



ENGINEERING
SERVICES



ACTIVITIES



3D MODELLING

Service Description:

- ✓ Plant layout and Plot plan
- ✓ 3D model of the plant
- ✓ Pipe routing
- ✓ Pipe support
- ✓ Cable tray routing
- ✓ Clash, consistency checking
- ✓ Pipe rack design
- ✓ 3D model review
- ✓ Isometrics extraction
- ✓ Bill of Quantity (B.O.Q.)

Typical 3D model view





ACTIVITIES



3D MODELLING



References:

- ✓ New plant for lightweight corrugated medium, capacity 280 000t/y based on recycled fibre (Papeteries de Champagne – France)
- ✓ Construction of a new coater for special grades (Papeteries de l'Aa- France)
- ✓ Extension of containerboard PM1 and speed increase from 400 to 600m/min (Europa&C – Spain)
- ✓ Capacity extension of RCF plant, complete rebuild of 2 paper machines (International Paper Etienne – France)
- ✓ Extension of UWF paper production line, 20 days shutdown (UPM KYMMENE – France)
- ✓ New production line for newsprint, capacity 300 000t/y based on recycled fibre (Holmen Paper Madrid- Spain)
- ✓ New De-inking line for graphic paper (Matussière & Forest – France)
- ✓ New complete tissue mill – PM8 project (Lucart – France)
- ✓ Rebuilding of PM5 press section (Europa&C – France)
- ✓ New production line for containerboard, project SAICA 3 (Saica – Spain)
- ✓ Extension of market pulp mill based on hardwood, capacity extension from 250 000 to 360 000t/y (Cartiere Burgo – Belgium) – CFINew district heating plant – Biomass project (Cofely – France)
- ✓ New energy recovery plant (Soffimat – Libanon)
- ✓ New district heating plant, Biomass project (Coriance – France)
- ✓ New electrical power generation plant 38MW (Caraibes Energie – La Guadeloupe)
- ✓ New condensing steam turbine, Biomass project (Tembec – France)
- ✓ Modification of Biomass boiler, new electricity generation, BEEP project (Elyo – France)
- ✓ New Biomass boiler and electricity generation, Biomass project (Tembec – France)