

Shaw Brothers, Garier Tag Team to Beat the Clock

Shaw Brothers Construction company has a reputation for doing the tough jobs with precision and excellence since 1977. Based in Southern Maine, the company is a major force in processing materials, heavy highway, demolition, recycling, deep excavation and many other types of construction.

One of its many current projects is both exciting and very demanding. One of the largest water bottling plants east of the Mississippi is being erected on a 19-hectare (47 acre) site and it's a "fast track" job. The former potato farm will host a 4.5-hectare (11 acre) building and other associated facilities to produce drinking water that will be consumed by millions of people throughout the world.

Nearly 228,600 meters (250,000 yds.) of sand and loam needed to be moved around and off site within a month from groundbreaking.

Scrapers would have been ideal for this project, but Shaw Brothers don't own any and didn't want to rent them. Its earthmoving fleet consists of more than 100 units and company President Jon Shaw thought he could get the job done using his current inventory if he used a little imagination. The company owns a Cat 350 that can be configured with either a conventional or mass excavator front. What he lacked was the size and style bucket required to move more than 7,315 meters (8,000 yds.) a day with this one machine.

Shaw Brothers has worked on dozens of unusual requirements over the last decade with its supplier National Attachments. After studying the details with Jon Shaw, National Attachments President Scott Guimond concluded Garier should be the bucket producer. Garier had engineered similar buckets for them in the past that were very successful in the field.

Math and circumstances called for a 5.7-cubic-meter (7.5 cu. yd.) light material bailer with a bolt-on-edge vs. teeth. It took two weeks to engineer and produce the bucket that would handle the uncommon, desert-like material.

The 350 loads on-site articulated trucks in two passes and wheelers/tri-axles that haul off site in two and a half passes.

The machine operator said he likes the ease with which the Garier bailer fills and ejects material. Material that needed to remain on site was placed primarily with rubber-tired dozers.

Like Shaw Brothers, Garier and National Attachments are traditional, family-owned companies that specialize in high performance and rapid response.

For more information on Garier products, call National Attachments at 800/839-9981.