

Sludge Pumps

iKSP Piston Pump



intelligent Design

Electric drive screw feeder run off a VFD allows for the same variable speed control as the standard KSP pump series.

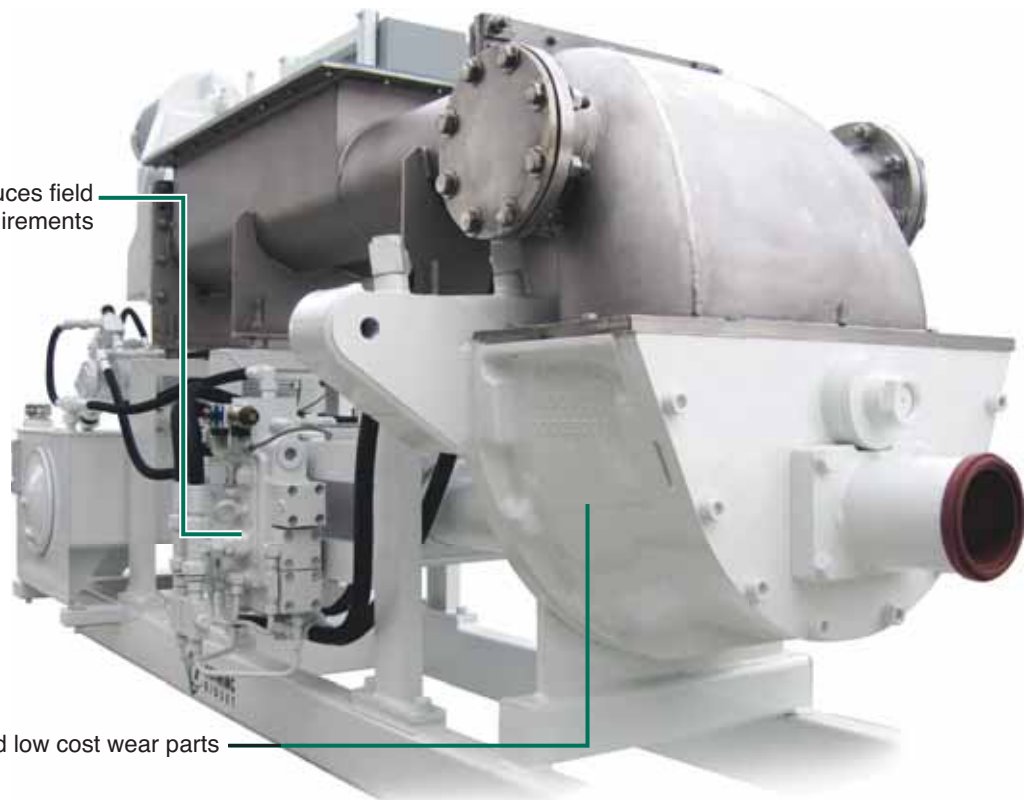
Controls at the pump, only power supply is required.



Integrated skid mounted unit allows for quick and simple installation

Hydraulic power pack mounted on skid eliminates field tubing installation needs

Simplified hydraulics reduces field installation requirements



Easy to service and low cost wear parts

inspiration Defined

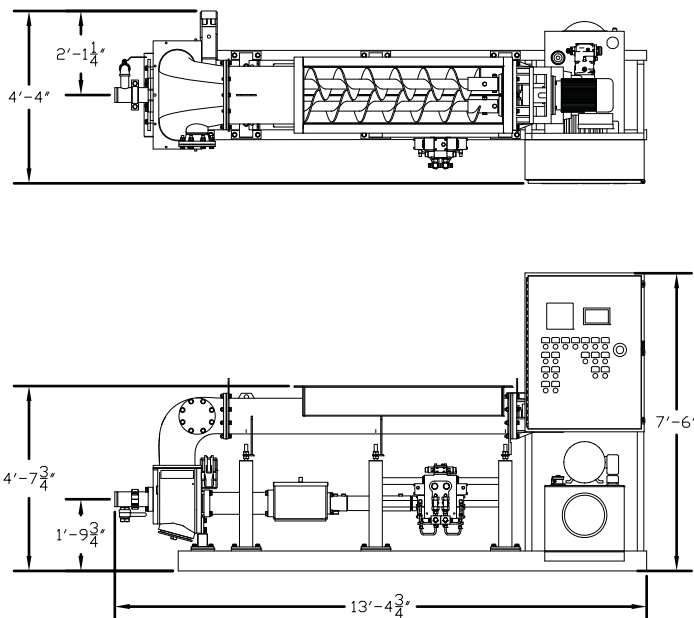
The iKSP series pump is an innovative and logical next step in the evolution of the durable KSP series piston pumps. With numerous KSP units in operation for over twenty years in high solid, high pressure applications, Schwing Bioset engineers turned their attention to the development of a more affordable pump that would live up to the same high standards of reliability as the KSP series. This objective was the inspiration behind the design of the iKSP pumps. Built from the same rugged materials as the KSP pumps, the iKSP is ideal for bio-solid pumping applications with lower pressure requirements.

