

demolition

Versatility in Valdez: Coldfoot Environmental uses the Allied-Gator MT™ Series Multi-Tool™*

When Cuauhtemoc "Rod" Rodriguez, owner of Coldfoot Environmental in Anchorage, Alaska, was awarded two large, concurrent demolition projects in Valdez, Alaska, he knew his company would need the most advanced attachment technology available to complete both jobs on time. Coldfoot project manager Ron Tharaldson began researching different attachments and manufacturers in order to overcome the imminent demands of these projects, and they chose the Allied-Gator MT™ Series Multi-Tool™ for its power and proven effectiveness in heavy industrial applications.

Both facilities provided unique challenges due to their ultra-heavy construction to withstand the extreme environmental factors buildings must endure in this Alaskan region. The first project involved the complete demolition of an industrial waterfront facility formerly used as a fish processing plant. This building was located within a few feet of the water's edge and was comprised mainly of structural steel columns and beams with heavy channel reinforcements specifically designed to resist the heavy snow loads this facility's roof was subject to.

On the other side of town, Coldfoot was completing the required environmental remediation and was ready to begin the scheduled demolition of a former Valdez Hospital facility in close proximity to the city's new hospital that was in desperate need for further expansion into the space obstructed by the old facility. Built shortly after the devastating 1964 Alaskan earthquake, this 78,000-sq-ft hospital facility was constructed entirely of heavily reinforced concrete and designed to withstand other earthquakes of the same magnitude. The structure consisted of 24 in. thick slabs, columns and beams with 1.25-in. rebar reinforcements throughout. Even the 8-in. thick concrete walls were filled with rebar, and the ceilings were reinforced with metal trusses.

In order to successfully remove two structures with such

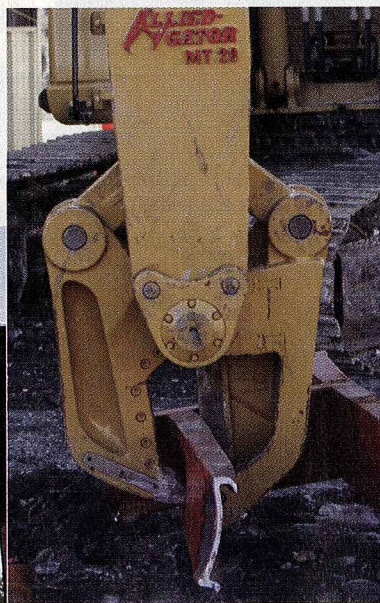
different demands using one small machine, Coldfoot utilized the patented Allied-Gator MT Series Multi-Tool model MTR 20 mounted 3rd member on their 25-ton excavator. The MTR 20 weighs 4,000 lb and features Allied-Gator's patented Quick-Change™ Shear and Cracker/Crusher Jaw Sets that proved instrumental to Coldfoot's early completion of both projects.

Utilizing the MT Shear Jaw Set, Coldfoot was able to bring down the waterfront fish processing plant quickly and efficiently. During this project, Coldfoot relied on the speed and accuracy of the MT to bring down the building skillfully and effectively. According to Tharaldson, the MT saved the company hundreds of man hours that would have been spent torch cutting the heavy steel structure and enabled Coldfoot to finish over a month ahead of schedule.

During the demolition of the hospital structure, Coldfoot began to fully appreciate the versatility of the MT's patented Quick-Change Jaw Sets. Although the structure contained mass amounts of reinforced concrete, there were still some structural steel components to be removed, requiring the use of both the Shear Jaw Set and the Cracker/Crusher Jaw Set. Tharaldson was especially enthusiastic about this unique feature of the MT. He states, "We can go from concrete to steel beams with a simple Jaw Set change, and we can switch back and forth very quickly. Even when we bought the MT, we didn't realize how pivotal this feature would be on our projects."

