

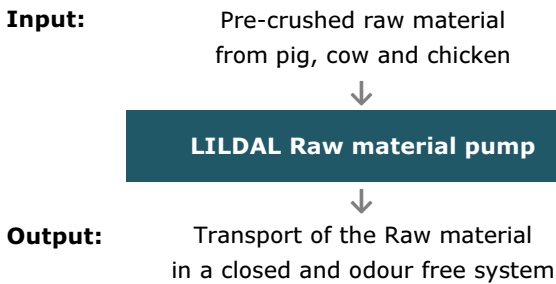


Raw material pump



Raw material pump erected in Spain

Process



Design Features	Customer Benefits
Heavy-duty and relatively simple construction	Maintenance costs will be held at a minimum
Compact construction	Low space requirements making the unit easier to place
Closed pump circuit	Odours will be reduced
Packing bush	Optimized operation
Heavy-duty non-return valve	Prevents damage on pump and production stops
Vacuum valve	Enables air supply for cleaning preventing production stops
3 sensors for piston position	Fully control of pump operation giving stable operation

Designed for

There are two ways to transport raw material from the raw material silo to the rendering processing machinery. By pump or by screw conveyor.

The Hydraulic operated Raw material pump from Lildal offers two large advantages compared to a screw conveyor system.

The first advantage is that it is a closed system and odours from the rendering process will be reduced considerably.

The second advantage is the space requirements because the piping to and from the pump can be placed much more flexible than by using a screw conveyor making the planning and designing of the rendering plant much easier. Also by placement in existing rendering plants will the smaller place requirements be a big advantage.

The pump is furthermore a heavy-duty and relatively simple construction with few moving parts reducing the maintenance costs to a minimum.

The capacity of the pump depends on the share of bones in the pre-crushed raw material but it will normally be able to pump the raw material 50-100 m.

If it is pure fat and soft offal will the pump range be much higher.

Distributor/ Agent



Productinfo

Raw material pump, continued



Raw material pump

Technical specifications

Dimensions

Type Lildal 350/10/30

Main dimensions (L x W x H in mm)

3.770 x 800 x 860

Type Lildal 550/20/55

Main dimensions (L x W x H in mm)

5.000 x 1.000 x 1000

Capacity

Type Lildal 350/10/30

15-20 m³/hr.

Type Lildal 550/20/55

25-30 m³/hr.

For other capacities, please ask



Hydraulic unit for the Raw material pump

Configuration

Standard

High capacity and energy optimized

hydraulic unit

Heavy-duty Non-return valve

Vacuum valve for cleaning with air

3 sensors registering piston position

Packing bush

Certification

The pump is CE-marked in accordance

with the Machinery Directive 2006/42/EC

We are constantly developing our products

for the Rendering business and all products

can be customized in accordance

with the customers requirements



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