



















Allied-Gator, Inc. • 2100 Poland Avenue • Youngstown, Ohio 44502 • U.S.A. 800 624 2867 • www.alliedgator.com • info@alliedgator.com

U.S. and Foreign Patents Issued and Pending



A HISTORY OF INNOVATION

Allied-Gator, Inc. has been committed to serving the demolition and scrap recycling industries for nearly 40 years. The company is and has always been family owned and operated. Beginning its operations in 1973 in a tiny, 900 sq. ft. brick building on Poland Ave. in Youngstown, Ohio, the company has continuously grown, now covering over 320 acres and occupying a 25,000 sq. ft. corporate headquarters and a newly built, state-of-the-art 215,000+ sq. ft. CNC machining facility.



THEN



Allied-Gator customers benefit from the company's long-standing history as a pioneer in the hydraulic attachment and mobile shearing industry. Allied-Gator's innovative technologies and proprietary design features have advanced the hydraulic attachment industry and helped its customers' operations become safer, more productive and more profitable.

NOW: Allied-Gator's 25,000 sq. ft. corporate headquarters and brand-new 215,000+ sq. ft. CNC machining facility located in Youngstown. Ohio U.S.A.



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SIZES / SPECIFICATIONS.

ACCOMMODATE Virtually Any Machine.

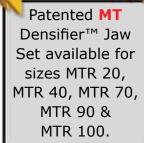
The exceptional power, versatility and productivity of the MT[®] Series Multi-Tool™ are offered in rotating sizes ranging from 800-52,000 lbs. With sizes to accommodate any machine, from skid steers and compacts to the world's largest mass excavators, the MT is offered in more sizes for more configurations than any other processing attachment line.



MT SPECIFICATIONS:

MODEL	MTR 5	MTR 10	MTR 15	MTR 20	MTR 40	MTR 50	MTR 70	MTR 90	MTR 100	MTR 160	MTR 180
MODEL	MIKS	MIK 10	MIK 13	PITK 20	PITK 40	MIK 30	PITK 70	MIK 90	MIK 100	MIK 100	M1K 100
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	10.00"	12.00"	16.00"	18.00"	24.00"	28.00″	32.00"	35.00"	38.00″	42.00"	48.00"
Shear Jaw Depth	10.00"	12.00"	16.00"	18.00"	24.00"	28.00"	32.00"	35.00″	38.00″	42.00"	48.00"
Cracker/Crusher Jaw Opening	18.00"	21.25″	27.00"	31.00"	38.75″	46.00"	50.75"	56.00"	68.00"	78.00"	86.00"
Cracker/Crusher Jaw Depth	12.50"	14.50″	18.50"	21.50"	27.38"	32.00"	34.75″	39.00"	47.00"	54.00"	64.00"
Densifier™ Jaw Opening	-	-	-	49.50"	54.75"	-	74.50"	87.00"	105.50"	-	-
Densifier Jaw Capacity	-	-	-	0.60 CY	1.00 CY	-	2.25 CY	3.00 CY	6.25 CY	-	-
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	1 sec.	1 sec.	2 sec.	2 sec.	3 sec.	3 sec.	3.5 sec.	3.5 sec.	4 sec.	4 sec.	5 sec.
Cycle Time Open	2 sec.	2 sec.	2 sec.	2 sec.	3 sec.	3 sec.	3.5 sec.	3.5 sec.	5 sec.	5 sec.	5 sec.
Min. Carrier Weight 2nd Member Mount**	5,000 lbs.	7,500 lbs.	13,500 lbs.	20,000 lbs.	37,000 lbs.	55,000 lbs.	70,000 lbs.	110,000 lbs.	160,000 lbs.	215,000 lbs.	250,000 lbs.
Min. Carrier Weight 3rd Member Mount**	10,000 lbs.	15,000 lbs.	26,000 lbs.	38,000 lbs.	65,000 lbs.	90,000 lbs.	110,000 lbs.	190,000 lbs.	200,000 lbs.	300,000 lbs.	-
Recommended Oil Flow - Open/Close	20 GPM	40 GPM	50 GPM	60 GPM	80 GPM	120 GPM	130 GPM	180 GPM	260 GPM	420 GPM	420 GPM
Recommended Oil Flow - Rotation (Speed Adjustable)	5 GPM	11 GPM	11 GPM	11 GPM	11 GPM	28 GPM	28 GPM				







* Tool weights subject to adaptor and Jaw Set configuration. ** Minimum excavator weights subject to machine configuration.

