



**TM.E. S.p.A**  
Termomeccanica Ecologia

Waste water treatment plant  
**Massa**

The plant utilises a process of pre-denitrification and nitrification and is constituted by sections of screening, sand and grit removal, fine screening, pre-denitrification and nitrification, chemical, phosphate removal, secondary sedimentation with lamellas, disinfection with hypochlorite, cloth disks filtration. The sludge line includes sections of thickening, aerobic stabilisation and dewatering with belt press filters.

Commencement date: 2000  
Delivery date: 2001



Water treatment

*Treatment of Civil and Industrial Waste Water*



- **Name of the plant:**  
Waste water treatment plant of Massa
- **Place of installation:**  
Massa (Italy)
- **Client:**  
Massa Municipality
- **Specific data:**
  - population served: 60,000 inhabitants equivalent
  - average flow: 750 cm/h
  - maximum flow: 1,500 cm/h
  - BOD5 at input: 4,140 kg /day
  - nitrogen at input: 1,080 kg/h
  - phosphorus upon entrance: 215 kg/day
- **Scope of the contract:**
  - “Turnkey” realisation of the plant, operation and maintenance of the plant for two years



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