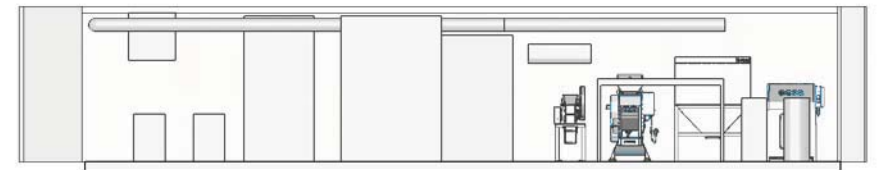




40ft CONTAINERISED LABORATORY with Conventional Crushing and Pulverising Equipment



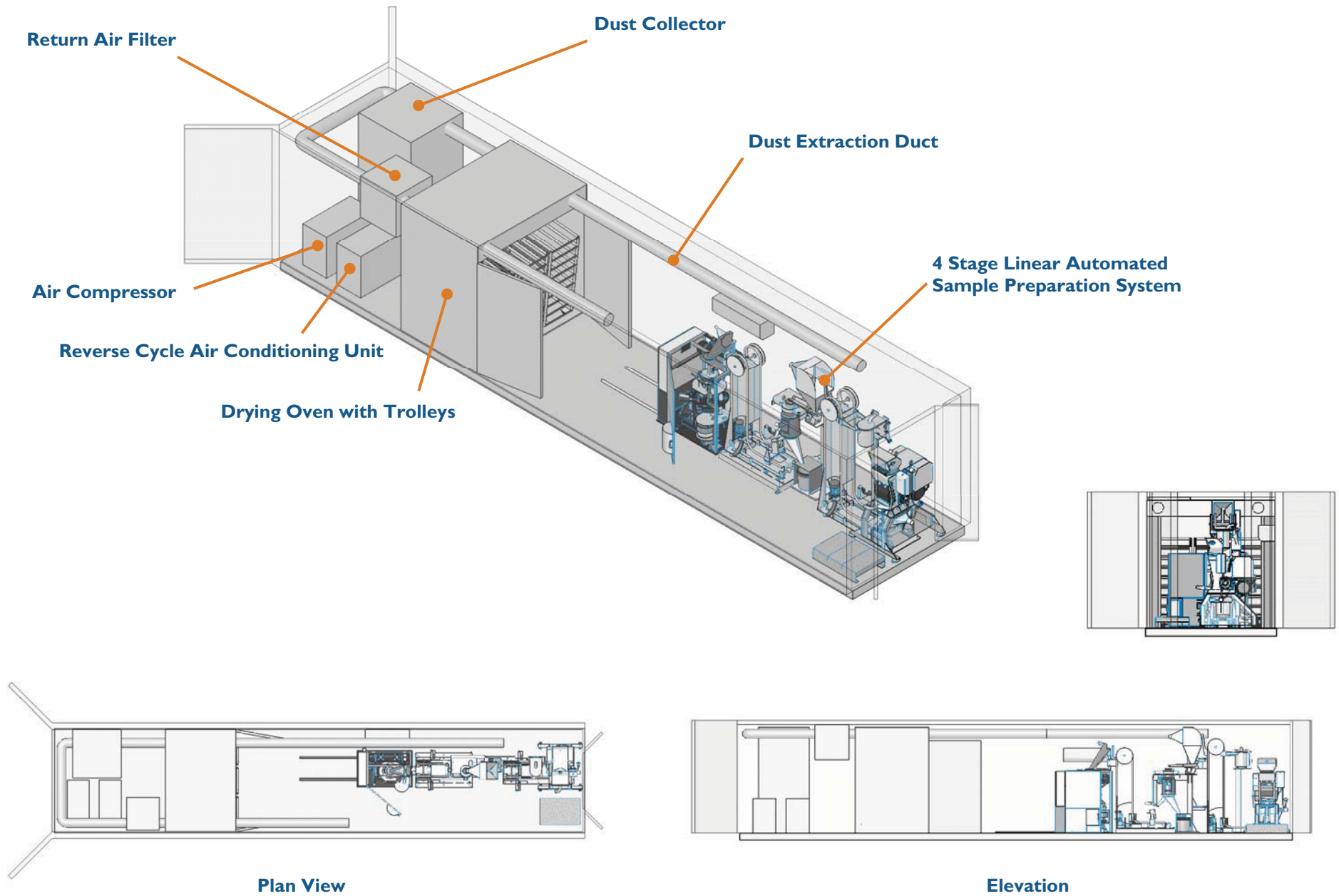
Plan View



Elevation

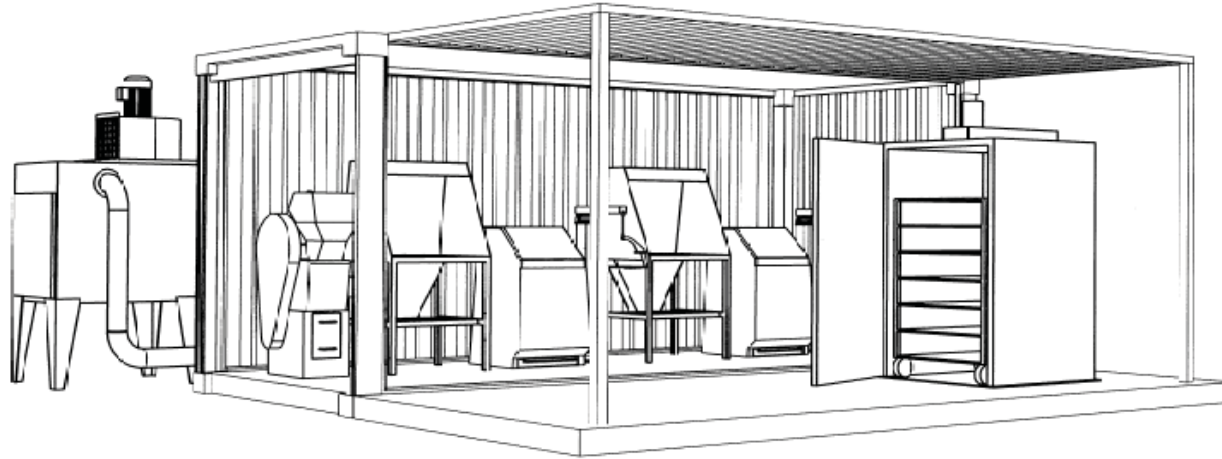


40ft CONTAINERISED LABORATORY with a 4 Stage Linear Automated Sample Preparation System





20ft CONTAINERISED LABORATORY with Conventional Crushing and Pulverising Equipment



A range of basic sample preparation containerised laboratories, better suited to more temperate climates, are also available.

These units are engineered from standard 20ft shipping containers and require specific site installation.




Sample Preparation 

Sampling 

Automation 

Metallurgical 

Laboratory 

Particle Sizing 

**Intelligent Solutions
to Mineral Sampling,
Preparation and
Testing**