



Automobile Suspension Installation Easier with Easy Arm®

Industry:
Automotive Assembly

Product:
Suspensions

The Problem:
Suspension assembly switches
between two designs quickly

The Solution:
Gorbel Free Standing Easy Arm®



Easy Arm® Provides Superior Control and Speed During Assembly Process

When an automobile manufacturer decided to build two different automobile models at one assembly plant in Turkey, they knew they needed to improve their processes. They had recently installed a system of G-Force Q 660's to solve a similar problem with cockpit loading and they knew they could count on Gorbel.

The suspension assembly area required workers to switch between two different designs very quickly as the assembly speed required the installation of nearly 50 suspensions per hour. A solution capable of adapting to the constant changes in the assembly process was crucial. Originally, the company had been using an old pneumatic loader but the poor speed, lack of control, and difficulty adapting to the changing weights of the suspensions left workers frustrated and slowed production considerably. They needed a more flexible and faster solution.

The company decided on a Free Standing Easy Arm Q 330 lb with 10' reach and 10' height for max. 100 kg front suspension units with a simple inline handle system, and a Free Standing Easy Arm Q 165 lb with 10' reach and 10' height for the 75 kg rear suspension units.

Easy Arm provides the workers with superior control and speed during the assembly process, and the ease of lifting decreases ergonomic issues that can occur in such a fast paced environment.

The workers response to the Easy Arm System has been extremely positive and the company is very happy with the increase in productivity that allowed them to complete an important project in only 5 weeks.