

Leaf Spring Lift Assist – Easy Arm



Problem

Operators at a major automotive manufacturing company were at high risk of injury by manually lifting 75-pound leaf springs from storage and placing them into assembly fixtures.

Solution

IMS provided a custom designed lift assist system consisting of a magnetic gripper and a Gorbel G-Force Intelligent lift with "Slide Handle Controls". The device was suspended from a Gorbel "Easy Arm" articulating jib.

Results

The IMS provided system allows the operator to lift the 75-pound leaf springs at "zero gravity. This system eliminates fatigue and greatly reduces the risk of operator injury.

Please contact us to learn more about this system or how we may be able to assist with your current or future manufacturing applications.