

VINCENT



KP SCREW PRESS



Note the Longer Screen on the KP-16L



Fiber Filter as Pre-Thickener for KP-6



**Drum Screen Pre-Thickening
Flow to Pair of KP-16s**



Dual KP-16s on Dairy Manure



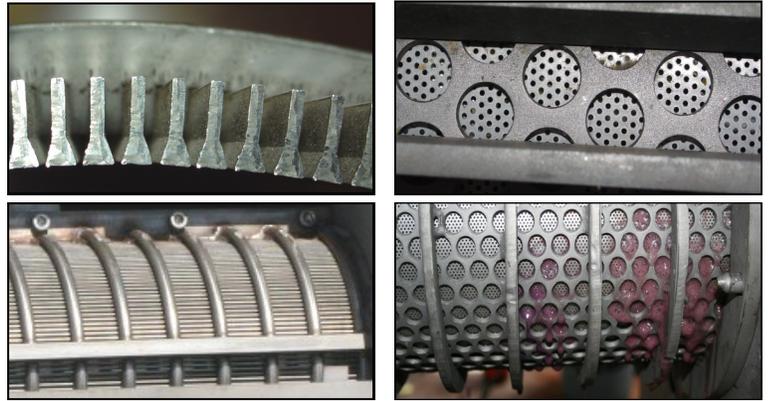
Shredder at Press Inlet



KP-16 with Level Sensor for Speed Control



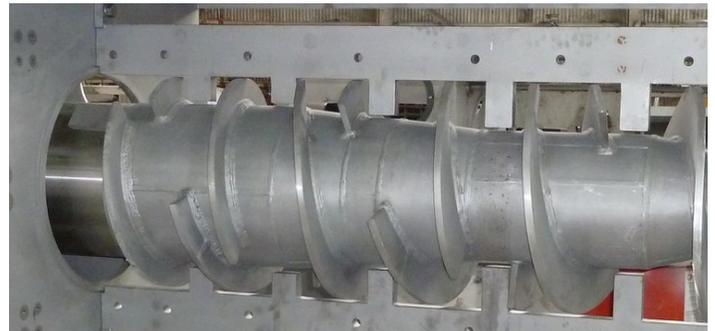
KP-10 at Plastics Recycler



Stainless Steel Wedgewire (L) and Reinforced Perforated (R) Screens



Trio of KP-24s on Corn Fiber



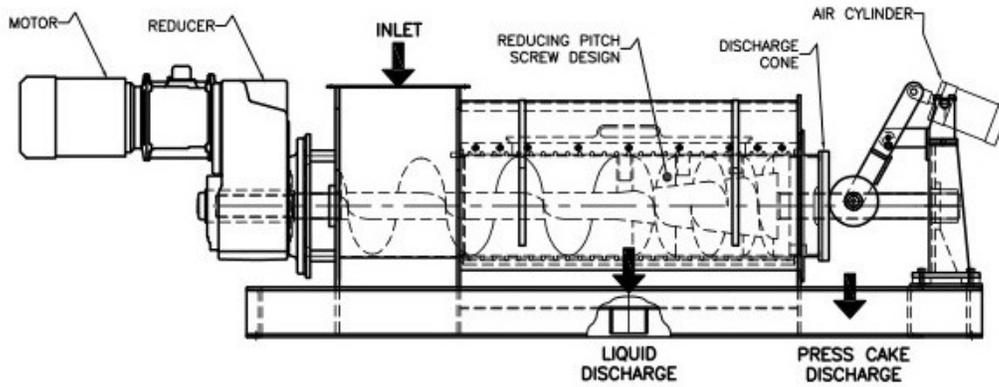
KP-L Screw with Tapered Shaft, Reducing Pitch, Interrupted Flights and Resistor Teeth



KP-6 Fed by Sidehill Screen



Air Cylinder Actuated Discharge Cone Controls Press Cake Moisture



Vincent Corporation specializes in the design, engineering, and manufacture of screw presses. The company was founded in 1931 and is today **the number one provider** of screw presses in North America. Vincent presses can be found in over fifty countries and in over 200 applications, many described at www.vincentcorp.com.

The Series KP presses use a hollow-bore gearbox rated for 24/7 service. Dilute materials can be pumped directly into the screw press or pre-thickened to improve performance, typically with a

Vincent VDS parabolic sidehill screen or a Vincent Fiber Filter.

In 2013, Vincent added the KP-L series. These presses have the same configuration, but with a longer screw and screen, useful for materials that are more challenging to dewater.

Vincent maintains a large fleet of rental presses that are available for on-site testing and demonstration. Alternatively, our engineers will run samples in a laboratory-sized press at our factory at no charge.

Model	Capacity* pounds/hr	Screw Speed RPM	Motor HP	Length feet	Width feet	Height feet	Weight pounds
KP-6	300 - 1,000	16 - 24	2 - 5	6.5	1.5	2	900
KP-10 KP-10L	1,500 - 5,000	17 - 28	5 - 15	9.5 10	2	3	2,200 2,750
KP-12 KP-12L	4,000 - 16,000	22	10-20	11.5 12	2.5	3	3,500 4,200
KP-16 KP-16L	15,000 - 30,000	17 - 26	15 - 20	13.5 14	3	3.5	4,500 6,000
KP-24 KP-24L	30,000 - 80,000	15 - 27	30 - 60	19.5 21.5	5	5.5	14,000 16,800
KP-30 KP-30L	50,000 - 120,000	26	40-100	25 26.5	6	6.5	26,000 32,000

*Capacities are our best estimate based on current applications. Capacities will change based on material, consistency, bulk density, viscosity, etc. Trials are recommended to determine throughput capacity for a production-sized machine.



For more information, visit our website at www.vincentcorp.com and browse through pictures, product descriptions, technical papers, and more. Vincent Engineers are available by phone at 813-248-2650 to answer your inquiries. Feel free to come by and visit us in Tampa, Florida, where we have been in operation since our founding in 1931.

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