
MANTIS
A Member of the ALAMO GROUP
PRODUCT GUIDE

ALAMO GROUP

MUNICIPAL MOWING SOLUTIONS

ALAMO INDUSTRIAL · TERRAINKING · MANTIS · Tiger

As a proud member of Alamo Group, Municipal Mowing Solutions is committed to driving the evolution of global equipment solutions. We value the safety and prosperity of communities around the world and hold ourselves accountable for preserving the health of our planet. We respond proactively to the ever-changing nature of our world, developing groundbreaking equipment that meets the changing needs of every community. At Alamo Group, we believe in a better future – because we're building it.

At Alamo Group Municipal Mowing Solutions, we bring together four industry-leading brands—Alamo Industrial, Terrain King, Mantis, and Tiger —to deliver powerful, purpose-built vegetation management solutions trusted by municipalities, contractors, and public works professionals.

Alamo Industrial has been a leader in right-of-way clearing, roadside mowing, and grounds maintenance equipment for over 50 years, offering durable boom, flail, and rotary mowers designed for long life and reliable performance.

Tiger builds rugged roto and flail boom mowers, side and rear mowers, and specialty mowing systems that tackle the toughest roadside vegetation challenges with quality and dependability.

Terrain King partners with Kubota engineering to craft high-performance tractor-mounted mowers and brush cutters that deliver precision and efficiency in roadside and right-of-way maintenance.

Mantis delivers next-generation prime mover solutions with exceptional maneuverability and attachment flexibility—built in the USA to power through demanding mowing, cutting, and clearing tasks.

Together, AGMMS equips crews with rugged, innovative machinery that keeps public spaces safe, scenic, and well-maintained—every season, every job.

GENUINE OEM PARTS

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Our OEM replacement parts are specifically designed for peak performance of your Alamo Industrial, Terrain King, Mantis, and Tiger mowing and trimming equipment.

We design and build to exact specifications requiring strict chemical strength and performance characteristics. Imitation parts may not function properly because they are reversed engineered.

AGMMS parts are tested to meet SAE and ASAE safety standards. We take pride in manufacturing quality parts that consistently test above and beyond the industry standards.

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Truckat

The TrucKat Boom Mower is crafted from premium materials and designed with ultimate freedom in mind. This means you can travel to and from job sites at standard road speeds, and once there, leverage the latest advancements in boom mowing technology to handle even the toughest tasks effortlessly. Now available with 18’ and 22’ booms, offering greater reach and power.

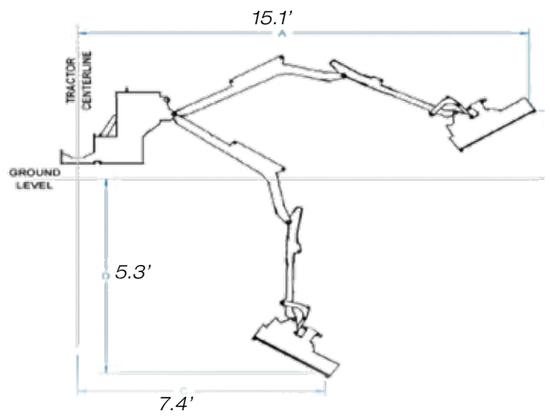


Wildkat

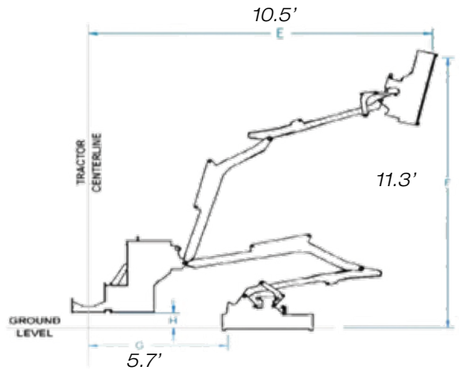
The WildKat (Side Shift w/ ARCH) mower operates like a side mower with a swing system like a boom mower. The WildKat mower gives the operator the ability to shift the cutter head horizontally up to 29½ inches with the hydraulic control system.
The WildKat’s ARCH BOOM design with the combined side shift features gives the mower a maximum reach out of 16 feet and a reach up of 12.8 feet.