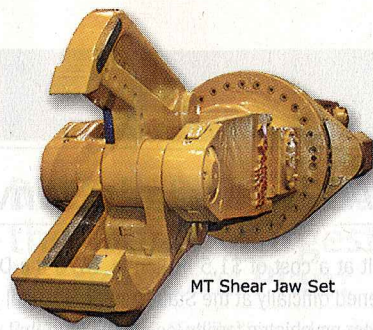
The 4,000 lb MTR 20 with the Cracker/Crusher Jaw Set, with a jaw opening of 31 in., enabled Coldfoot to produce an astounding 11,500 cubic yards (over 638 roll-off containers) of processed concrete from the hospital site alone. More impressive still, Tharaldson explains that Coldfoot was able to demolish the entire concrete structure without the need to replace the MT's interchangeable tooth segments. With this newfound level of productivity and durability, Coldfoot estimates that the Allied-Gator MT saved their company over two months and eliminated over 200 projected machine hours.

With the Allied-Gator MT Series Multi-Tool, Coldfoot Environmental has increased its ability to perform and effectively compete in heavy industrial demolition projects where time, safety and versatility are paramount. Since MTR 20's arrival in Alaska, Coldfoot has never experienced a single breakdown or failure with the MT. This gives them a clear advantage considering the remoteness of Alaskan project locations. Coldfoot's experience is testament to the MT's growing reputation as the most powerful, versatile and durable hydraulic processing attachment available. ■

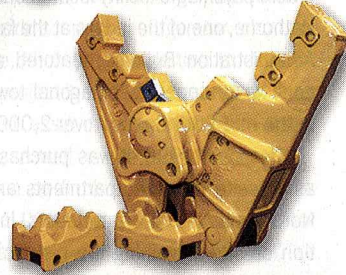


MT[™] SERIES MULTI-TOOL FEATURES:

- Allied-Gator's patented Quick-Change[™] Jaw Sets field-change in as little as 15 minutes, maximizing versatility.
- Exclusive dual-moving jaw design with fixed centerline closure ensures pinpoint accuracy and unparalleled operator control, maximizing overall productivity.
- Patented Allied-Gator Power-Link & Guide[™] System generates a unique power gain throughout jaw closure and delivers unmatched force for both shearing and crushing applications.
- Offered in rotating sizes from 800-52,000 lbs., the MT line accommodates more carriers than any other processing attachment.



MT Shear Jaw Set



MT Cracker/Crusher Jaw Set

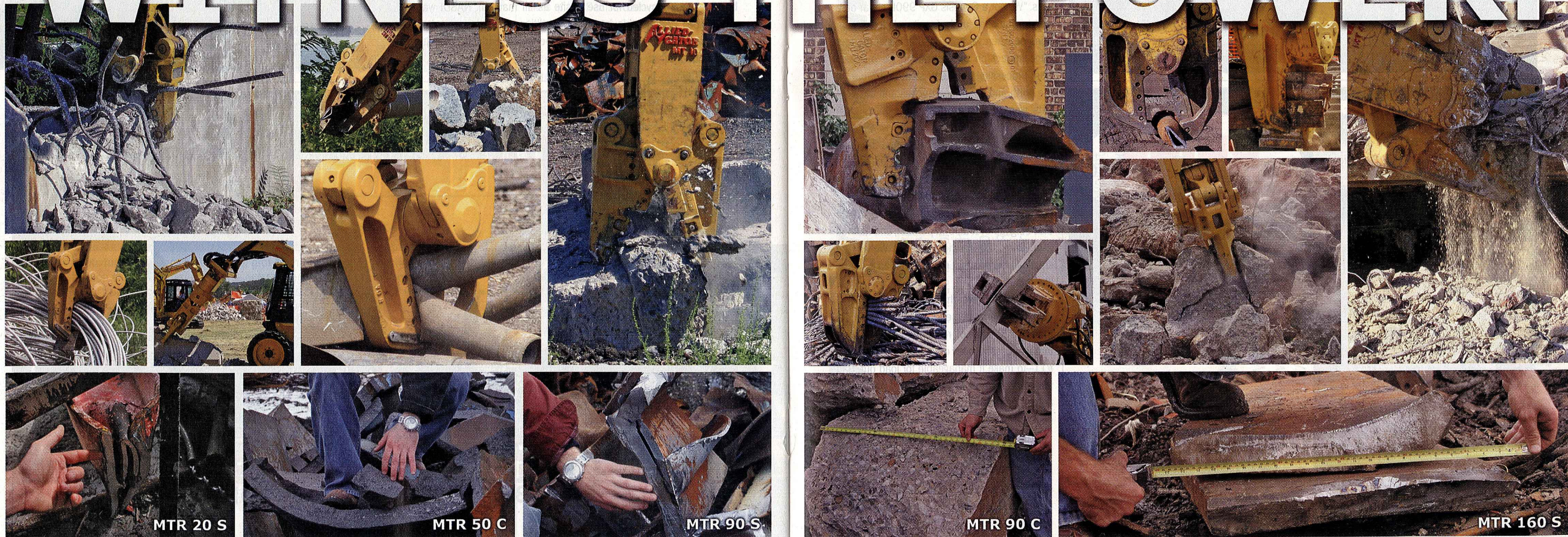
MT[™] SERIES MULTI-TOOL[™]

