

**VERSA® SIDE-MOUNTED UNITS**  
 All Heads are Interchangeable

**VERSA® MOWER**

- Cutting Width: 60" or 72"
- Blade Carrier: 1-1/4" x 6"
- Blade: 1/2" x 4" updraft
- Hyd. Motor Rating: Gear Type 51 GPM @ 2400RPM
- Deck Thickness: 10-gauge
- Deck Frame: 4" x 9"channel
- Skid Shoes: Full-length, replaceable
- Debris Deflector: Chainguards front and rear

**OPTIONS**

- Pan Blade Holder: 2, 3, or blades
- Tail Wheel Assembly
- Breakaway (60" only)
- Front Chainguards and Rear Flaps

**VERSA® FLAIL**

- Cutting Width: 60" or 74"
- Cuttershaft: 4-1/2" tube balanced greasable bearings
- Knives: 60"-36 pr. 3 oz.; 74"-36 pr, 3 oz.
- Hyd. Motor Rating: Gear type, 50 HP @ 2500 PSI
- Deck Thickness: 10-gauge deck
- End Plates: 1/2" inside and 5/16" outside
- Deck Frame: 2-7/8" tube, full-length
- Skid Shoes: Full-length, replaceable
- Rear Roller: Adj. 6" dia., full-width greasable bearings
- Debris Deflector: Full-width rubber & fabric rear

**THE VERSA® BOOM UNIT IS AVAILABLE IN 17', 20', & 23' REACHES**  
 All Mowing and Cutting Heads are Interchangeable

**FLAIL-AXE®**

- Width: 48"
- Cuttershaft: 4-1/2" dia steel tube, 3/8"wall, greasable bearings
- Knives: 16 ea., 2 lb., 360 swing reversible
- Hyd. Motor Rating: Gear Type 76 HP @ 3000 PSI @ 2400 RPM
- Deck Thickness: 10-gauge
- End Plates: 3/8"
- Deck Frame: 4" square cross-tube
- Skid Shoes: Full-length, replaceable
- Rear Roller: 5-1/2" dia. tube, adj. 3/4" to 6"
- Debris Deflector: Full-width rubber-covered fabric, rear Removable full-width steel, front

**TIMBER CAT® SICKLE BAR**

- Cuts up to 4" tree limbs
- Width of Cut: 6' or 7'
- Blade Bar: 5/8" thick
- Direct coupled hydraulic operating cylinder (excludes pitman)

**BOOM-AXE®**

- Width of Cut: 60" st., 50" opt.
- Blade Bar: 60" - 3 leaf 5" x 7/8" 50" - 3/4" x 29" disc. (up to 6 blades)
- Blades: 60" - 5" x 14" x 5/8" replaceable
- Hyd. Motor Rating: Gear Type 101 HP @ 2750 PSI @ 2400 RPM
- Deck Thickness: 10-gauge
- Side Skirts: 3/8"
- Frame: Cross-braced, 3/8" bar
- Skid Shoes: Replaceable, full-length
- Debris Deflector: Front, spring-loaded, retractable shield. Rear, 3-ply rubber belting.

**OPTION**

- 50" cutting head, two-leaf blade bar with two blades

**ROTARY GRASS MOWER**

- Width of Cut 60"
- Blade Bar: Single leaf, 5" x 7/8"
- Blade: 14" x 3" x 1/2", free-swinging
- Hyd. Motor Rating: Gear type, 74 HP @2500 PSI
- Deck Thickness: 14-guauge
- Side Skirts: 1/4" thick
- Frame: 3/8" bar, cross-braced
- Skid Shoes: Full-length, replaceable
- Debris Deflector: 3-ply rubber belting, front & rear