Features:

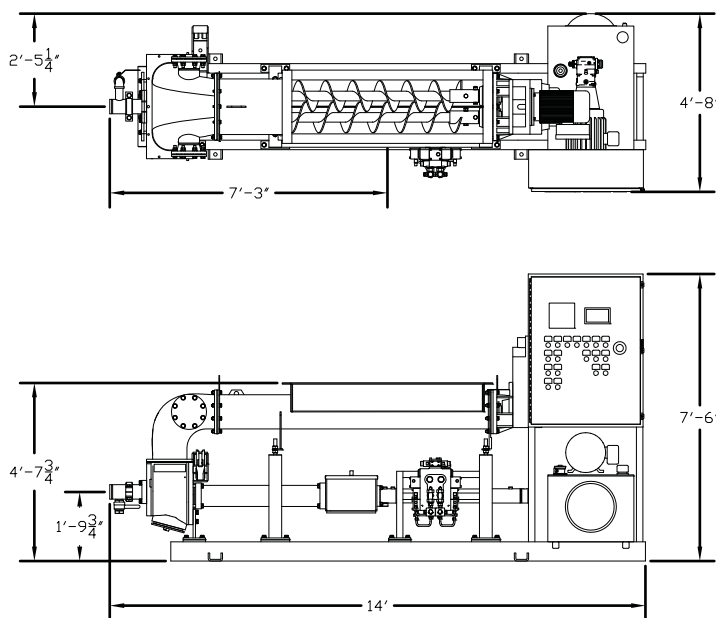
- Positive displacement piston pump
- Electrically-driven screw feeder
- Integrated power pack eliminates field hydraulic tubing connections
- Simplified control system
- Simplified maintenance requirements
- Low-cost wear parts

Pump Model	Units	iKSP 10	iKSP 17
Delivery capacity max.	GPM	30	60
Delivery capacity min.	GPM	2	4
Pumping cylinder capacity	Gallons	2.3	4.6
Pumping cylinder diameter	Inches	5.9	5.9
Pumping cylinder stroke length	Inches	19.7	39.4
Screw inlet opening width	Inches	17	17
Screw inlet opening length	Inches	78.7	78.7
Screw speed min / max	RPM	0-40	0-40
Screw flight diameter	Inches	9.8	9.8
Weight (approximate)	Pounds	5600	5900

iKSP 10



iKSP 17



iKSP

A Name You Can Trust

Piston Pumps



Schwing Bioset, Inc. is the recognized leader in sludge pump technology. SBI units pump dewatered biosolids from Presses and Centrifuges with dry solids content up to 55%. These versatile pumps were born in the concrete industry, but have been used successfully in wastewater plants since the mid 1980's.

Fluid Bed Dryer



Schwing Bioset's fluid bed dryer offers a thermally efficient means of producing dust-free Class A biosolids. The automated system allows for unattended operation, and produces a very simple product to store, transport, and apply.

Operating & Marketing Services



Schwing Bioset's partnership with Biosolids Distribution Services Inc. creates the unique ability to offer complete handling solutions with engineering, equipment, and distribution of Class A biosolids, responsibly offered by a single provider.

Sliding Frame



Sliding Frame systems, whether used as truck receiving, truck loading, or as intermediate storage, offer a flexible means of storing dewatered solids while eliminating bridging. The flexible design allows for numerous process configurations.

Screw Press Dewatering



Schwing Bioset's Screw Press provides excellent dewatering capabilities with a system that is virtually maintenance free, and can be run unattended.

Bioset Process



Schwing Bioset offers the Bioset lime stabilization process, which is approved to EPA's 503 regulations. The Bioset process provides municipalities a low cost Class A system that is affordable to operate and easy to maintain.

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