01 SIZES / SPECS (



Every MT® Series Multi-Tool™ size features patented Allied-Gator Quick-Change™ Jaw Set Technology. In order to maximize change-out efficiency, each MT Quick-Change Jaw Set retains its own shaft. This allows

users to interchange Jaw Sets on the MT main body in the field in as little as 15 minutes. Thanks to their exclusive HANDS OFF!™ Shaft Design, the MT Jaw Sets never require shaft removal and/or hub adjustments. Manufactured from proprietary High-Alloy Steel CAST™ materials, the MT Quick-Change Jaw Sets are sculpted to eliminate excess material and provide superior visibility to the machine operator. Quick-Change Jaw Set options include Shear, Cracker/Crusher and patented Densifier™. The MT Cracker/ Crusher Jaw Set affords users the distinctive ability to conquer even the most challenging cracking and crushing tasks with a single Jaw Set. This eliminates the need to purchase two separate, duty-specific jaws (one for cracking, another for pulverizing.)

Patented Quick-Change™ Jaw Set Technology, developed to achieve maximum change-out efficiency, affords users the ability to switch between Jaw Sets in the field in as little as 15 minutes.



Watch the MT Jaw Set Change-Out Procedure at www.alliedgator.com



CHANGING THE INDUSTRY,

ONE JAW SET AT A TIME

MT® Shear Jaw Set - utilized for the quick and efficient demolition and processing of heavy structural steel. Features weld-on interchangeable Solid Tip and patent-pending Disposable Shear **Tip** options to best suit the specific demands of different materials and applications.





MT® Cracker/Crusher Jaw Set - effortlessly processes reinforced concrete, heavy cast and rail materials. Features interchangeable bolt-on Tooth Segments that can be changed in under 5 minutes: Cracker Tooth Segments effectively penetrate heavily reinforced concrete and dense rock, and safely process cast materials. Crusher Tooth Segments efficiently de-rod and pulverize concrete in one bite. **Finish Tooth Segments** effortlessly send a clean, flat and controlled crack through curbs and walls. Finally, patented MT Rail **Breaker Tooth Segments** effortlessly process rail and cleanly remove any concrete or asphalt bonded to the rail.



Cracker Tooth Segments



Crusher Tooth





MT® Densifier™ Jaw Set - patented design performs all the functions of a rotating grapple, but has the additional capability to condense scrap and other material during loading to minimize the air volume in every mouthful and maximize the material volume in every load.



Scrap Processing / Demolition

MT SHEAR Jaw Set

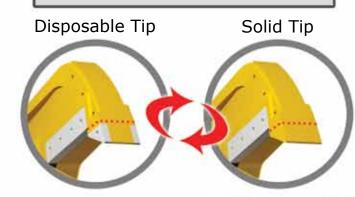


SUPERIOR BY DESIGN.

