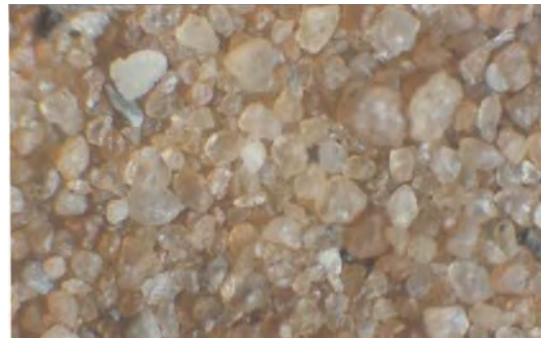


Another example for the utilisation of the fluidised bed technology is the recycling of foundry sand:



▲ Microscopic photo of residual foundry sand



▲ Microscopic photo of regenerated foundry sand

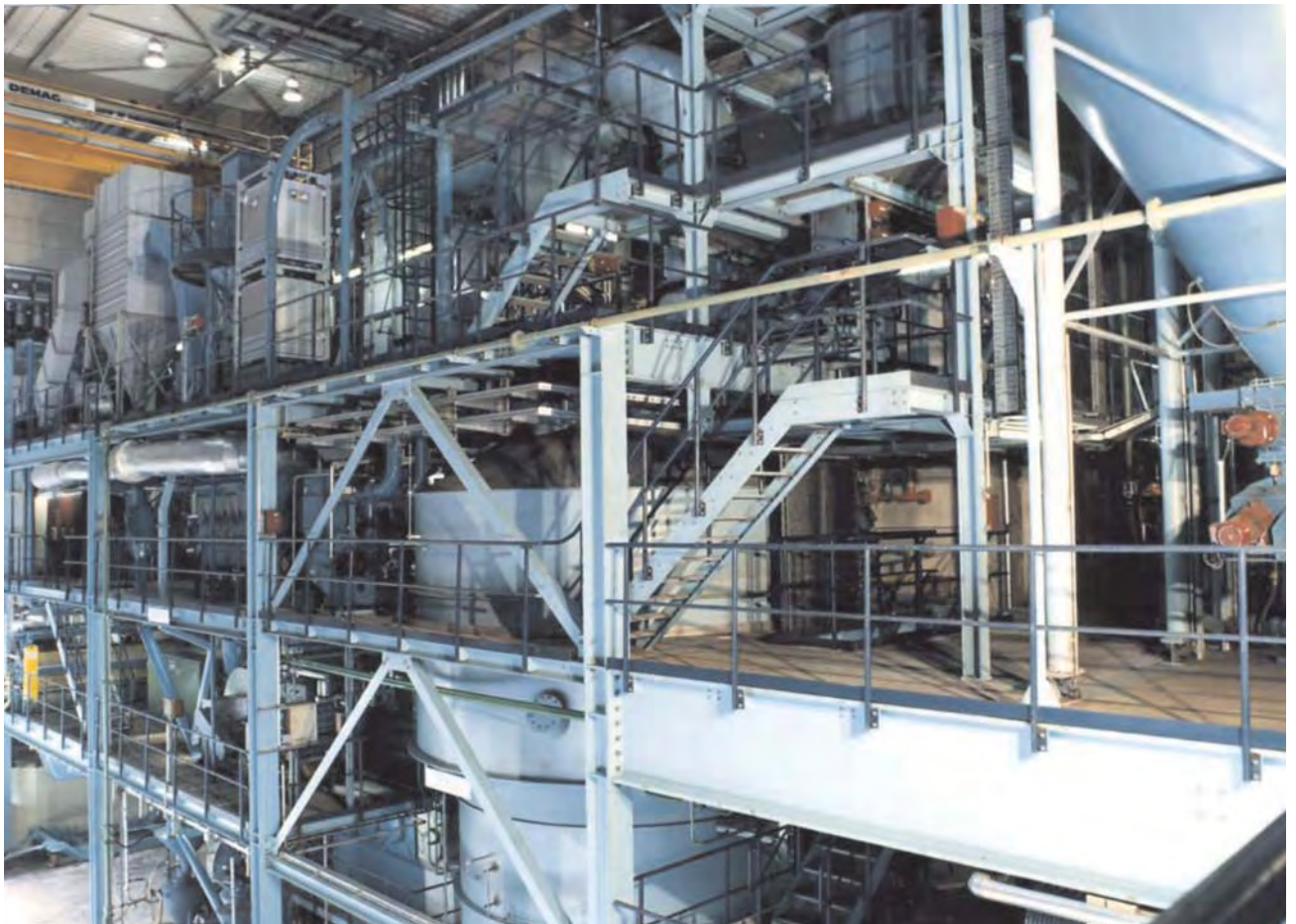
Technical data of the fluidised bed combustor

Inner diameter:	two stages, 3.7 and 5.0 m
Total height:	11 m
Bed temperature:	950 °C
Freeboard temperature:	1050 °C
Throughput:	8 t/h foundry sand

Recycling of foundry sand

The recycling of foundry sand includes the burn-out of hydrocarbons as well as the screen-out of fine dust.

Particularly for these requirements KÜTTNER has developed a process for thermal and mechanical regeneration of foundry sand. The regenerated sand achieves best results for the reuse within the foundry process.



▲ Fluidised bed reactor / thermal regeneration of foundry sand