

Vincent



CP/VP Screw Press



◆ **The Vincent Screw Press** is a continuous dewatering press, custom engineered for your application.

◆ The Vincent Press handles materials often considered unpressable, accepts variable feed rates and has **low** operating and maintenance costs.

◆ The CP/VP model screw presses are most commonly used in the following applications, but are not limited to this list:

Pulp and Paper
Corn Wet Milling
Citrus Peel
Spent Brewers Grain
Fruit and Veg. Juicing
Cellulosic Ethanol
Cooker Crumb
Spent Coffee
Tobacco
Pectin
Xanthan Gum
Nutraceuticals
SPC
Bioresin
Etc...



➔ **This VP-24 was built for Corn Wet Milling and is equipped with the optional inlet hopper screen.**



The CP-4 lab screw press is our most popular model. Results with it can be scaled to larger presses.



➔ **The VP-24 screw presses are used in dewatering tobacco stems and dust.**



- ◆ The screw rotates inside a screen, forcing liquid through this screen. The screens are built with stainless steel profile bar (wedgewire) or reinforced perforated sheets.



→ The VP screw press is used in both virgin and recycle mills to press waste streams and screen rejects.



- ◆ The screw has a graduated pitch with interrupted flighting to maximize dewatering and prevent co-rotation when paired with resistor teeth.



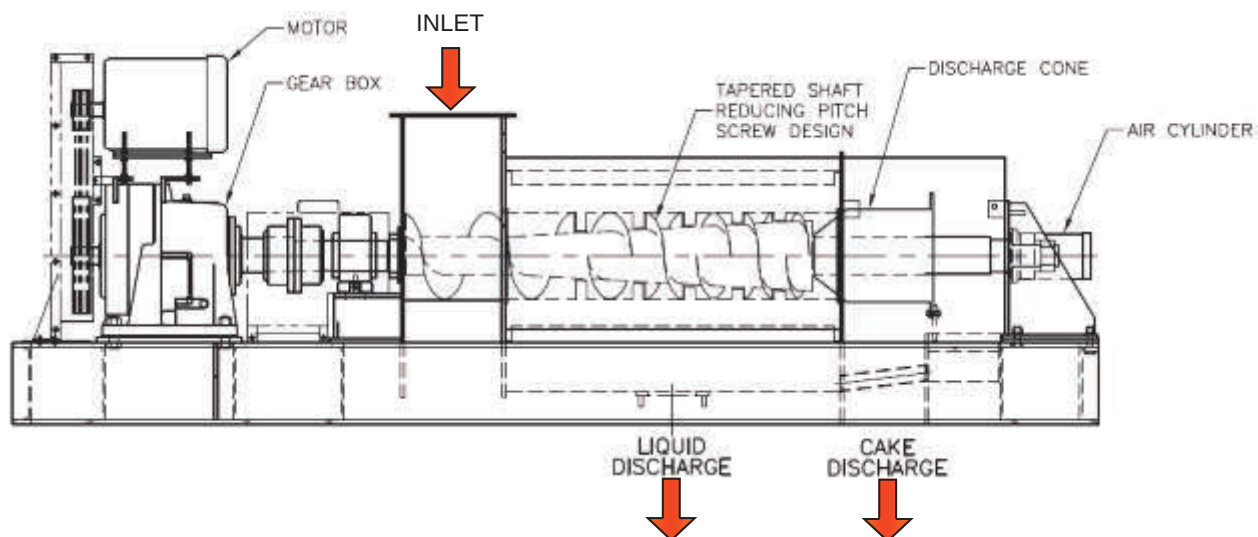
All of Vincent's screw presses can be made vapor tight and ATEX certified. This VP-24 is used in a pectin application. →

- ◆ Press cake moisture is controlled by a discharge cone, actuated by an air cylinder. This provides an additional level of dewatering control only offered by Vincent.



→ All of Vincent's screw presses are made in America. Note this CP-10 has the CIP spray system option.

Vincent
CORPORATION



Vincent Corporation specializes in the design, engineering and manufacture of screw presses. The company was founded in 1931 and is today **the number one producer** of screw presses in North America. Vincent presses can be found in over fifty countries and in over 200 applications described on our website.

The Series VP presses use a foot-mounted gearbox, while the Series CP's use a hollow-bore gearbox. All

gearboxes are rated for high torque applications. Dilute materials can be pumped directly into the screw press. Sometimes pre-thickening improves performance, typically with a Vincent VDS static screen.

Vincent maintains a very large fleet of rental presses. These are available for on-site testing and demonstration. Samples are run at our Tampa factory at no charge.

Model	Capacity**		Screw RPM	Motor HP	Length Feet	Width Feet	Height Feet	Weight Lbs
	TPD, DS	Lbs/HR						
CP-4	0.5-1	150-500	30	2	4	1.2	2	500
CP-6	2-4	300-1,000	20	5	7.5	1.5	2.5	1,000
CP-10	5-10	1,500-5,000	16	15	11	2	3	2,700
CP-12	10-20	4,000-16,000	15	20	13	2.5	4	5,000
VP-16	20-45	15,000-30,000	10	30	20	3.5	5	12,000
VP-22	30-85	20,000-65,000	9	50	22	4.5	5.5	25,000
VP-24	40-100	30,000-80,000	9	60	23	5	5.5	30,000
VP-30	60-150	50,000-120,000	7	100	26	8	7	60,000

****Subject to feed consistency, bulk density or on-site testing.**

Vincent
CORPORATION

For more information, visit our website at www.VincentCorp.com, and browse through pictures, products, technical papers, and much more. Vincent Engineers are available by phone at 813-248-2650, to answer your technical or sales inquiries. Feel free to come and visit our facilities in Tampa, Florida.

Tampa, Florida, USA • Tel. 813-248-2650 • www.VincentCorp.com