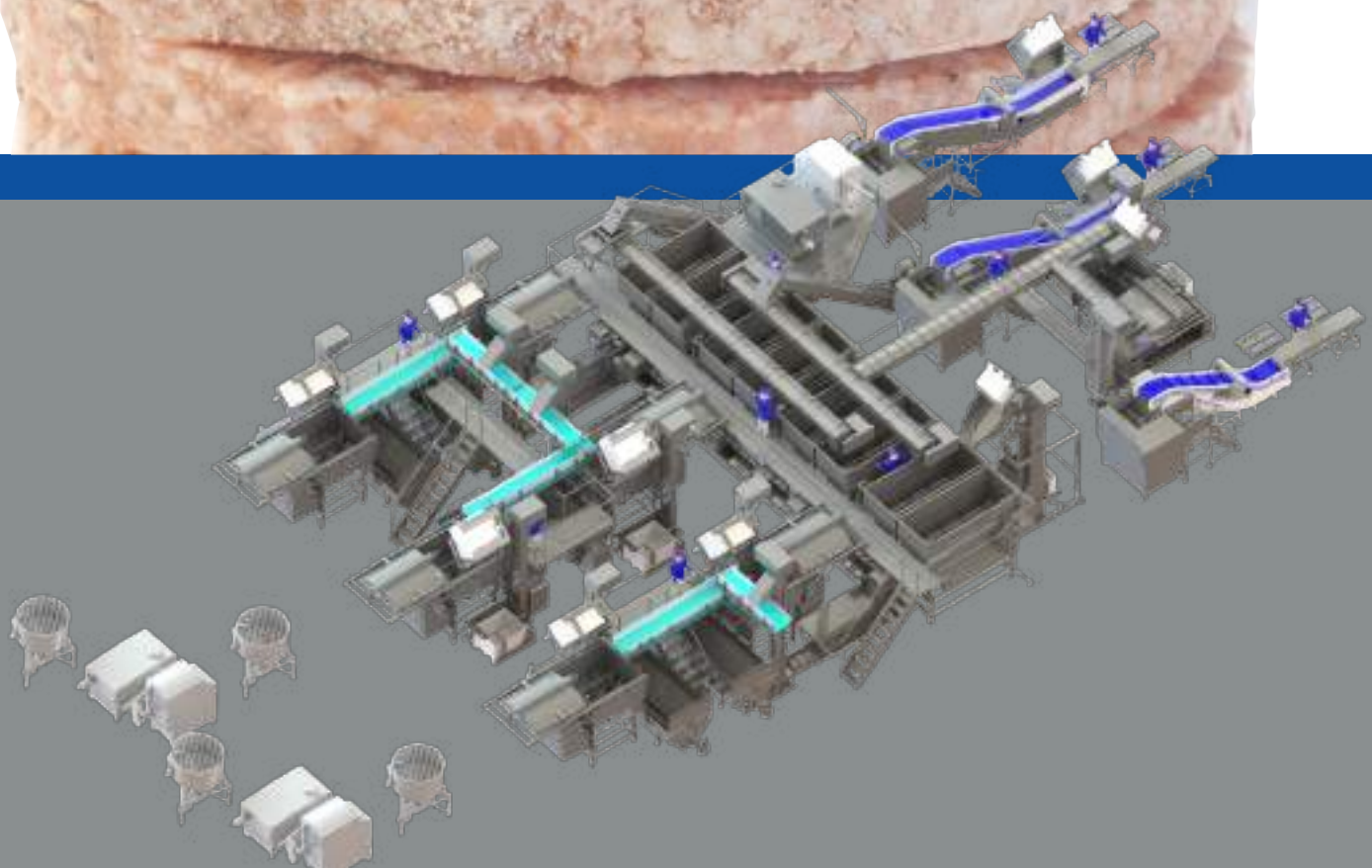
Food Machinery and Solutions by

scansteel®
foodtech



Pumps

SUPERPUMPS SP 200 / SP 250 / SP 290

The scansteel foodtech® SuperPump series comprises 3 (three) different pump sizes. Correct choice of pump depends on several factors such as, but not limited to, pump capacity, material to be pumped, temperature, viscosity, and particle size – from pre-ground meat raw material to half a pork carcass. One significant feature is the double discharge outlet which dramatically minimizes (eliminates) fluctuations in pump capacity. Pump motors are designed according to pump application.

