

# Shamrock Systems Provides Solutions to Clean Up a Dirty Manufacturing Process

## About

**Equipment Vendor:** DuroVac

**Industry:** Wall Board

**Product:** Stucco Wall Board

## Customer Comments

The DuroVac-designed system is working so well that the company has purchased a DRV20 Industrial Vacuum for another location in the plant.



## Customer Challenge(s)

Since the manufacturing and production of gypsum wall boards (GWB) is very dusty and dirty, the client sought an efficient way to keep its plant clean during working days.

Various materials must be lifted and dumped into storage hoppers, which creates dust and debris. These ingredients are added to a constant stream of -1 micron stucco, creating more displaced air and dust.

Normally, plant operators use brooms and shovels to gather debris into various chutes throughout the building to keep the working area safe and clean. All debris drops from the various chutes into a common hippo dump hopper.

## Vendor Solution

DuroVac designed a 30 HP PowerLift mobile industrial vacuum cleaner with air pulse filter cleaning to be utilized as a central vacuum cleaner on 90 percent of the working days. For situations that need a mobile vacuum, the machine can move to other locations.

While operating as a central vacuum solution, operators connect their hose and floor tools on any of the plant's floors to collect dust and debris that has accumulated over the day.

All dust is vacuum conveyed to the PowerLift PL30 machine for safe material disposal.

