



30/06/2007 - Two First for China

OMS Group is proud to announce the first set up of a complete discontinuous sandwich panels line and a pipe line using pentane as alternative blowing agent. The companies involved in these projects are ones of the Chinese leaders in the production of cold store rooms and insulated pipes and are both located in Northern China.

The major project, born by the joint co-operation between OMS Group and OMS U.K., consists of a complete sandwich panels line with PU core.

This is an on going growing market and thanks to our in-depth experience in this and in the pentane field, we think our company will give a good and sound contribution to the development and technology innovation in this particular sector.

OMS Group will supply a high pressure metering machine with integrated premixing unit which form the "Pentafoam HP 200/100" machine equipped with horizontally positioned mixing head moving in automatic mode along the press through relevant carrier. The head is complete with special prolonge to ease insertion in the panels and with nitrogen nozzle for better insufflation inside the panel.

Integral part of this scope of supply is a pure polyol service tank, a nitrogen generator, a gas monitoring system complete with gas detectors and ventilation system for both the machine and the press of UK supply.

OMS U.K. will supply the relevant dry side composed of a state of the art 2+2 automatic press with automatic loading and unloading of the assembled panels. By adopting this system, there will always be two panels inside the press and two panels in preparation.

We believe this line to be the most advance one ever installed in the Republic of China.

The second project, of no less importance, consists of a complete pipe line.

OMS Group will supply a high pressure metering machine with integrated premixing unit which form the "Pentafoam HP 300/150" machine mounting special 107cc. pumps and equipped with two mixing heads: one is an ECOMIX DF 16/24 for the insulation of sandwich panels, while the second one is a special ECOMIX HPK 4/R with 4 nozzles for the injection of very high PU quantities (up to 300 Kg) for the insulation of pipes.

This plant is complete with the same equipment and/or accessories composing the sandwich panels line, such as pentane storage, intermediate tanks for raw polyol and mixture, nitrogen generators, etc.