1 Infeed Buffer/Hopper Solution

Example of scansteel foodtech® SuperPump SP 2500 L silo/buffer hopper with stirring/feeding device with SuperPump SP 200.

2500 L silo/buffer hopper with stirring/feeding device. The stirring device feeds product to the centre for discharge into SuperPump SP 200.

The transmission of a SuperPump consists of individual planetary gear box and electric motor.

Pump transmission.

SUPERPUMPS SP 200 / SP 250 / SP 290

2 Infeed Buffer/Hopper Solution

Example of scansteel foodtech® SuperPump SP 290 with 300 liter infeed hopper with anti-bridging feeding device. Suited for pump applications where sparse footprint is available.

SuperPump SP 290 infeed hopper shown with rotating feeding device for feeding screw.

3 Infeed Buffer/Hopper Solution

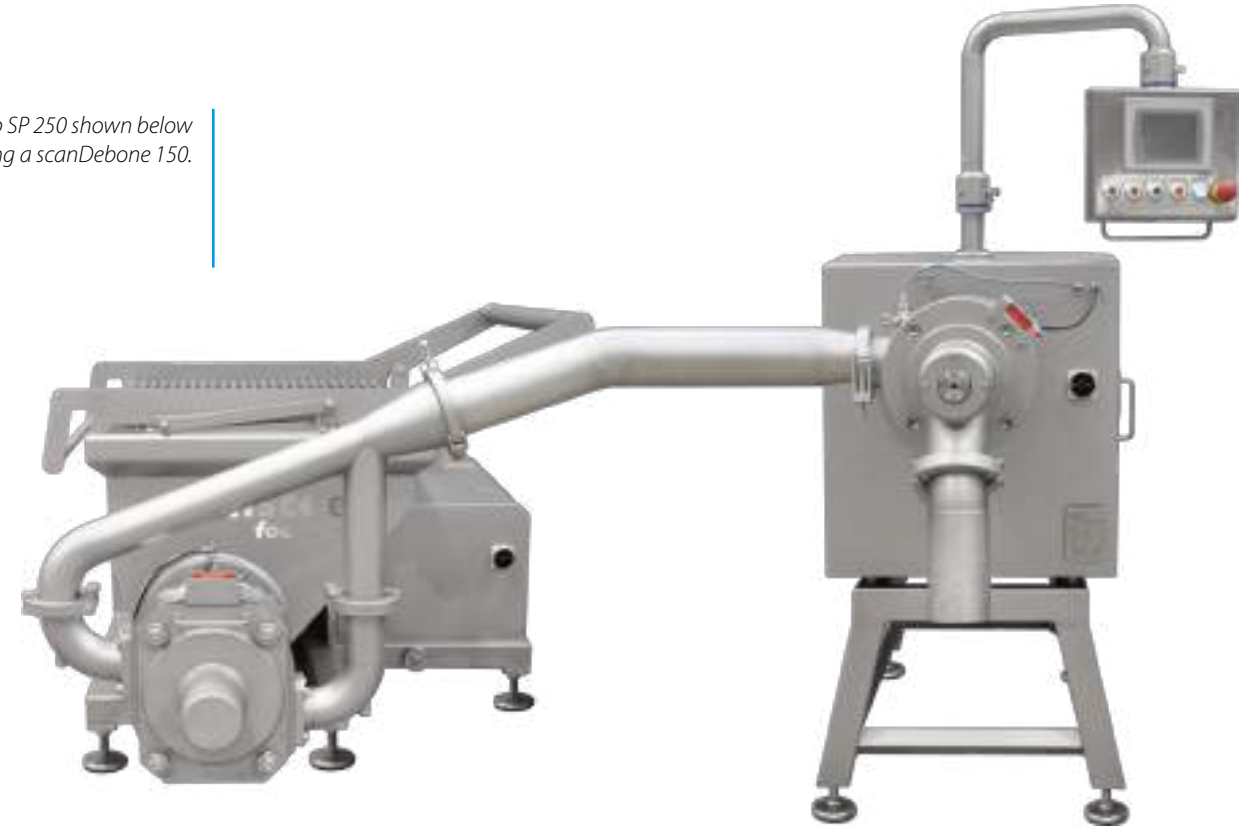
SuperPump SP 290 with 3300 liter storage/buffer hopper.