Other Available Attachments
60” Rotary Head | 75” Grass Flail





Boom Reach based on 60’ Rotary



variation in tractor or tire size may cause some difference in dimensions

RM Series

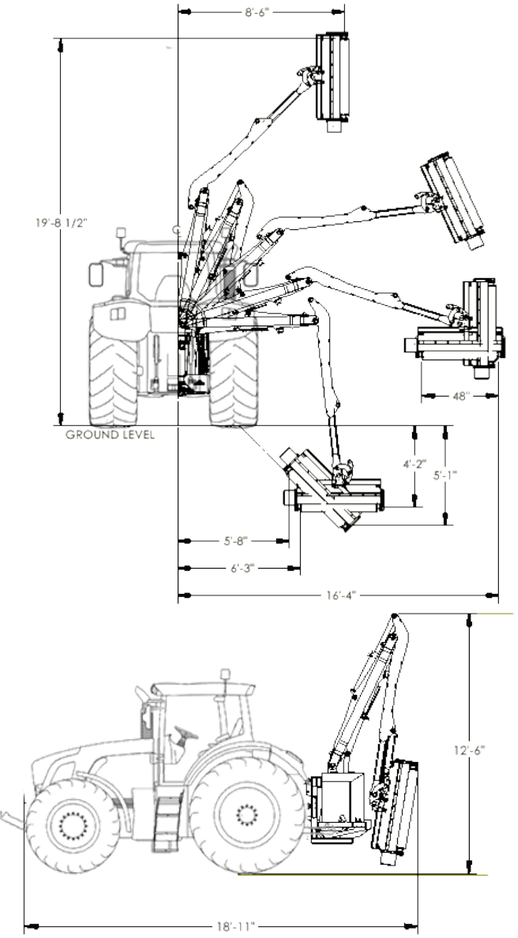
Rear mount boom built for reliability and efficiency.

Boom Reach Options
16’4” and 18’1”
*with 60” Rotary Head

Tractor Minimums
58 PTO HP
540 rpm PTO output shaft
CAB

Other Available Attachments
48” Medium Duty Flail
48” Heavy Duty Flail
48” Medium Duty Rotary
60” Heavy Duty Rotary
69” Buzz Bar®





Boom Reach based on RM165 with Flail Mower

Switch Blade

Cutting Capacity
.5”
Cutting Width
5’ & 6’

Tilt Angle
The tilt angle of 90° up and 75° down.

Tractor Minimums
3,000 lbs
Safety
The unit features an automatic, self returning breakaway system that allows the cutter bar to hinge when obstructed



2100

Mounting Frame & Turning Arm
Bolted frame design structurally ties front bolster to rear axle plates. Mid-mounted with lower center of gravity.
Control Features
Master safety switch permits six second blade shut-down. Standard proportional joystick controls.
Hydraulic Reservoir
Large capacity under fender hydraulic tank with a return filter placement that allows easy access.

Boom Reach
21’ *with 60” Rotary Head
Below Grade Reach
13’6”
Horizontal Reach
21’7”
Vertical Reach
18’1”
Other Available Attachments
48” Heavy Duty Flail
50” and 60” Heavy Duty Rotary Saw Blade



TRAXX RC75

General Specs
- Variable travel speeds 0-4.3mph
- Overall Width - 51”
- Overall Length - 90”

*without attachment
- Overall Height - 41” / 31”
- Total Weight - 2,650lbs / 2,870lbs

*without attachment
- 1,200lb attachment lift capacity
- Cutting height range between .79in - 3.35in

Engine
- 75 HP
- 10 gallon fuel tank capacity
- 5.3 gallon oil tank capacity



TRAXX RC75 Head Attachments

HEAVY DUTY GRASS FLAIL



Technical Specifications
- Choice of grass cutting flails or hammer flails
- Full width rear roller
- Hydraulic front hood
- 2” cutting capacity
- up to 3” cutting height
- +/- 14 degree head angling and flotation
- 3000 RPM rotor speed
- 375lbs weight



63" Flail Head



75" Flail Head

MULCHER WITH PUSH BAR

Technical Specifications
- 63” Cutting width
- Ultra duty heavy duty hammer flails
- Unique high-performance rotor allows flails to swing through 360 degrees
- Hydraulic front hood
- Reinforced steel push bar
- 4” cutting capacity
- 3000 RPM rotor speed
- +/- 14 degree head angling and flotation
- 692lbs weight