**HEAVY DUTY GRASS FLAIL**

- Width of Cut: 60"
- Cuttershaft: 4-1/2" balanced tube, greasable bearings
- Knives: 36 pair of 3oz. knives are standard
- Hyd. Motor Rating: Gear Type 76 HP @ 3000 PSI @ 2400 RPM
- Deck Thickness: 10-gauge
- End Plates: 1/4"
- Deck Frame: 2-7/8" tube, full width front & rear
- Skid Shoes: Full-length, replaceable
- Rear Roller: 6" tube, greasable bearings
- Debris Deflector: Full-width rubber-covered fabric, rear

**BUZZBAR® TREE LIMB CUTTER**

- Cutting Width: 7-1/2"
- Blades: 2, 3, or 4 blades, each 26" in diameter and 3/16"thick
- Cuts up to 6" diameter tree limbs
- Hydraulic Motor: 38 HP
- Main Channel: Formed of 3/16" sheet steel
- End Plates: 3/8"
- Rear Roller: Tapered with factory set pre-load
- Rear Shield: 10-guage steel formed for stiffness

**UNMATCHED  
VERSATILITY**

Sometimes the job calls for a rotary mower. Other times a flail mower or brush cutter will do the trick. The challenge is being able to switch mowing heads on the fly. All the more reason to consider the **VERSA® Series**. Within minutes you can remove and replace the cutting head to fit the task at hand. From overgrown brush to unruly tree limbs, the **VERSA® Series** allows you to tackle multiple applications using one tractor. All of which give you unmatched versatility and savings.



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

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**VERSA® Series**

**BUILT SHARPER™**



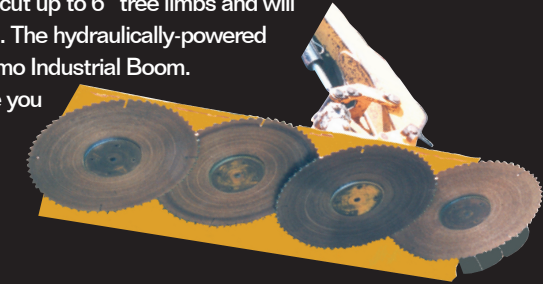
# A Tractor Mounted Vegetation Control System

The VERSA® Series is designed to be used with tractors in the 5,000-pound class. Mount kits are available for some tractor models with cabs and/or four-wheel drive. VERSA® Series units are available as side-mounted or boom-mounted vegetation management tools. The side-mount cutting head options include rotary and flail mowers. The boom-mounted cutting heads included rotaries, flails and brush cutters. A hydraulic, two section gear-type pump delivers the power for the VERSA® Series. The pump has an automatic pressure relief in both circuits. One section of the pump provides power to the movement controls. The hydraulic pump is rated at 51 GPM and 2400 RPM. The VERSA® Series has its own hydraulic system and does not connect to the tractor's hydraulic system.

## Nothing compares to the versatility of the VERSA® Mower System

### BuzzBar® Tree Limb Cutter

Available in 2, 3 or 4 blade versions, the saw blades of the BuzzBar® will quickly cut up to 6" tree limbs and will leave a smooth, clean cut. The hydraulically-powered cutter mounts to any Alamo Industrial Boom. The smooth cut will make you proud of a job well done.



### Timber Cat® Sickle Bar Limb Cutter

This boom-mounted sickle bar will cut up to a 4" diameter limb and leave a smooth cut. You don't have to worry about the cut limbs being thrown. When the limbs are cut they fall straight to the ground. Available in 5' or 7' cutting widths.



## Rotaries, Flails and Attachments for cutting grass brush and tree limbs.

### Heavy-Duty Grass Flail

You will appreciate the smooth cut of this heavy-duty grass flail. Boom-mounted, it is easy to reach over fences, around ponds and creek banks, allowing you to cut in areas inaccessible to your tractor. Available in 60" model, it is built for years of trouble-free service.



### VERSA® Side-Mount Rotary

The hydraulic power of the VERSA® Side-Mount Rotary mower will allow you to cut a 60" or 72" swath through heavy vegetation. The unit is also quickly interchangeable with several other cutting heads: Flail, sickle bar, rotary saw, ditcher and booms.