SUPERPUMPS SP 200 / SP 250 / SP 290

4 Infeed Hopper Solution

SuperPump SP 250 with 250 liter hopper.

Superpump SP 250 shown below feeding a scanDebone 150.



Pumps

SUPERPUMPS SP 200 / SP 250 / SP 290

SuperPump solution being fed directly by frozen block grinder. Example: blocks ground through frozen block grinder, through final hole plate from Ø6 mm to Ø30 mm according to customer request.

SuperPump SP 290 showing double pump discharge.

Side view of SuperPump SP 290.

Pump housing.

PUMP HEAD ASSEMBLY:

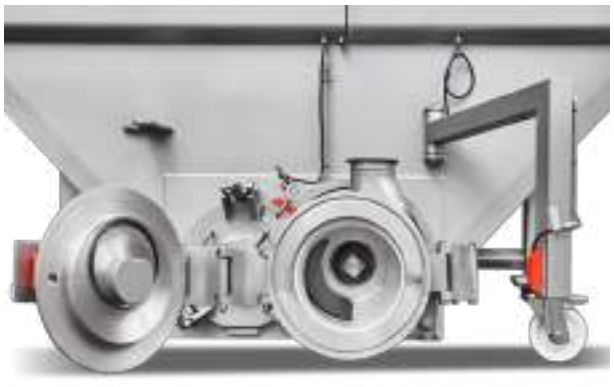
Pumps

CONTIPUMPS 250/500 L – 10,000 L

The scansteel foodtech® ContiPump series is for less Heavy Duty applications such as, but not limited to, pet food pre-mixes being fed into an emulsifier as well as for various buffer/storage/silo applications. The buffer hopper comes in 2 (two) versions: one single feeding screw or twin (two) feeding screws, where one screw feeds/drives the ContiPump while the other prevents/limits bridge building.

ContiPump 4000/250 Twin Screw. Shown fully assembled ready for production. Shown with all safety rails in position.

ContiPump 4000/250 Twin Screw. The operator panel is shown together with a level control.

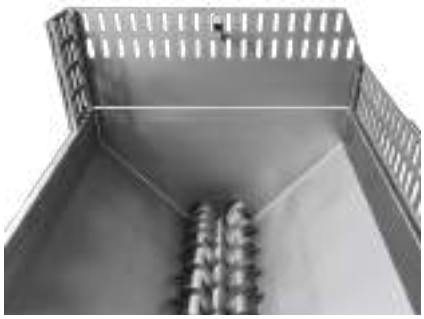


ContiPump pump housing, hinged.

Shown above: Close-up of pump housing and side panel for second screw. Both designed for easy assembly/disassembly.

CONTIPUMPS 250/500 L – 10,000 L

Accessory/cleaning trolley for ContiPump.



Inside view of ContiPump 4000/250 Twin Screw. Can also be supplied with top stirring device.

The scansteel foodtech® ContiPump series has been designed in such a way that the unit can function as a stand alone pump or, as shown above, can be designed to fully be integrated as part of an integrated solution with the scansteel foodtech® ContiPump and the scansteel foodtech® mixer series. In order to secure full hygiene solutions as well as having full access to both the mixer(s) and ContiPump for inspection/maintenance. The scansteel foodtech® ContiPumps can be placed on a "rail system" which makes it fully possible for a person to separate the ContiPump and mixer. At the same time, during production, the ContiPump is secure in "running position" in such a way that the ContiPump cannot be moved.

Pumps

CONTIPUMPS 250/500 L – 10,000 L

scansteel foodtech® ContiPump series comes in many different infeed hopper designs. Below shows a ContiPump 250 being fed by a scansteel foodtech Mixer/Grinder.

Pumps

TWIN SHAFT FEEDER

The scansteel foodtech® Twin Shaft Feeder (TSF) has been designed for very accurate dosing of meat raw materials, including slurry. The TSF is placed on load cells for accurate dosing of both very stiff and cold products as well as more liquid meat raw materials. The spiral feeding wing ensures accurate and continuous feeding of the twin screws which feed directly into any kind of pump. The twin screws are in mesh with each other to contribute to accurate dosing.

Close up view of twin screws, front view. Another use is simply read.

Top view and inside look of the TSF. Both the twin screws and the feeding wing are shown.

Close up view of twin screws, top view.