



TEKNOPONT projects with PON CAD the Scaffolding for Tower Pozzo Roma



Name of Project:

Scaffolding for maintenance of Tower Pozzo Roma

Client: Eni Rewind

Place: Gavorrano (GR) Italy

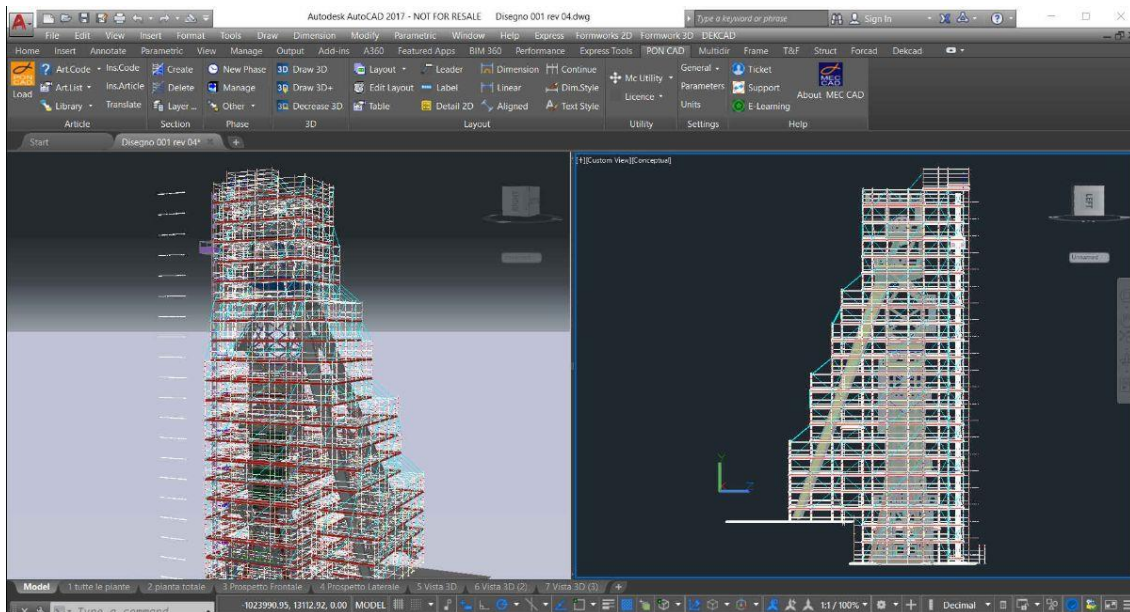
Scaffolding System: SM8 Marcegaglia

Area: 120 m²

Volume: about 8000 m³

Weight: about 100.000 kg

Maximum height: 47 metres



Engineer Amela from Teknopont says:

"The Tower needed a structural adjustment, having been built in the early 1960s and used at that time in the field of mining activities.

The main difficulty, both in terms of design and construction, was the irregular shape of the tower: the structural elements (pillars, beams and diagonals) have variable geometry, spacing and inclination that would inevitably have created hardships and unexpected events during the assembly phase.

Thanks to **PON CAD software** it was possible to go into detail to limit the obstacles, allowing predicting and analysing in advance the problems that otherwise could have occurred during the working phase.

The precise **Bill of Materials** made it possible to accurately estimate the quantities of items already **divided by type** to create the scaffolding and to keep the load and cost under control".

PON CAD