

Machining Center Load Lift Assist – G-Force Easy Arm



Problem

A major international manufacturing company brought a machining operation in-house which required operators to load 60-pound billets into a CNC machine. Parts were too heavy for manual handling.

Solution

IMS provided a custom designed lift assist system consisting of a Gorbet Easy Arm Intelligent lift with “hub mounted force sensing controls” and a custom pneumatic end effector with 180-degree powered rotation.

Results

This custom solution allows operators to load the 60-pound billets at “Zero Gravity”. This system greatly reduces the risk of injury associated with manual handling.



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

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