### VERSA® Side-Mount Flail

As the VERSA® Flail easily cuts through thick grass and weeds, it will also leave a smooth, finished cut. The mower has a float control that allows it to follow the contour of the ground, preventing scalping. The flail projects cut material downward not outward.



**Cut in those hard-to-reach places with your choice of 17', 20' and 23' booms.**

### FLAIL-AXE® 48

The FLAIL-AXE® is a boom-mounted, hydraulically powered, heavy-duty flail mower that will cut a 44" swath through vegetation up to 4" in diameter. The 16-blades, each weighing 2-lbs., make this one of the most effective mowers on the market today.



### BOOM-AXE® Rotary Brush Cutter

The BOOM-AXE® is a heavy-duty, boom-mounted, rotary brush cutter that is capable of cutting up to 5" diameter trees and brush. By being boom mounted, you can reach up into the trees to cut limbs, or over fences to cut brush. The hinged front shield may be opened for easy access to tree limbs. Available in 50" and 60" widths.



**VERSA® Series**

**ALAMO INDUSTRIAL**  
**BUILT SHARPER™**





*RF Technology on the **CuttX**ing Edge*



### **TRAXX™RF**

is one of the most INNOVATIVE, STRONG and POWERFUL remote controlled products ever to hit the roadside maintenance market. Boasting a high-performance engine and the widest flail head in its class, TRAXX™RF is EASY TO MANEUVER.

The finger-tip controls are SIMPLE TO OPERATE and give the operator 1000 feet of space to safely control the machine while getting the job done. Think of all the potential attachments which could be interchanged on the machine.

**YOUR POSSIBILITIES ARE ENDLESS!**



# the **SMARTEST** WAY to **WORK SAFELY**

» **TRAXX™RF** allows the operator to safely control the machine with a maximum working range of 1000 feet

» Designed to deliver exceptional stability and control, making it one of the easiest to operate remote control mowers ever constructed

» Ground-gripping rubber tracks and spikes, a low center of gravity and built-in negative brake system all prevent slipping

» Two emergency stop buttons and an automatic shut down when the machine reaches the end of its remote control range