FIXED TOOTH FORESTRY FLAIL WITH PUSH BAR

Technical Specifications
- 63” Cutting width
- Hard-wearing tungsten carbide fixed teeth
- Hydraulic front hood
- Reinforced steel push bar
- 4” cutting capacity
- 3000 RPM rotor speed
- +/- 14 degree head angling and flotation
- 782lbs weight



FRONT BUCKET

Technical Specifications
- 51” Working width
- Heavy-duty build
- 1137lbs lifting capacity (heavy duty model
- 996lbs lifting capacity (standard duty model)
- Ideal for work in quarries, culverts, and construction sites



SNOW BLADE

Technical Specifications
- 67” working width
- Hydraulically adjustable blade angle
- Choice of standard plastic blade or optional steel blade
- 23” blade height
- +/- 20 degree blade oscillation
- +/- 14 degree head angling and flotation
- Replaceable blade edge
- 209lbs weight (plastic model)
- 374lbs weight (steel model)



MANTIS™



MANTIS intro

Prime Mover Options

155HP

Prime Mover with a 155HP Deutz Engine.

Available in B and F model types.

Available with a Fixed or Rotating cab.

201HP

Prime Mover with a 201HP Deutz Engine.

Available in B, F, and P model types.

Available with a Fixed or Rotating cab.



Model Types

B

Base Model

Boom Ready

F

Front Model

Boom and Front Attachment Ready

P

Premium Model

Boom, Front Attachment, Wide Area Mower and PTO Ready

Tire Options

BKT 500/50–22.5 16PR FLOTATION 648

MITAS 560/45R22.5 AGRITERRA 02



BKT 500/50–22.5 16PR FLOTATION 648 OPTIONAL



MITAS 560/45R22.5 AGRITERRA 02 INCLUDED IN BASE

Base Machine Options

Cab Mounted LED Strobe Light

Steel Tool Boxes

(Left & Right Mounted)

Front Three-Point Hitch & 2 SCV

(F & P Models Only)

Front Three-Point Hitch & 2 SCV & Skid Steer Hitch

(F & P Models Only)

Front Three-Point Hitch & 2 SCV & PTO

(201P Models Only)

Front Three-Point Hitch & 2 SCV & Skid Steer Hitch & PTO

(201P Models Only)

Rear Draw bar

Rear PTO & 2 SCV & Rear Draw bar

(201P Models Only)

Wide Area Mower

The Mantis Wide Area Mower attachment offers a triple flail set up with 21' of cutting width. These mower decks allow for excellent visibility and cutting control, while hydraulic float functions follow the ground contours with up to 15° of head pivot for a clean, consistent cut.

With adjustable mowing heights from 1"–9" (25 mm–229 mm), durable dome-style decks constructed from 10-gauge high-strength material, and replaceable skid shoes, this machine is engineered for long-lasting performance in demanding environments.

For transport, the mower wings conveniently stow behind the cab, creating a compact transport profile for easier mobility between job sites.

Available in fine or coarse-cut knives for various mowing applications.





Boom Mower Attachments

24' Telescoping Boom · 28' Fixed Boom · 30' Telescoping Boom

Designed for versatility, precision, and durability, the Mantis Boom is available in multiple reach configurations to meet a variety of roadside, municipal, and vegetation management applications. Operators can choose between 24', 28' fixed, and 30' boom options depending on operational reach requirements and job site conditions.

The 24' and 30' telescoping boom configurations provide extended reach and flexibility, while the 28' fixed boom delivers a strong, reliable solution for consistent daily operation.

Each boom is engineered for smooth and responsive performance with seven boom functions, including four proportional controls for precise operation. Protected boom hoses and lines, hardened boom and dipper pins, and integrated stability help maximize durability and minimize downtime in demanding environments.

Additional capabilities include:

- Boom stows to the rear for a compact transport envelope of 147" H x 102" W
- Capable of mowing within 16" of the tires
- Operates efficiently on slopes up to 45 degrees downward
- Designed for reliable performance in challenging terrain and hard-to-reach mowing applications

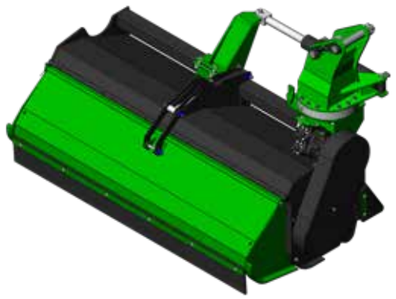
Boom Cutting Heads

Severe Duty Rotary

The Severe Duty Rotary can cut grass and brush up to 5in in diameter and comes with full-swinging, double-edged, tempered steel blades.

