

# Integrated Pipe-Handling And Rack Lift System

Autoquip Innovative Lift System Solutions



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## Project Challenge:

Jet Stream, a leading supplier of plastic pipe for irrigation and sewer systems was looking to improve inefficiencies in their production processes. They wanted to gain better control of their pipe loading and binding process by reducing the manual tasks and integrating material handling equipment that would do the hard work for them. No, small task due to the enormity in size of the pipes and the reorienting requirements coming out of fabrication to get them ready for stacking and binding.

## Growth & Impact



Integrated Lift Systems



Solving complex application challenges



Efficient integrations with existing equipment

# Integrated Pipe-Handling And Rack Lift System

Seamless integration with existing equipment.

## Our Solution:

Autoquip designed and built a multiple lift system that works together with the customer's existing equipment to create a fully integrated manufacturing processing line. A single pipe is transferred out of fabrication onto a conveyor that loads the pipe to a lift & turn scissor lift table. The lift & turn system lifts the pipe then rotates it before shuttling to the rack system where the pipe rolls along the rails to another scissor lift table with fixture. The pipe is loaded on top of fixture and the process is repeated until (3) or more pipes are stacked together for the binding process.



## The Result:

We made what was a hard, labor-intensive process simple with a multiple lift system that integrates into their processes and works along with their existing equipment for a seamless operation.