

Portable Training Centre



Project Outline:

- n Hand over 2004
- n Built of 4 ez 40' ISO high cube containers
- n Three containers for the main building with work places, machinery, etc,
- n The fourth container is converted to a "cut and grind" building

Main building:

- n 3 containers connected at erection, working height 2.5 m.
- n Flexible modular construction. The size of the building can be reduced or extended by varying the number of connected containers according to specific needs.
- n Furnished with working tables, machines, tools, etc.
- n Air-conditioning plant for automatic control of temperature and humidity.
- n Sink, water heater and waste water tank.
- n Separate engine and control room.
- n Shielded entrance.

Cut and grind building:

- n Furnished with special tools and machines for working up coal-fibre material.
- n Specially designed dust extraction set.
- n Separate engine and control room.
- n Electrical installations in accordance with Zone 21 directions in the ATX regulations.
- n Separate engine and control room with storage.



Portable Training Centre

For the education of staff in working up coal-fibre material DCS Group supplied a turnkey portable training centre. A major advantage achieved with this centre is time saving.

While a new production unit is being built the coal-fibre workers can simultaneously receive their training thus the plant can be utilized right after completion.

The task for DCS Group comprised the manufacturing of the containers, the carrying out of the installations, and the final furnishing. Furthermore DCS Group undertook the first erection of the centre on a site in Germany.

The main building is made up of 3 ea 40' containers type high cube for allowance of sufficient working height. The containers are connected side-to-side, internal walls removed. Instead of the walls roll gates are mounted for protection during transport and storage.

When the gates are rolled up the 3 containers function as one large training centre with working places, tools, machinery, etc. Two external container doors are, when opened and mounted with a top plate, making up a windbreak around the entrance. A fourth container furnished with cut and grind equipment is erected separately next to the main building.

To prevent the very fine coal-fibre particles from penetrating the electrical network the installations in this container are carried out in accordance with Zone 21 directions in the ATX regulations. n

