

The Knowledge Bank at The Ohio State University
Ohio State Engineer

Title: Handling and Conveying Machinery : A Sideways-Curving Conveyor Chain

Issue Date: Oct-1931

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 15, no. 1 (October, 1931), 24.

URI: <http://hdl.handle.net/1811/34836>

Appears in Collections: [Ohio State Engineer: Volume 15, no. 1 \(October, 1931\)](#)

HANDLING AND CONVEYING MACHINERY
A SIDEWISE-CURVING CONVEYOR CHAIN

The Link-Belt Company has placed on the market a conveyor chain so constructed that it will curve sidewise around corners and S-curves. It is said that it will travel in a horizontal plane around curves of 90 to 100 degrees with perfect freedom under full load, and with a curve of a radius as small as 24 in. Due to the chain's flexibility it may be used on sprockets as small as $7\frac{1}{2}$ in. pitch diameter. The chain is of the pintle type. The barrel of the link contains a universal joint which permits the sidewise flexing of the chain. (*Link Belt News*, May 1931, p. 7, 3 figs., d.)