



Serving up a feast

Rotary Lobe Pumps for Prepared Foods



Media

- Additives
- Baby Food
- Edible Oils
- Fruit Puree
- Meat Chunks
- Jam
- Petfood
- Sauces
- Soups
- Toppings



Application

- Batch Cooking
- Continuous Cooking
- Filling
- Processing
- Storage
- Thickening
- Transfer



As a recognised market leader in pumping technology SSP has been at the forefront of supplying rotary lobe pumps to numerous prepared food processes for over 50 years.

From low to high viscosity pumped media, SSP rotary lobe pumps with their characteristic smooth, low shear pumping action are ideal for delicate media and organic solids in suspension.

The SSP Advantage

- **Hygienic construction**
Non-contacting pumphead design with all metallic pumped media wetted components manufactured in 316L stainless steel.
- **Cost effective easy maintenance**
Low running and maintenance costs and easy access to pumphead minimising downtime, results in a reduced lifecycle cost (LCC).
- **Low shear pumping**
Minimal damage to extremely shear sensitive media.
- **CIP/SIP ability**
Temperatures up to 200°C.

- **EHEDG accreditation**
SSP Series S, X and L pumps are EHEDG accredited for the highest level of cleanability
- **FDA compliance**
Can be made available with FDA compliant product wetted parts.
- **USA 3-A sanitary standard conformity**



Series S pump on filling application

Rotary Lobe Pumps - *Right first time, every time*

SSP offers the broadest range of rotary lobe pumps available in the world today, channelled exclusively through a selected worldwide distribution network, and directly from the company's production facility located in Eastbourne, England.

Series L

SSP Series L stainless steel rotary lobe pumps provide the simple solution to many processes.

- Flow rates up to 48 m³/h
- Differential pressures up to 8 bar
- Port sizes 40 - 80 mm



Series S

SSP Series S stainless steel rotary lobe pumps suitable for a variety of process and transfer applications.

- Flow rates up to 106 m³/h
- Differential pressures up to 20 bar
- Port sizes 25 - 150 mm



Series X

SSP Series X stainless steel rotary lobe pumps provide the ultimate in clean pumping.

- Flow rates up to 115 m³/h
- Differential pressures up to 15 bar
- Port sizes 25 - 150 mm



Rheology Testing

In specifying a rotary lobe pump for a particular application, a crucial consideration is an understanding of how the pumped media will behave in the pump, connecting pipe work and associated equipment.

Our on-site laboratory is equipped with a computerised rheometer to be able to determine a fluids viscous behaviour. As the only rotary lobe pump manufacture in Europe with this facility that we know of, we feel this service is invaluable ensuring our philosophy of right first time, every time.

Solids Handling

Series S pumps can be fitted with Bi-lobe rotors generally used for handling delicate suspended solids where minimum product damage is required.

Application Experience

When you approach SSP for advice, you get access to the largest accumulation of processing expertise and application know-how in the world. With our unrivalled application experience you can be sure the SSP pump specified will be the right one for the job. First time, every time.

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Alfa Laval reserves the right to change specifications without prior notification.

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