Devils Backbone Gantry Design and Analysis

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The brewing process at Devils Backbone Brewing Company involves the use of a centrifugal separator to remove all solids from the final beer. To avoid clogging and contamination, the separator is dissembled and thoroughly cleaned. The current disassembly process involves using a forklift to remove a 2500 pound hood off the separator and transport it nine feet to a nearby cleaning station. The design team from VMI was tasked with designing a