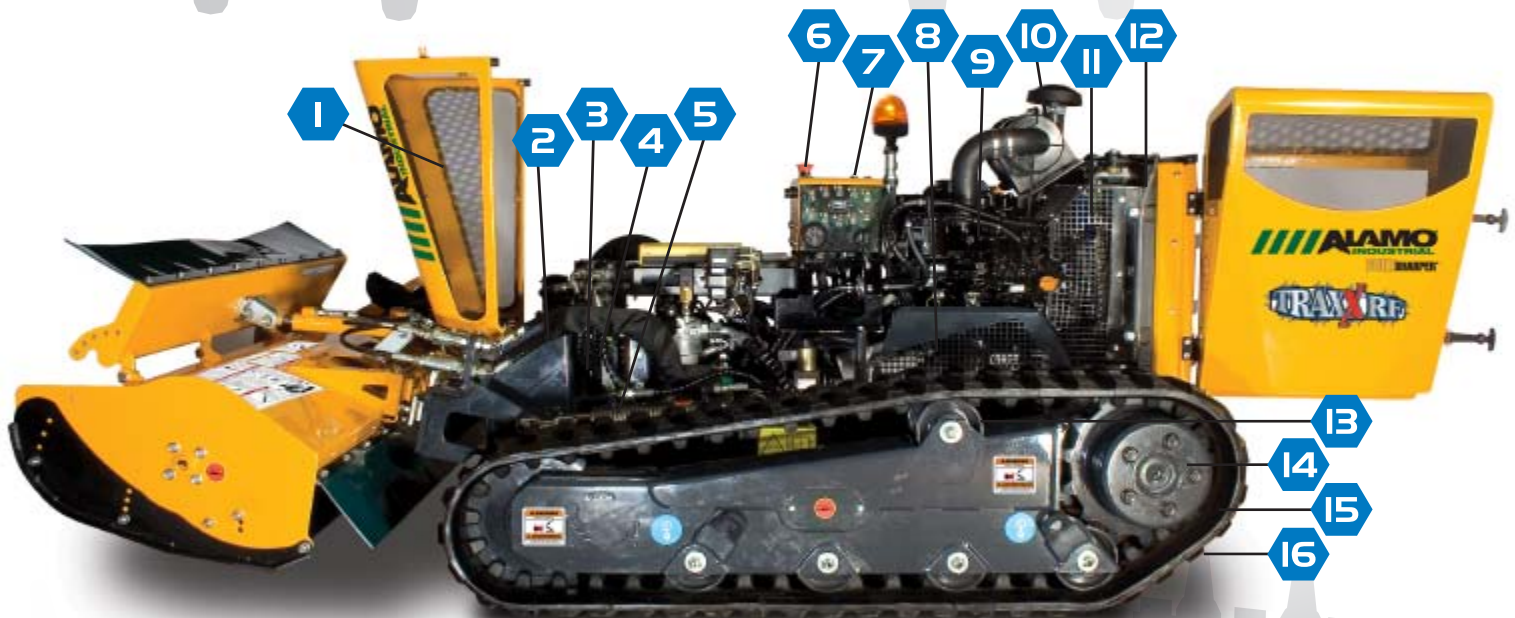


## Technical Data

- » 4 Independent Hydraulic Systems
- » **Width** 56 inches
- » **Height** 46 inches
- » **Weight** 2,770 pounds
- » **Speed** 6 mph maximum travel, forward or backward
- » **Length** 106 inches overall, 79 inches without flail



# POWERFUL, STRONG & COMPACT



1. Quick access for servicing / maintenance
2. 4.23 gallon fuel tank capacity
3. Independent cooling for hydraulic circuits
4. Hydraulic oil reservoir
5. Double acting ram controls height
6. Emergency stop button
7. Ignition panel with warning system
8. Force fed lubrication system
9. 40hp, 3 cylinder Isuzu engine

10. Dual fuel filters and air filters
11. Self-cleaning reversible fan
12. High capacity water filled radiator
13. High strength steel chassis
14. Tracks hydraulically driven via piston pumps
15. Self tightening tracks
16. Rubber tracks or rubber tracks with steel cleats and spikes

Perfect for tackling vegetation  
in the toughest terrain



Thrives in challenging, hazardous  
and confined areas



# EASY to OPERATE



- » Working range of 1000 feet
- » Simple control layout allows you to start working immediately



The remote control is light, intuitive and easy to master.

Two joysticks provide precise control of motion, steering and head height control. Key features such as gearing, rotor speed, speed sensitivity, radiator self cleaning and an emergency stop can all be accessed at the touch of a button.



1. Remote control radio frequency 915 – 928 MHz
2. Proportional joystick speed control – forward and backward 0 to 6 mph
3. Proportional Control for left and right turns and head height adjustment
4. Potentiometer Speed Control – Allows the operator to adjust the travel speed of the machine
5. Steering bias aids control when working on slopes
6. Emergency stop button instantly cuts engine and hydraulic circuits
7. Quick Clean Fan – remotely cleans dust and debris from air vents and radiator
8. Directional control swop – changes the operational directions of the joysticks
9. Low gear and high gear selector
10. Rotor direction selector
11. Soft-Start rotor engagement and speed control
12. Flailhead front hood control
13. Control of additional auxiliary functions
- 14a. Engine throttle up
- 14b. Engine throttle down
15. Engine ignition
16. Engine kill switch

- » Customize speed and steering sensitivity to match personal preferences
- » Durable, lightweight design and easy fit belt attachment aids in operator comfort



