



## White Fume and Splash Enclosures

### Fixed Enclosure for use with Monorail Hoist System

- Can be removed as a single assembly for ease of kettle change
- Hinged end doors permit double dipping
- Vertical rise and fall side doors extend over full length of kettle for unobstructed access for operators
- Efficient extraction system
- Special roof design to prevent escape of fume from hoist rope slot



### Crane Mounted Enclosure Suspended from Bridge Crane for 'Cross Shop' Layouts

- Vertical rise and fall side doors extend over full length of kettle for unobstructed access for operators
- Efficient extraction system
- Special roof design to prevent fume escape

# Protherm Enclosure - Principle Features

## Structure

**Crane Mounted** for cross shop process tank layouts - Single structure suspended from bridge crane by four flanged connections.

**Fixed** for use with monorail hoist systems – Arranged as single lift off structure for ease of changing kettles.

## Quality Proprietary Equipment

Door Hoists by DEMAG featuring:-

**Totally enclosed electrics**  
**4 stage rotary limit switch**  
**Acid resist paint finish**

## Vertical Rise and Fall Side Doors

**AUTOMATIC OPERATION** from push button controls

Four stage rotary limit switch incorporated in hoist unit provides **ULTIMATE LIMIT PROTECTION** now required by latest safety standards.

**TWO STAGE OPENING** arranged automatically to prevent spillage of fume on opening.

**ARRESTERS** for ultimate protection in the event of door hoist failure.

**HIGH SAFETY FACTOR** on hoist lifting capacity.

**GRAB WIRE** safety system fitted to lower edge of doors in accordance with latest safety requirements.

## Roof Slot Seal System

Incorporates extraction directly from roof slot and rubber seal to prevent fume escape where hoist ropes pass through enclosure roof.

## Internal Lighting

High pressure sodium vapour lamps used for low energy consumption and long life. One fifth power consumption and eight times life of halogen lamps.



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