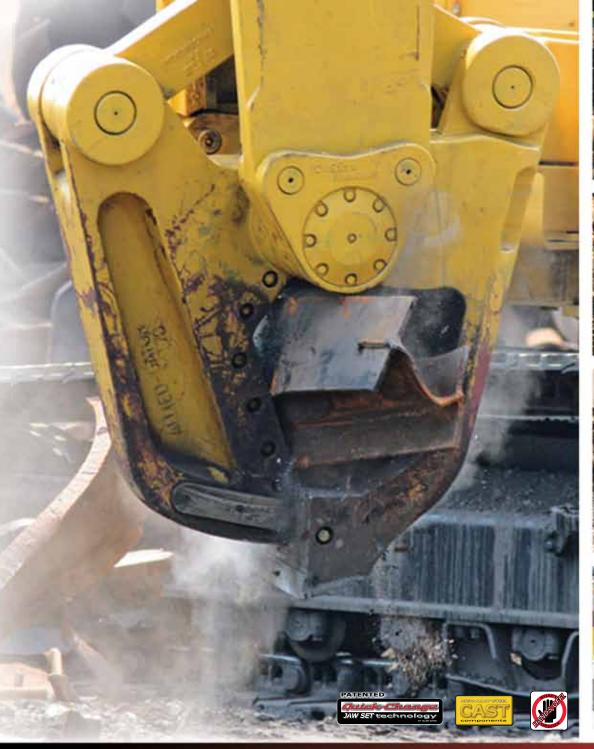
MT® Replaceable Tip Options

Each Allied-Gator **Replaceable Tip** is an independent component to the **MT** Shear Jaw Set. Unlike other designs, the **MT** Shear Jaw Set's Replaceable Tip Options provide users with the unique ability to change between patent-pending **Disposable Tips*** and **Solid Tips**** to best suit the specific demands of different materials and applications.

* Available for MT sizes MT 20 - MT 180 ** Available for all MT sizes



Specifically designed for full-time material processing use, the MT[®] Series Multi-**Tool™** in the Shear configuration is superior to any other shearing attachment in the industry, dedicated or otherwise. The main shaft area of the MT Shear Jaw Set does not overheat and remains ambient even throughout extended use. This Jaw Set is also specifically designed to reduce friction and heat build-up to all components, lowering overall maintenance, reducing tool wear and maximizing blade life. The MT effortlessly cuts through the thicker and thinner materials that challenge other shears and virtually eliminates the choking and jamming problems associated with other products. The MT cylinder is completely enclosed within the tool's main body at all times, keeping it protected and never leaving it vulnerable to material damage. The MT Shear Jaw Set never requires shaft removal or hub adjustments of any kind and features long-lasting, economical 4- or 8-way indexable cutter and wear blades. With superior power, the MT Shear Jaw Set provides excellent piercing ability and unrivaled throat force. Its sculpted shape and Fixed Centerline Closure improve operator visibility and accuracy, resulting in more consistently sized processed material and ending the struggle of operator frustration caused by awkward, clumsy designs. As an added benefit, the MT in the Shear configuration works easily on paved/concrete surfaces and has an improved work range to reduce machine travel. Manufactured from proprietary High-Alloy Steel CAST™ components, the MT is designed to provide decades of reliable performance.













Concrete Processing / Demolition Cast Processing / Rail Processing

MT GRAGKER/ GRUSHER

SUPERIOR BY DESIGN.

The ninety degree jaw opening of the MT Cracker/Crusher Jaw Set accommodates more material and enables this tool to demolish objects that are much larger than its actual jaw opening. This Jaw Set enables the control and regulation of material size with different tooth configurations. With a variety of bolt-on tooth segments that interchange in less than 5 minutes, the MT Cracker/Crusher Jaw Set has the capacity to perform all cracking, crushing & rail breaking functions with maximum efficiency.



Jaw Set







One Jaw Set, Multiple Tooth Configurations.

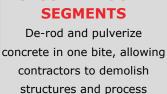












materials simultaneously.

Also used to gather, separate

and sort on-site materials.

MTR 50 C





RAIL BREAKER TOOTH SEGMENTS

PATENTED

Effortlessly process rail and, as an added benefit, cleanly remove any concrete or asphalt that may be bonded to the rail. Can be used to process rail to nearly any desired length.



Effortlessly send a clean, flat and controlled crack through concrete. Used for trimming concrete and the flush removal of curbs and walls. Also used to perform precision facing and edge





PATENTED

Densifying / Material Handling

MT DENSIFIER M Jaw Set

SUPERIOR BY DESIGN.

Allied-Gator's patented Quick-Change™ Densifier™ Jaw Set for the patented MT® Series Multi-Tool performs all the functions of a rotating grapple, but has the additional capability to condense material during loading to minimize the air volume in every mouthful and maximize the scrap volume in every load. The MT Densifier Jaw Set not only provides precision sorting ability, but takes material handling to a new level by giving users the ability to compact and densify material with unprecedented levels of power.

