

SPIRALS



Läckeby Products has more than 50 years' experience of dimensioning and producing shaftless spirals. Spirals are developed and dimensioned for efficient transport and minimal maintenance.

Function

The shaftless spiral is particularly suitable for transport of materials that tend to tangle with, and stick to, a shafted spiral. Materials with variable particle sizes and irregular shapes can also be transported without problem using shaftless spirals. Shaftless spirals reduce maintenance needs, as they can work filled to a far greater degree.

Technical features

- No central shaft
- Even pitch over the entire spiral
- Robust design

Process benefits

- Enhances efficiency of transport and reduces wear
- Minimises maintenance needs
- Extends service life of the screw conveyor

Applications

- Fuels: wood chips, straw, sawdust, wood dust, peat, pellets, carbon
- Waste matter: sludge, slaughterhouse waste, garbage, ashes, metal grindings
- Food products: grain, powder, sugar, salt, flour, meal, various waste products
- Paper and pulp: knot handling, pulp, fibre sludge, wood chips, bark, sand, screenings
- Recycled paper: pulper reject, heavy reject, fibre sludge, screenings

Design

As standard, spirals are manufactured in black material, stainless steel or acid-proof steel. Läckeby Products makes single, double and triple spirals, as well as spirals with various reinforcements. Flat steel in dimensions from 10x3 mm up to 100x30 mm is used for spiral production. The manufacturing technique creates a finished spiral with an equal pitch over its entire length. Spirals can be made with outer diameters up to 860 mm.



Spirals with various outer diameters and pitches.

Standard flat steel

50x12	50x15	
60x12	60x15	60x20
70x15	70x20	
80x10	80x20	80x25
100x20	100x30	

References

Läckeby Products has more than 50 years' experience of dimensioning and manufacturing shaftless spirals, and has supplied more than 100,000 spirals worldwide.

Läckeby Products develops, designs and manufactures spirals. Coordinated expertise and production ensures high quality service and delivery. Läckeby Products can also participate in the planning stage and take on responsibility for everything from dimensioning to installation. Through our involvement at the planning stage, we can offer a total process guarantee.

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