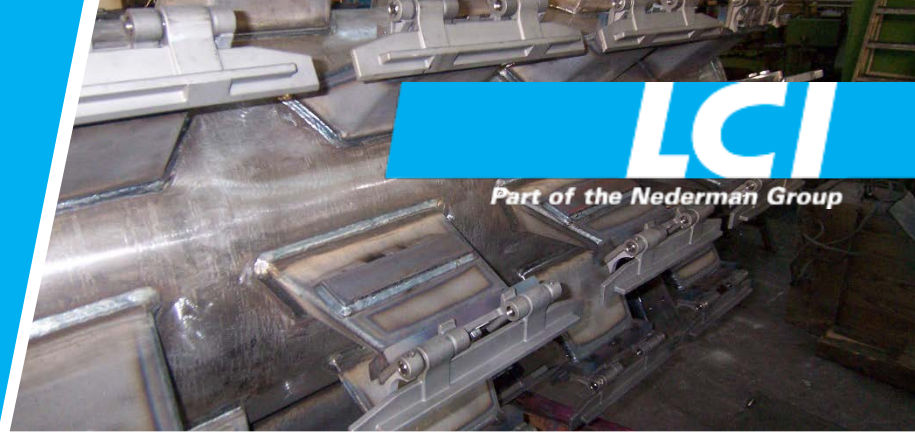


LCI Thin Film Evaporation

Vertical Dryers

PRODUCT: Preowned CP1800

KEY BENEFIT: Solvent Recovery



LCI Thin-Film Drying Technology

Available now!

Preowned CP-1800

Save time and cost by purchasing an LCI preowned vertical thin film dryer.

Please call LCI for pricing.



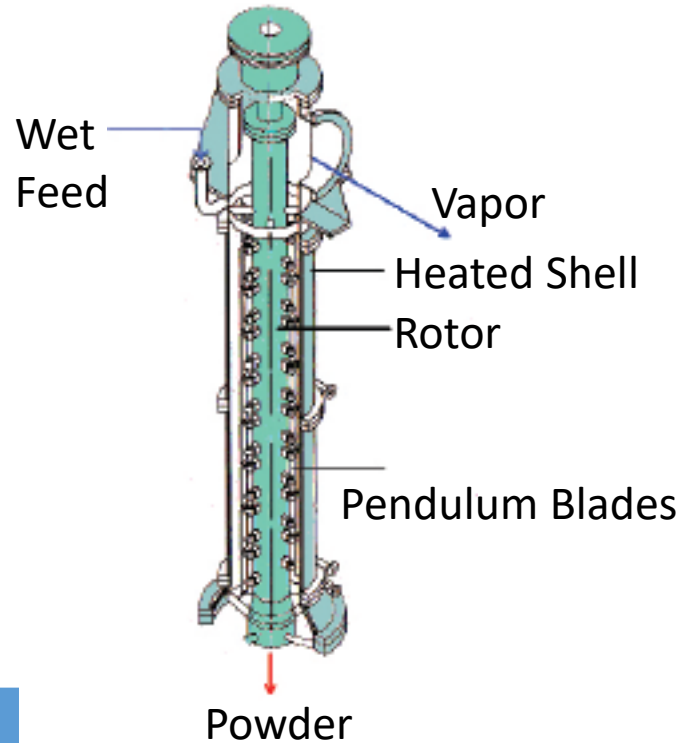
Vertical configuration provides reliable, efficient processing of slurries, solutions, and suspensions to free-flowing powders.



Year of Manufacture:	2007
Heat Transfer Surface:	18 m ²
Rotor:	Metal wiper/dryer blades
Design Code:	ASME VIII Div. 1
Design process side:	Full Vacuum to 50 psig- at 750°F
Design heating side:	FV-250 psig at 406° F Steam AND FV-125 psig at 750°F Hot oil (baffled)
Overall height:	37 ft & 7 inches
Overall weight (empty):	41,226 lbs
Material product side:	SA 516 GR.70
Material heating jacket:	SA 516 GR.70
Motor Power:	60 Hp / 460 VAC/3phase/60 Hz/1800

Features:

- Dilute feed materials dry to free-flowing solids in a single pass- a one step operation- that eliminates several process steps
- Thermal degradation of heat sensitive or hazardous products minimized by low residence time “indirect contact” drying
- Suitable for viscous products
- Fouling of the thermal surface eliminated by scraping action of pendulum blades
- Fully enclosed design to treat explosive, toxic and hazardous substances
- Indirect contact drying eliminates the need for off gas which increases efficiency and decreases condenser or scrubber load compared to direct contact drying



Typical Applications	
Solvent Recovery	Ammonium Sulfate
Glycerin Recovery	Silane Drying
Waste Sludge	Chemical Intermediates
Sodium Lauryl Sulfate	Carbonates, Phosphates
Organic Pigments or Paint	Silicon, Silicon Carbide
Fine Chemicals	Agrochemicals
Wastewater and Spent Liquors	Boron Carbide, Boron Nitride



Zero clearance pendulum blade designed specifically for thin-film drying