# MANEUVERABILITY

BEST in the BUSINESS


- » Intuitive potentiometer system ensures precise proportional control from 0 to 100 percent, the more you press down on the joystick, the faster the machine travels
- » Built-in steering bias to the left and right compensates for bank angles and allows precise straight ahead maneuvering
- » Contoured rubber tracks provide extra grip with a self-tightening system ensures consistent reliability and prevents excessive wear and tear
- » Heavy-duty spike attachments provide extra stability when working on steep slopes and come equipped with rubber transport blocks
- » Tight turning circles allow precision control in confined areas



- » PROPORTIONAL DRIVE PACKAGE
- » STEERING BIAS MAKES IT EASY TO TURN WITHOUT RIPPING UP TERRAIN

**TRAXX™MR6**'s innovative design is built around a low center of gravity which makes it ideal for tackling steep embankments.





Dual directional fan automatically clears hood vents and radiator to help prevent overheating, maximizing performance and increasing fuel efficiency.

the **BEST** in

# PRECISION ENGINEERING

- » Three cylinder, 40 hp Isuzu tier 3 diesel engine makes **TRAXX™RF** one of the most powerful mainstream machines on the market
- » Naturally-aspirated engine perfect for slopes where a turbo would struggle
- » Unique engine sump design ensures proper lubrication when working on steep slopes
- » Integrated hour meter for tracking service intervals
- » Independent hydraulic cooling system reduces oil temperature and maximizes performance



Tough enough to tackle the most challenging tasks but light enough to mount on the back of a trailer.



Two gears quickly move **TRAXX™RF** into position.

Fast loading and unloading reduces downtime getting to and from jobs.



# the PERFECT FINISH

on EVERY JOB

- » Exceptional finish with a best in class 51 inch flail head and a choice of knives
- » Specially designed lift carriage to follow the contours of the ground
- » Easy to raise and lower flail head prevents damage and increases speed



## INTERCHANGEABLE ATTACHMENTS

Think of the possibilities.

### OPTIONS

- » Finish mower head
- » Rubber tracks for turf grass applications
- » Replacement cutter shaft with hammer knives
- » Replacement cutter shaft with medium duty ring knives



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ALWAYS ON THE CUTTING EDGE™



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INDUSTRIAL  
**BUILT SHARPER®**



# **SIMPLY THE SHARPEST SOLUTION**

Simple is better. Especially when you're talking about the Switch Blade®. Its simple design allows for use with smaller tractors, so it's a cost effective way to cut your roadside vegetation down to size. Not to mention, it's fast, very fast. So if you want to save time and money, go with the most economical industrial mower on the market - go with the Switch Blade.

**Switch Blade® Sickle Bar**

by Triumph®

**ALAMO**  
INDUSTRIAL

**Switch Blade® Mower**

**BUILT SHARPER™**



# Switch Blade® Mower

The simplistic, time-tested design of the Switch Blade® offers its users a fast, efficient, cost-effective method of vegetation maintenance. Designed for tractors with smaller horsepower engines, it is both economical and reliable. Users can depend on the Switch Blade for high production due to faster cutting as well as less maintenance than any other industrial mower on the market today.

## Mount

The unit is side-mounted on the right hand side of the tractor. Mount is dual purpose as the setup may be used in conjunction with an Under-The-Guardrail® rotary cutting head. This means more cutting versatility for your investment!

## Safety Breakaway

The unit features an automatic, self-returning breakaway system which allows the cutterbar to hinge when obstructed.

## Transport

The unit may be transported down any standard roadside with ease. A mechanical safety transport lock is featured to secure the lift function while in transport.

## OPTIONS:

Double Cutterbar Units  
Knife Holder Brackets  
Ag Shoe and Swathboard  
Pump Guard Kit  
Special Mower Paint

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## Additional Specifications

Weight

500 lbs.  
(mower and mount kit).

Tractor requirements include a minimum weight of 3,000 pounds and a rating of 25 horsepower.