Powerful MT® Options

The MT Densifier Jaw Set provides the same unparalleled closing force as the existing MT Shear and Cracker/Crusher Jaw Sets, utilizing Allied-Gator's patented Power-Link and Guide System™, which enables all MT Jaw Sets to cycle with a continual power gain throughout jaw closure. The MT's proprietary fixed centerline closure provides superior dexterity, while patented Allied-Gator Speed-Circuit Technology™ allows the MT Densifier Jaw Set users to maximize material handling productivity. The MT Densifier™ Jaw Set features dual-moving jaws and unrestricted 360° rotation. It is currently available in MT tool sizes MT 20, MT 40, MT 70, MT 90 & MT 100, which range in capacity from 0.6 to 6.25 cubic yds.











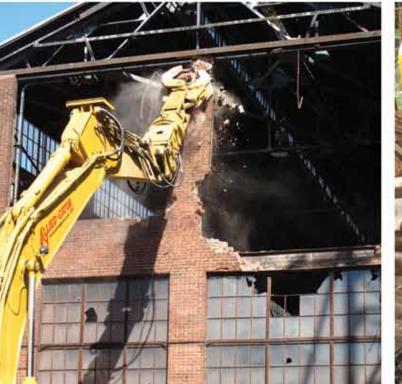














VERSATILITY.

With the advantage of patented Allied-Gator UCS™ Technology, the MT® Series Multi-Tool™ allows users to get more from their machine fleet. This modular design feature enables the cross-utilization of MT products on different-sized machines and in various configurations. UCS adaptors allow a single MT unit to quickly interchange between machines. For example, an MT may be mounted in a 2nd member (boom mounted) configuration on one machine, then quickly fitted to a 3rd member (stick mounted) configuration on a larger machine for applications requiring more reach. With smaller MT models, such as MT 5, 10 & 15, a simple

UCS adaptor change allows a single unit to be utilized by both skid steers and mini excavators. **UCS** 2nd Member Adaptor for **Boom Mount Configuration** Additionally, contractors and recyclers with machines on multiple job sites benefit from the reduced transportation costs of shipping a tool from site to site rather than shipping an entire tool and machine between projects. **UCS** 2nd Member Wing for **Boom Mount Configuration UCS** Universal Adaptor Plate for Skid Steer Mount Configuration **UCS** 3rd Member Wing for Stick Mount Configuration Universal Coupling System **UCS** Folding Adaptor used to achieve long boom and short boom versatility





Unlimited interfacing capabilities are yours with patented UCS™ Technology. This innovative system standardizes tool and machine compatibility, simplifying tool exchange and maximizing the interfacing capabilities of both tool and machine. UCS Technology is a standard feature on all MT Series Multi-Tool adaptors and is integrated into other Allied-Gator products to afford multi-configuration users the advantage of unlimited tool and machine arrangements.

Experience the versatility of utilizing one tool on several machines and/or the benefits of using several different tools on one machine.





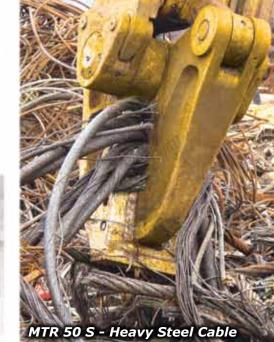


VERSATILITY

SCRAP PROCESSING.

For full-time scrap processing, the MT® Series MultiTool™ out-performs, out-produces and outlasts every other processing attachment manufactured. The MT Shear Jaw Set is designed to flatten scrap and leave open ends on pipes, resulting in a higher quality of prepared material. These unprecedented levels of production translate into unprecedented levels of profit for MT owners. With its unrivaled combination of power, speed and versatility, the MT is the solution to higher production demand.





















13 SCRAP PROCESSING

MTR 40 S



DEMOLITION.

Demolition Equipment Has Never Been This Equipped.

Available in more sizes and configurations than any other processing attachment, the MT® Series Multi-Tool not only gives contractors the ability to demolish structures with incredible efficiency, but also allows for simultaneous on-site material processing. In other words, the productivity of this tool allows demolition professionals to complete both demolition and processing in the time it previously took to complete the demolition process alone. The MT has been specifically designed to deliver superior levels of versatility, efficiency, safety and productivity to meet and exceed every expectation of demolition contractors. Shear, crack and crush through any demolition challenge faster and more efficiently with the MT.