PATENTED

MT[™] SPECIFICATIONS

Tool Sizes	MTR 5	MTR 10	MTR 15	MTR 20	MTR 40	MTR 50	MTR 70	MTR 90	MTR 100	MTR 160	MTR 180
Weight	800 lbs.	1,325 lbs.	2,700 lbs.	4,000 lbs.	7,000 lbs.	10,000 lbs.	12,500 lbs.	20,000 lbs.	28,000 lbs.	44,000 lbs.	52,000 lbs.
Shear Jaw Opening	10"	12"	16"	18"	24"	28"	32"	35"	38"	42"	48"
Shear Jaw Depth	10"	12"	16"	18"	24"	28"	32"	35"	38"	42"	48"
Cracker/Crusher Jaw Opening	18"	21.25"	27"	31"	38.75"	46"	50.75"	56"	68"	78"	86"
Cracker/Crusher Jaw Depth	12.5"	14.5"	18.5"	21.5"	27.38"	32"	34.75"	39"	47"	54"	64"
Throat Force	140 tons	206 tons	315 tons	425 tons	685 tons	860 tons	1,043 tons	1,500 tons	1,800 tons	2,100 tons	3,100 tons
Cycle Time Close	2 sec.	2 sec.	2 sec.	2 sec.	3 sec.	3 sec.	3.5 sec.	4 sec.	5 sec.	6 sec.	8 sec.
Cycle Time Open	1 sec.	1 sec.	2 sec.	2 sec.	3 sec.	3 sec.	3.5 sec.	3.5 sec.	4 sec.	5 sec.	7 sec.
2nd Member Mount (min)	5,000 lbs. +	7,500 lbs. +	13,500 lbs. +	20,000 lbs. +	37,000 lbs. +	45,000 lbs. +	65,000 lbs. +	100,000 lbs. +	120,000 lbs. +	215,000 lbs. +	250,000 lbs. +
3rd Member Mount (min)	10,000 lbs. +	15,000 lbs. +	26,000 lbs. +	38,000 lbs. +	65,000 lbs. +	85,000 lbs. +	100,000 lbs. +	190,000 lbs. +	200,000 lbs. +	300,000 lbs. +	N/A
Recommended Oil Flow	20 gpm	40 gpm	50 gpm	60 gpm	80 gpm	120 gpm	130 gpm	180 gpm	200 gpm	225 gpm	300 gpm

WITNESS THE POWER.



MTR 20 S

MTR 50 C

MTR 90 S

MTR 90 C

MTR 160 S

ENR

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