

## Case Study Telescoping Bridge

# Telescopes reduce handling and gives safer lift.



### Features/Benefits Provided:

- Ease of operation.
- Fewer lifts save time.
- Safer lifts Reduces risk of injury.
- Saving time and Reducing injury saves money.

**An automotive manufacturer in the US had a problem with overlapping work zones.** When a part required rework it was taken off the line and placed in a pick station. Then the repair station would reach out beyond the envelope of its system, pick the part and swing it back into the repair area. After the repair were complete the part would be pushed back out to the pick station to be placed back into the assembly process.

The problem with this process is two fold. During the picking process the hoist was exceeding the proper fleet angle which will promote the load to swing, sometimes uncontrollably. This was an accident waiting to happen. Second after the repairs were made the effort required to push the part back out to the pick station was unacceptable.

After looking at the process it was decided that an ETA-8 Telescope would assist this process greatly. It was concluded that the telescope could pick the part off the conveyor and take it directly to the repair area. When the repairs were complete it could be replaced on the line or placed in the pick station to be returned to the line at the next available interval. All to be accomplished with the proper lifting angle. No swinging load and fewer lifts required.

*“This operation changed from an accident waiting to happen to a smooth and safe one”*



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