

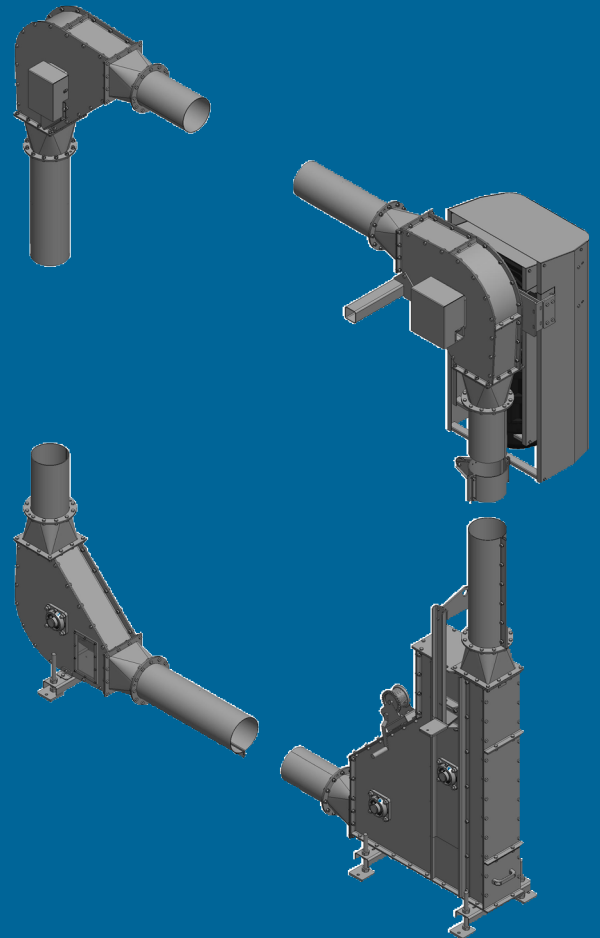


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SØBY  
**Grain Pump  
Loop  
SG60-SG175**

SØBY GRAIN PUMP LOOP SG, is a chain conveyor produced in round tube with heavy-duty chain and synthetic flights that combines the horizontal and vertical transport of grain crops and free-flowing bulk materials in a single machine.



## Grain Pump Loop SG60-SG175

Can replace several traditional machines, which in many cases leads to simplified design and savings in terms of project engineering, installation, electronic control systems, energy consumption, operation and maintenance.

### Scope of application

SØBY Grain Pump Loop SG60-SG175 is ideal for use in the filling and emptying of flat storage buildings and silos. Furthermore, it is possible to move grain between silos.

### Basic machine SG60-SG175

- Drive terminal with helical bevel geared motor incl. rain cover
- Direct drive with Nordgear
- Chain speed  
SG60/SG100: 1,67 m/sec  
SG175: 1,79 m/sec
- All corners are made in galvanised steel, and bolted together
- Corners and tensioning section with adjustable feet
- Automatic chain tension
- Chain type  
SG60: 81X  
SG100/SG175: 81XHH
- Backstop
- Rotation sensor
- Free span up to 10 m

### Material thicknesses

#### SG60-SG175:

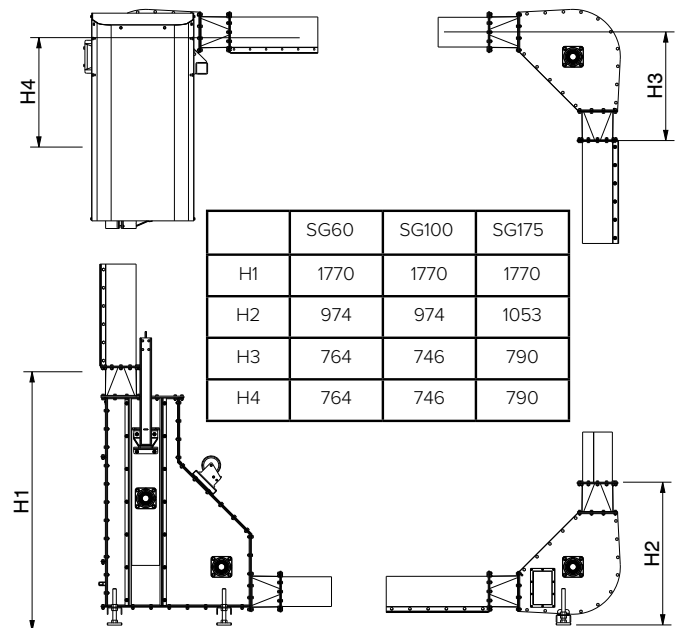
- Corners  
SG60: 4 mm  
SG100/SG175: 5 mm
- Tubes  
SG60: Ø168x3 mm  
SG100: Ø205x3 mm  
SG175: Ø254x3 mm
- Paddles  
SG60/SG100: 10 mm  
SG175: 12 mm

### Extra equipment SG60-SG175:

- Inlet  
SG60: Q24  
SG100/SG175: Q30
- Outlet  
SG60: Q20  
SG100: Q24  
SG175: Q30
- Intermediate outlet with 1.30 m open. Manual or electrical operation
- Silo outlet with manual or electrical operation
- Platform, free-standing tower support, supports and catwalks
- Chain with noise reduced paddles

### Capacity

- SG60: 60 t/h
  - SG100: 100 t/h
  - SG175: 175 t/h
- In dry and cleaned grain 0,75 t/m<sup>3</sup>



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