MTR 90 S - Steel Mill Dismantling











15 DEMOLITION





























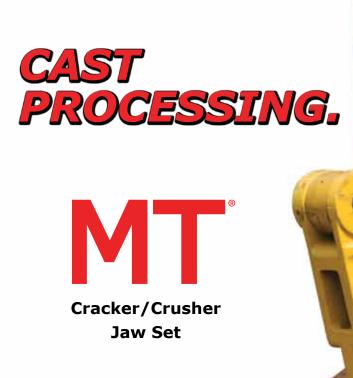














the MT[®] Series Multi-Tool has emerged as the only processor powerful and durable enough to consistently and effectively process heavy cast materials. Safer and more efficient than traditional cast breaking methods, this exclusive performance feature allows users to process cast materials year-round for more time, space and costefficient operations.

















RAIL PROCESSING.

With a simple change of tooth segments, the MT Cracker/Crusher Jaw Set, which is used to process concrete and heavy cast materials, is transformed into a heavy-duty rail breaking jaw. The MT Cracker/ Crusher Jaw Set in the Rail Breaker configuration effortlessly processes rail and, as an added benefit, cleanly removes any concrete or asphalt that may be bonded to the rail.









The patented MT® Rail Breaker tooth segment design enables the MT to easily and accurately process rail to any desired length at an average rate of 6-8 breaks per minute. In addition, the MT Rail Breaker tooth segments provide excellent rail handling, sorting and positioning abilities. This multi-functional MT tooth configuration uniquely enables all phases of a rail processing operation to be effectively performed by a single tool and machine.









RAIL PROCESSING 21

Cracker/Crusher **Jaw Set**















Densifier™ Jaw Set











SPECIAL APPLICATIONS.

The patented Allied-Gator MT® Series Multi-Tool with patented Quick-Change™ Jaw Sets successfully performs in a variety of highly specialized demolition and processing applications never before possible with a hydraulic attachment. Uniquely suited to handle hardened steel wire, all types of steel cable, and rebar, the MT outfitted with the Shear Jaw Set is the only shear design that has proven itself to withstand continual use in these full-time processing applications. The MT Cracker/Crusher Jaw Set, with a variety of bolt-on tooth configuration options, effortlessly processes concrete and provides users the added capabilities to break cast iron, kish and railroad rail materials. The MT Densifier™ Jaw Set not only provides precision sorting ability, but takes material handling to a new level by giving users the ability to compact and densify material with unprecedented levels of power.

The patented MT® Series Multi-Tool: WORKING WHERE OTHER TOOLS JUST AREN'T CUTTING IT.















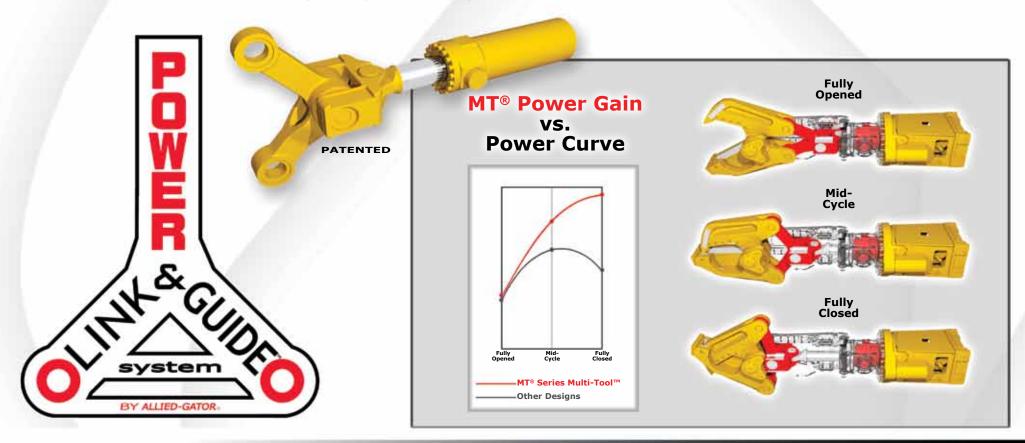






POWER.