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

2800/1203/WM

## Power

With a two-section front pump, an updated hydraulic system allows the unit to run cooler by eliminating heat, thus running more efficiently. This translates into more cutting power and less machine maintenance.



Under-The-Guardrail®

## Efficient Motor

The motor has been decreased in size and weight from the original model to help increase speed control. It is directly coupled to the cutter drive unit and is gear-drive planetary type excluding pitman arm.

## Productive Drive System

A Planetary Drive System ensures smooth operation and cleaner cutting.

## Skid Shoes

A 3/16" abrasion resistant 360 minimum BHN alloy steel replaceable skid shoe is featured to help prevent mower damage from ground contact.



## Proven Blade Design

Offered in both 5' and 6' lengths, the proven blade design allows for precision cutting through grass and weeds up to 1/2" in diameter. Built-in rock guards help to minimize blade damage. The cutterbar is full-floating to assist in following the contour of the ground.



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# WE'VE GOT IT COVERED

Put concerns to rest and tractors in gear. The Super Heavy Duty Flail is made from the proven, time-tested design of the Mott® Flail, offering you a manicured look and substantial safety. It's the ideal machine not only for roadside use, but for parks, playgrounds, school grounds, and even golf courses! If you're looking for Heavy Duty results, look for the Super Heavy Duty Flail!



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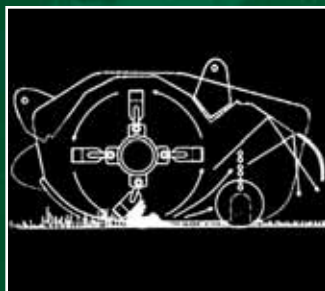
**Super Heavy Duty Flail**

**BUILT SHARPER™**



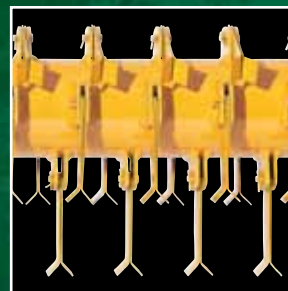
# Super Heavy Duty Flail

These heavy-duty flail mowers have gear boxes that are equipped with hardened, forged steel, cut gears and shafts. The gear boxes are mounted on tapered roller bearings promoting a long, trouble-free life. The extension shaft housing is solidly fixed to the gear box and fully enclosed and safely transmits power to the drive pulley. Kevlar® reinforced V-belt with special lower cord is used for maximum life. An automatic idler pulley eliminates belt tension concerns. The belts and pulley assemblies are fully enclosed. Fender bars, mounted at each end of the mower, protect the mower structure and drive system components. Heavy-duty tubular torque sections are located on the front and rear of the mowers. Rigid three-point hitch frame and gearbox mounting pads are attached to the torque sections, front and rear, isolating the deck from stress during mowing and while transporting the unit.



## Forward Rotation Mowing

Shaft rotation is forward. The knives cut down and back, picking up bent over grass, pulling in tall grass and weeds, cutting and shredding the material and discharging it to the rear in an evenly distributed curtain of mulched clippings.



## Cutting Knives

An array of cutting knives is offered enabling you to virtually choose the finished appearance of cut and tailor the mower to your specific cutting needs. Free-swinging, self-cleaning, reversible. Choose from:

- Coarse Cut – Standard, mounted on heat-treated clevis rings
- Extreme Service – Optional
- Fine Cut (shown in photo) – Optional

## Cutter Housing

10-Gauge Top and 5/16" end-plates with bearing guards

## Cutter Shaft

Dynamically balanced promoting longer life span of the mower. (See photo of cutting knives for better view.)

## Mounting

Convenient 3-pt. hitch mounting allows for easy connection to the tractor. The 62" is offered in center mount only while the 74", 88", & 96" is offered in both center and offset mounts.

## Cutter Shaft Bearings

1-15/16" Bore greasable, sealed, self-aligning

## Options

- Special Mower Paint
- Lift Chains

## Rear Roller

6" diameter, 1/4" wall, full-length tube rated at 6,000 lbs.

