



CHAIN CONVEYORS



Specialist in

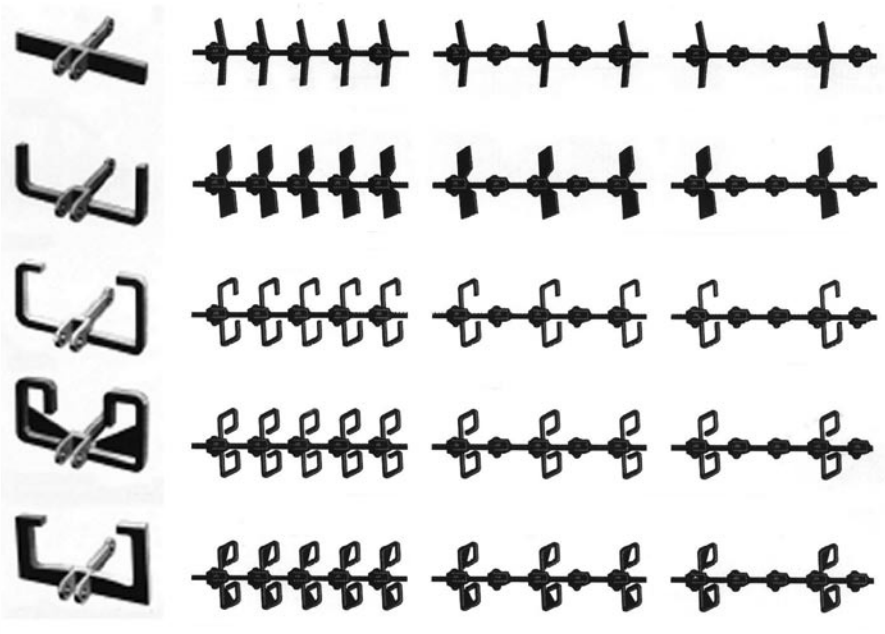
bulk material handling with particular expertise in
flat bottom silo and bunker designs.

In conjunction with our silo and bunker systems, Saxlund International has developed an extensive knowledge of chain and screw conveyor design technology over many years.

These conveyors are capable of handling the same range of difficult and non free-flowing bulk solids with which our group is generally associated. Today our conveyors are used in the water,

wood board, cement, power generation, alternative energy and many other industries worldwide. The bulk material is fed in at the inlet/bottom end where the chain tensioning station is also fitted. The conveying chain runs on a special wear resistant floor and conveys the material through the upper or lower section to the discharge opening where it is discharged to a silo inlet or to a following conveyor. The drive station is also installed at this

outlet end. The construction type of the conveyor chain is chosen and adapted according to the specific bulk material to be transported. All chain links are manufactured from high grade drop forged steel. Some materials are conveyed in the lower strand and others in the upper strand according to their characteristics.



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Section through typical sludge cake chain with UHMW polyethylene lining and manganese steel wear strips to give extended life.



Saxlund products for silo and conveying technology:

- Solids Handling Pumps • Troughed Chain Conveyors
- Screw Conveyors • Combustion Plants
- Sliding Frames • Control Systems
- Push Floors • Rotary Valves
- Elevators • Tubefeeders

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