

**SECONDARY ALUMINIUM  
AND ITS ALLOYS**

# **SCRAP DECOATER**

**Complete Units for Aluminium Recovery  
from Scrap & Residues**



 **Engitec** Technologies S.p.A.



# ALUMINIUM RECOVERY FROM SCRAP & RESIDUES



- Salt slag treatment and recovery plants.
- Plants for pre-treatment of turnings, casting scrap and UBC including decoating.
- Various types of smelting and homogenization furnaces.
- Ingot and billet casting systems.
- Slag milling plants.
- Anti pollution plants for process fumes.

Oily and painted scrap are efficiently cleaned before being melted.

The **Engitec's Scrap Decoater** cleans the scrap from oil, grease and painting in a high efficient energy system.

The scrap is automatically fed with the proper set rate into the burning chamber and discharged clean into the receiving bin.

The gas developed during the combustion is recirculated to recover the waste heat, after proper afterburning, to meet the most stringent environmental regulation.

A sophisticated control system guarantees the safe operations maintaining the conditions under the explosion limits.

# SALT SOLUTIONS, SLUDGE AND WASTES



Plants for evaporation and crystallisation, with multistage or mechanical vapour recompression system, for the production of sodium sulphate and sodium and /or potassium chloride salts.

 **Engitec** Technologies S.p.A.

VIA BORSELLINO E FALCONE, 31  
20026 NOVATE MILANESE (MI) - ITALY  
TEL. +39 02.38207.1 - FAX +39 02.3562086  
info@engitec.com - www.engitec.com