## Cutting Height

Fully adjustable from 1/2" – 6" in 1/2" increments

## Skid Shoes

Full length, replaceable skid shoes help prevent mower damage from ground contact.

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## Additional Specifications

Cutting Widths	62"	74"	88"	96"
Knife Pairs - Coarse Cut	36	36	44	48
Knife Pairs - Fine Cut	76	92	108	118
Approximate Weight	815 lbs.	930 lbs.	1035 lbs.	1170 lbs.
Minimum Tractor HP	20 HP	35 HP	40 HP	50 HP
Recommended HP	36 HP	43 HP	51 HP	56 HP
Cutter Shaft	4-1/2" dia. 5/16" wall	4-1/2" dia. 5/16" wall	4-1/2" dia. 3/8" wall	4-1/2" dia. 3/8" wall

**Size of Material Cut:** Up to 1" diameter grass and weeds

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



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# REACHING ABOVE & BEYOND

- An economical mower priced to fit any budget.
- Made for municipal mowing beyond guardrails and around roadside barriers.



- Fully integrated front axle stabilizer.
- High frame design with elevated turning arm.
- 18', 22', and 25' reach available.

 **SAMURAI****SAMURAI™****Boom Mower**



## Performance with Convenience

Standard equipment includes greaseable, hardened steel bushings in reinforced housings for maximum performance and minimal maintenance.

## Greater Maneuverability

A four-bar linkage allows the cutting head to be maneuvered up to 215°, making it easier to cut in hard to reach areas such as steep ditch banks and over guardrails.

## Made for Municipal Mowing

Heavy duty hydraulic lift cylinders are strategically placed to provide for maximum clearance when the boom is extended to full reach.

## Sturdy Mounting

The rail-mounted Samurai™ frame reaches from the front bolster to the rear axle, specifically excluding attachment to the transmission bell housing.

## Convenience with Ease

An optional joystick may be used in lieu of standard manual levers to allow the operator proportional control of the boom functions at the touch of a hand.

## Easily and Safely Transportable

The Samurai™ can be transported down any standard roadway with ease. The axle-mounted boom rest safely cradles the unit during transport.



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**Always purchase genuine OEM parts.**  
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**ALWAYS ON THE CUTTING EDGE™**

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## Additional Specifications

**Tractor Requirements:** 80 engine hp with an 85" wheelbase and 6,000 lb. shipping weight

**Warranty:** One year parts and labor. Nongovernmental users are subject to a modified policy. Only genuine Alamo Industrial® parts may be used for warranty replacement.

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# CUTTING YOUR BUDGET

- Economically Priced
- Easy Installation
- Suitable For Municipal And Agricultural Markets

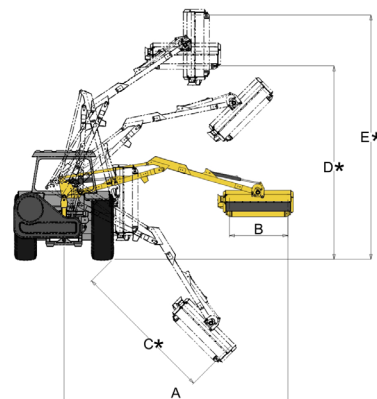


**Rear Mount Boom Mower**

- Self-Contained Hydraulic System
- Integrated Safety Break-Away
- Parallel Arm Geometry
- Simple Remote Cable Controls



	PA41	PA47	PA48M
Minimum Horsepower Requirement (PTO hp)	45	50	60
Minimum Tractor Weight (lbs)	4,410	5,512	6,614
Maximum Horizontal Reach (ft/in)	13' 8"	14' 0"	15' 0"
Maximum Vertical Reach (ft/in)	16' 8"	16' 0"	16' 5"
Machine Weight With Flail & Oil (lbs)	1,409	2,151	2,750
Output Horsepower (hp)	25	45	54
Oil Reservoir Capacity (gal)	17	39	47
Flail Head Option	39"	47"	47"
Rotary Head Option	n/a	48"	48"
Cutting Capacity	1"	2"	2"
Hitch Design	CAT I/II	CAT II	CAT II



