

Industrial *Engineered* Chimneys

**Van-Packer Company**

# Let Van-Packer Assist You With Your Complete System Design

## **Services**

Chimney Sizing

Freestanding Stack Design

Structural Analysis

Seismic Calculations

Thermal Analysis

Specification Writing

# Products

Freestanding Steel Stacks

Multi-flue Stacks

Base Supported & Braced

Base Supported & Guyed

Other

# Linings

Centrifugally Cast Refractories

Poured Refractories

Polymer Coatings

Organic Coatings

Asphaltic Coatings

Custom

# Applications

Heating Plants

Process Equipment

Industrial Incineration

Hotels/Office Buildings

Institutional

Sewage and Waste Disposal

Municipal Incineration

Engine Exhaust

**All Engineered Chimneys are placed on open flat beds.**



# Base

## Anchorage

This base anchorage allows you to see the metal shims that are required for leveling the chimney.



# Base Anchorage

(2) Templates are fabricated at Van-Packer, one for the jobsite and one for use in manufacturing the base anchorage plates. This assures accurate alignment.





# Jobsite Welding Preparation

**This project has Model HT / Cor-Ten Steel Jackets.  
Joints can be bolt flanged or field welded.**



# Welder on scaffolding while Crane holds upper stack portion in place.



## Multi-Flue

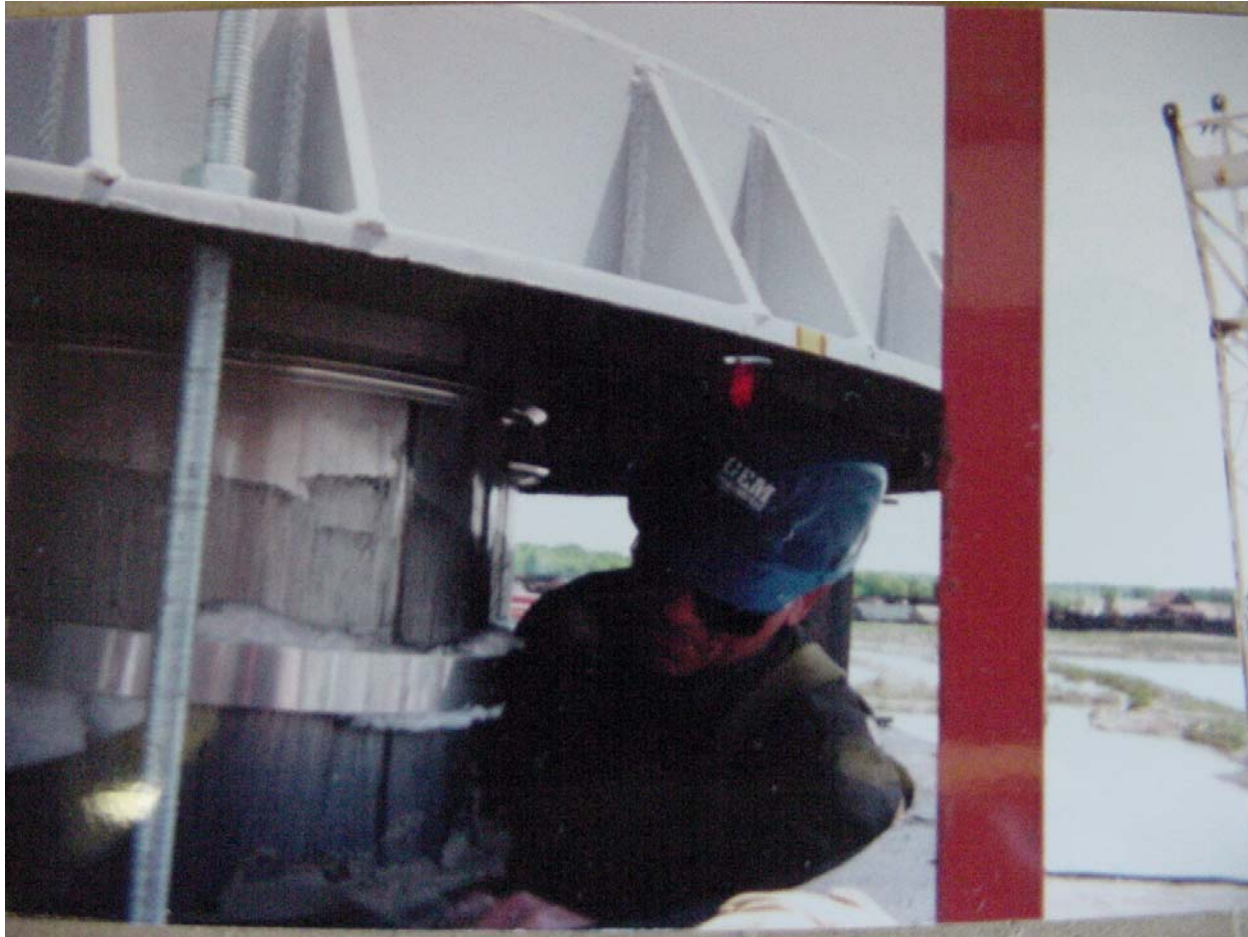
This chimney has (4) Model ES flues inside a single wall jacket.



# Sectional Line-up (Bolt Flange Connection)



**Hi guys, what a site!  
There's room for more.**



# Lifting Ears



# Customers Request

Customer had a hospital logo designed, cut and shipped to Van-Packer.



# Installation

of custom logo was a snap. Don't worry about custom requests.

All Engineered Chimneys are custom within themselves. Each job is unique.





# Wind Spoilers

Some projects require wind spoilers or helical strakes. Depends on stack height and diameter.



# **The Following Is** *For Your Information*

## **Specifications**

We must have a job specification to work from. Even if the spec originally called for double wall steel, there are usually things in it that we should know.

## **Direct Customer Communications**

You, our Sales Representative, are the main contact for the Project Engineer, Architect and or Installing Contractor. Although, there may be times that Van-Packer may be asked to contact these people directly, the primary communication should be between you and your customer.

## Calculations

Engineering calculations, base reaction and drawings will not be released until there is a **PURCHASE ORDER** for the project and the drawings have been approved with no changes.

## Paint

If a special paint is required, paint specifications must be included with the Quote Request. Van-Packer has *the right to deny* special paint request. Finish painting at the factory should be avoided due to damage that occurs during shipping, handling and installation.

## Foundation and Anchor Bolts

Foundation and Anchor Bolt length are both to be designed by the Project Structural Engineer. He/She is most familiar with the local site and soil conditions. Van-Packer will provide the base reactions, bolt quantity, bolt diameter and bolt circle information. This is everything a Project Structural Engineer would need to design the bolt embedment and foundation. NOTE: *Anchor bolts are to be supplied by the Installing Contractor.*

## Drawing Approval

All drawings prepared by Van-Packer require written approval from the Project Engineer. A project *will not be released* without the approval or “Approved as Noted” stamped on the drawing.

## Delivery Schedule

1. Engineering design requires 2-3 weeks, after the receipt of the Purchase Order.
2. Manufacturing drawings require 1-2 weeks, after approval of engineering.
3. Fabrication requires 8-12 weeks after receipt of final approved manufacturing drawings. Note: *Multi-Flue Chimneys may take longer than 12 weeks.*



## Notes:

1. Please be advised that approval drawings are required and are necessary. The fabrication schedule will begin, only when these drawings are approved and received in the Buda, Illinois office.

2. Lack of required information is the number one cause of delays. An estimated delivery date can be given when you release your Purchase Order based on these time frames and current in-house orders.



**Thanks You**