The MT® Series Multi-Tool™'s patented Power-Link and Guide™ System is an innovative and dynamic concept in leverage utilization. This system powers the tool jaws more efficiently by linking the tool cylinder to a pair of levers, delivering never-before-seen levels of real power. Due to the force generated by this system, there is an ever-increasing power gain rather than the less effective power curve or loss found in other designs. From a fully open jaw position, the MT dramatically increases in power with every inch of closure, resulting in a 99% mechanical-hydraulic power efficiency.



























27 POWER 2

WITNESS THE POWER.



www.alledgator.com













View over **hours**

of action-packed footage

at www.alliedgator.com









































The World's FASTEST Cycle Speeds.

Allied-Gator Speed-Circuit Technology™ is a patented performance feature designed to dramatically increase the cycle speed of the MT[®] Series Multi-Tool™ jaws, ensuring superior production and performance levels. Allied-Gator Speed-Circuit Technology is fast and smooth, providing unnoticeable transitions/shifts from speed to power with a shock-free circuitry design. Allied-Gator Speed-**Circuit Technology uses fewer flow** paths, which results in silent operation and reduced possibility of additional heat generation to the tool or machine's hydraulic system. The proprietary **Direct Port System is used to completely** eliminate hose failures that are inherent in other "speed valve" designs. The proven reliability, performance, and production output benefits of Allied-Gator **Speed-Circuit Technology are available on** MT sizes MTR 15 through MTR 180.





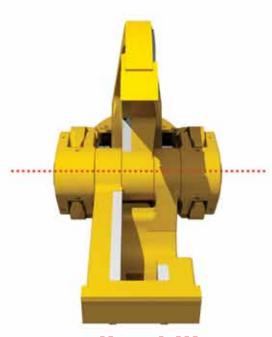






SPEED 3





Predictability, Accuracy & Safety

The MT[®] Series Multi-Tool™ provides an unmatched level of dexterity to the machine operator. Its sleek design and exclusive **Fixed Centerline Closure** provide perfect visibility and eliminate awkward, clumsy operation, enhancing the operator's ability to see and making every cut and crush more accurate. Cycle speed is consistent and virtually unchanged by material volume for smooth, safe and predictable tool performance.







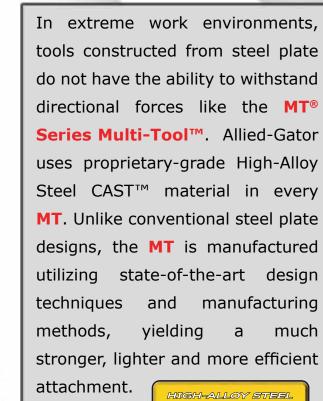




33
ACCURACY 34



Measure the life of your tool in DECADES, not HOURS.









35 DURABILITY 36

SERIES MAG EXTENSION™





AN INDUSTRY FIRST.

The Allied-Gator MT® Series Mag Extension™ provides contractors an extremely effective and cost-efficient alternative to designating a machine as a specialized material handler. This product adds extraordinary magnet capabilities to any ordinary excavator, featuring a unique range of motion and enhancing the work range of both magnet and machine. To maximize its versatility, the MT Series Mag Extension features the same patented UCS™ Technology used in the MT line. Together, the MT Series Multi-Tool and Mag Extension provide a single machine the distinctive ability to perform demolition, processing, material handling and site clean up, eliminating the need for several machines bound to single-duty functions.





















ALLIED-GATOR CLAW BUCKET

SUPERIOR FUNCTIONALITY.

loader bucket, adding superior functionality for material handling, sorting, and compaction. The Claw Bucket is more than strong enough to withstand the tractive force of the machine; once the Claw is clamped shut, it cannot be pried open. From the fully enclosed hydraulic cylinders to the high quality materials and construction, the Allied-Gator Claw Bucket is designed to work harder and last longer than any other bucket closure system. The Allied-Gator Claw Bucket makes material handling faster and more profitable. Grab, tear, sift, sort and transport more material in less time and with less equipment than ever before. Allied-Gator's proprietary two-pin installation and removal system makes it quick and easy to switch between a standard bucket configuration and the Claw Bucket configuration on the job site.