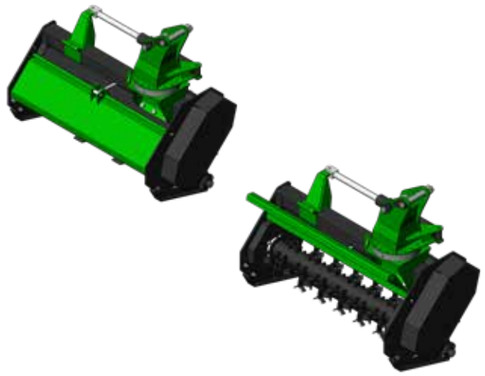
Size Options
50" with Blade Bar
50" with Blade Pan
60" with Blade Bar





60" Heavy Duty Grass Flail

The Heavy Duty Grass Flail is equipped with 40 pairs of replaceable blades and can cut vegetation up to 2in in diameter.



48" Brush Cutting Flail

The Brush Cutting Flail has two different cutter shaft options:
- Serrated 7oz knives that can cut grass up to 2inches
- Anvil style knives for grass up to 4inches.



Mulching Head

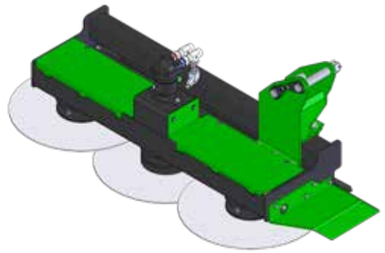
The Mulching Head is designed to cut growth and then grind material into mulch. It can cut up to 50in wide and vegetation up to 8in in diameter and features 18 individual cubit knife cutting tools.

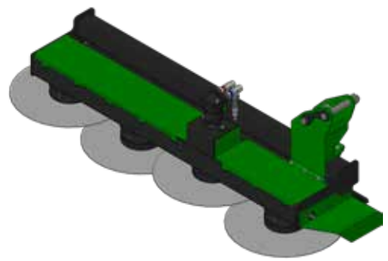
Boom Cutting Heads

Saw Head

The BuzzBar is equipped with 26in circular blades that allow you to cut as clean as a chainsaw. It can cut vegetation up to 4in in diameter.

Size Options
69"
90"





Grapple & Tree Shear

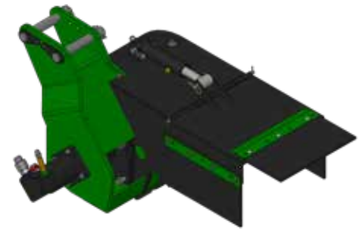
KXS Grapple
Designed to efficiently handle and load lumber, stone, logs, stumps, wood chips, pallets, building materials, and metal and recycled material.

KXZ Tree Shear
Used in efficient tree felling and stacking. Tree Shears use a guillotine-type cutting method.



22" Ditch Renovator

The Ditch Renovator is made to remove excess dirt or unwanted vegetation from ditches 22in wide and 11in deep.



Attachment Compatibility

To maximize versatility and productivity, the Mantis Prime Mover is available with optional front 3–point hitch or a skid steer-style quick attach interface. These industry-standard attachment systems are designed to accommodate a wide range of commercially available implements and attachments, allowing operators to adapt the machine to various applications and job site requirements.

While many standard attachments utilizing these mounting systems are compatible, attachment specifications and operating requirements can vary. Customers are encouraged to contact us to verify compatibility and ensure optimal performance for their specific attachment and application.

GOVERNMENT SOLUTIONS

Through cooperative purchasing programs, government agencies can acquire Mantis equipment quickly and confidently while continuing to receive the personalized support of trusted local dealers.

Mantis

Sourcewell - Contract No. 032525-AGI
Canoe Canada - Contract No. 070821-AGI 032525-AGI
Buy Board - Contract No. 806-26
NASPO - Contract No. 61514
GSA - Contract No. GS-03F-113DA

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CONTACT US

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Municipal Mowing Solutions

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Warranty: One year limited parts and labor. Non-governmental users are subject to modified policy. Only genuine AGMMS parts should be used for warranty replacement.