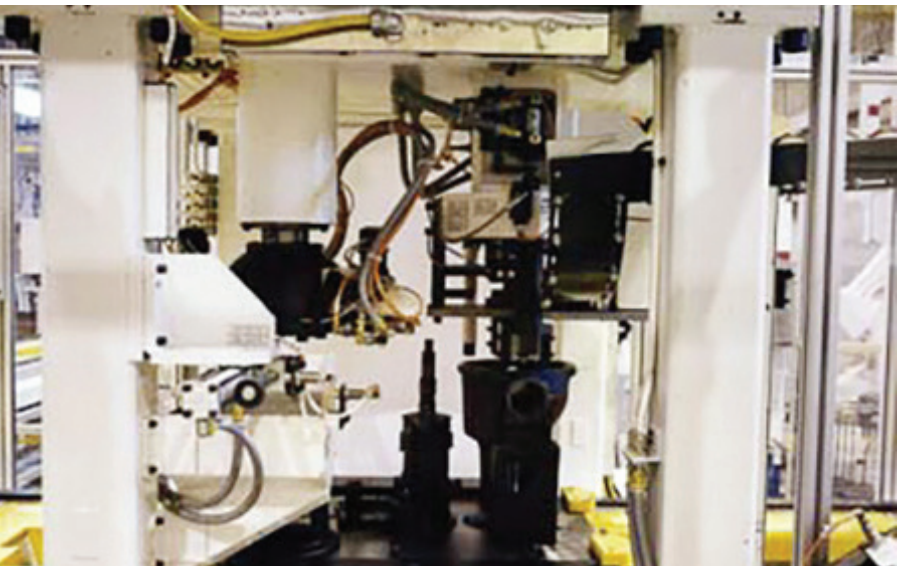
ROBOTICS

9-1/4” Rear Axle Assembly System



Facts	
Industry	Automotive OEM
Product	Rear Axle
Installation Date	1997
Description	9-1/4” rear axle assembly system for customer. This system produces the rear axle assembly for a four wheel drive vehicle. A single loop non-synchronous power roll MS-7 transport delivery system assembles ten (10) different models.
Equipment	5 robots 21 automatic stations 2 semi-automatic stations 6 manual work stations 550 ft. line length 18,0002 ft area
Customer Benefits	Kitted material on pallets minimizes floor dunnage and eliminates feeders High speed MS-7 conveyor system provides for fast cycle times Automatic adjuster nut run-in and set backlash stations

Facts	
Technical Data	Capacity: 675,000/year Cycle time: 18 seconds
Unique Elements:	Integrated differential case build
Customer Provided Equipment	N/A
Project/Steps to Implementation	Concept Specification Prototype Engineering Project management Manufacturing Installation supervision Installation Training
Project Responsibility:	Powertrain
Video/Photos/Reference:	Yes

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