

## ORIGA RODLESS CYLINDERS AT WORK

### **Problem**

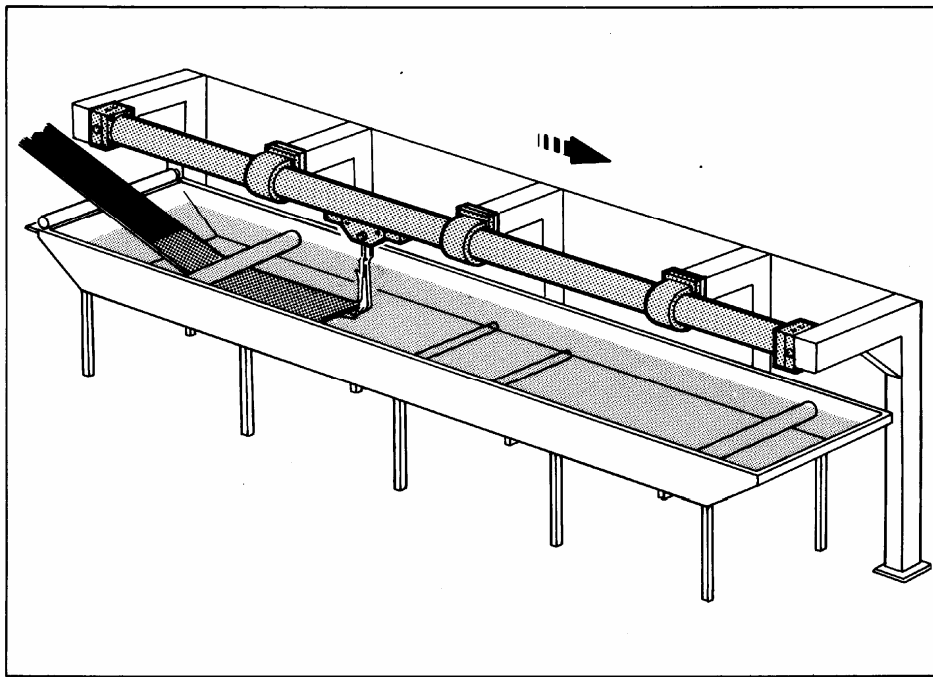
A major tyre manufacturing company required to semi-automate the process for cooling extruded rubber by drawing it through a tank full of water. Previously this had been a labour intensive manual task resulting in uneven pull and constant product rejection.

### **Solution**

The design engineer of the company had the innovative idea of attaching a pair of mole grips to the piston yoke of a 63mm diameter, 5,500mm stroke Origa Rodless Cylinder mounted longitudinally over the centre of the tank. This enabled a constant pull with an even drawing motion of the rubber through the water and required only one operator to attach the grips to the product.

### **Results**

By using Origa Rodless Cylinders in this application, the company designed an effective cost and space saving, semi-automatic handling machine. Maintenance downtime was reduced to a minimum and installation costs were low, factors that weighed against chain drive alternatives.



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