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# PORTABLE PLANTS & EQUIPMENT

*Mobile Products for Moving Markets*



# Shark attack

**Taking a bite out of the Gulf Coast's oil-contamination problem **pg 16****

A QUESTEX PUBLICATION

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## Double-duty demolition

An Alaskan contractor tackles twice the work in nearly half the time with a versatile demolition attachment.

On the demolition industry front, Alaska poses unique challenges – in large part owing to the ultra-heavy construction required to withstand the region's extreme environmental factors – everything from impenetrable snow loads to high-magnitude earthquakes. Therefore, Anchorage-based Coldfoot Environmental Services Inc. approaches material removal and facility demolition with comprehensive site assessments, expert engineering and highly effective equipment – all of which came into play when the company was awarded two large, concurrent demolition projects in Valdez, Alaska.

One project involved the complete demolition of a waterfront fish processing plant comprised of structural steel columns and beams with heavy channel reinforcements. The other involved a hospital facility constructed entirely of heavily reinforced concrete with 24-in.-thick slabs, 1.25-in. rebar throughout and ceilings with metal trusses. The hospital project stipulated the extraction of all rebar from the concrete before removal from the site.

Coldfoot owner Rod Rodriguez and his team accessed the situation and purchased an **Allied-Gator** MT Series Multi-Tool Model MTR 20. Mounted to the company's 25-ton excavator, the strategy allowed Coldfoot to cost-effectively remove and recycle two very different structures using one attachment system.

Weighing 4,000 lbs., and featuring Allied-Gator's patented Quick-Change Shear and Cracker/Crusher Jaw Sets, the MTR



20 was instrumental in completing both projects well ahead of schedule. According to Rodriguez, the MT Shear Jaw Set brought down the fish processing facility with a month to spare, saving the company hundreds of man hours that would have been spent torch-cutting the heavy steel structure.

During the demolition and processing of the hospital structure, Coldfoot relied upon the versatility of the Quick-Change Jaw Sets. Although the structure contained a massive amount of reinforced concrete, there were also structural steel components to be removed, requiring the use of both the Shear Jaw Set and the Cracker/Crusher Jaw Set. "We can go from concrete to steel beams with a simple jaw set change, and we could switch back and forth very quickly. Until we were on the job, we didn't realize just how pivotal this feature would be to our success," says Project Manager Ron Tharaldson.

Engineered with a 31-in. jaw opening, the MTR 20 Cracker/Crusher Jaw Set enabled Coldfoot to completely demolish and de-rod all of the concrete onsite, producing more than 11,500 cu. yd. (more than 638 roll-off containers) of processed concrete from the hospital site alone. Rodriguez stresses that Coldfoot was able to demolish the entire concrete structure without the need to replace the MT's interchangeable tooth segments.

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