	PA41	PA47	PA48M
<b>A</b>	4.18m (13'8")	4.27m (14'0")	4.59m (15'0")
<b>B</b>	1.0m (39")	1.2m (47")	1.2m (47")
<b>C*</b>	2.77m (9'1")	2.73m (8'11")	2.97m (9'8")
<b>D*</b>	4.25m (13'11")	3.88m (12'8")	3.97m (13'0")
<b>E*</b>	5.09m (16'8")	4.88m (16'0")	5.01m (16'5")

\* DEPENDENT ON TRACTOR MODEL  
AND TIRE SIZE/CONFIGURATION

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**BUILT SHARPER**

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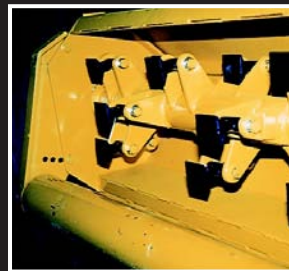


# TWO HEADS ARE BETTER THAN ONE...



## 50" and 60" Rotary

Made for cutting grassweeds and brush up to 5" in diameter, the rotary head comes in 50" and 60" models. The top deck is made of 10-gauge steel with 3/8" thick side skirts. All hydraulic hoses are attached to the cutting head from the rear, reducing chances of entanglement. The rotary head features a stacked 3-leaf blade bar with two heavy duty flat 14-5/8" blades.



## Flail-Axe® Brush Cutter

This flail cutting head will cut a 4" swath through vegetation up to 4" in diameter. Sixteen 2-pound knives are attached to a 4-1/2" diameter steel tube making this cutting head one of the most effective on the market today. The deck is made of 10 gauge steel and the end plates are 3/8" thick. It has full length, replaceable skid shoes and a 5-1/2" diameter rear roller, with adjustable cutting height from 3/4" to 6"



## BuzzBar®

Ready available in 2 and 3-blade versions, the BuzzBar® features 26" saw blades that are capable of slicing through trees and limbs up to 6" in diameter leaving a smooth, clean cut.



## Heavy-Duty Grass Flail 60

The Heavy-Duty Flail is ideal for cutting grass. It has a 59-inch cutting width with an adjustable cutting height from 3/4" up to 4". The cutter shaft has an outside diameter of 5-1/2" with a 3/8 thick wall for durability. The end plates are 5/16" thick. The heavy-duty flail knives, forty in all, will rotate up to 3,600 RPM's leaving a smooth, finished cut.



## Quick Hitch®

Take advantage of the option to use more than on cutting head with our Quick Hitch® quick mounting system. Change Mowing heads in approximately 10 minutes in the shop or the field. Tackle different types of vegetation while saving your valuable time!

A smart and efficient option.

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# A SUPERIOR MOWER- THE LONG AND THE SHORT OF IT.



Reach high into trees, over the guardrails down steep slopes, and around the waterways. Power through these tough mowing challenges with the ability to reach up to 30'. Swing wide, up to 180° mow in tight spaces within 6" of the tires all by operating with a single one-touch controlled joystick. One of a kind performance and features. The Alamo Industrial® Maverick™ Boom Mower.



Maverick™

BUILT SHARPER™

# AVAILABLE IN VARIABLE LENGTH REACHES OF 21' – 24' & 27' – 30'

# INDUSTRY BREAKTHROUGH



## Additional Specifications

Tractor Requirements:	24"	30"
	Minimum of 8,500 lbs. and 90 HP. Minimum 90" wheelbase and 18" of ground clearance.	Minimum of 9,500 lbs. and 90 HP. Minimum 100" wheelbase and 18" of ground clearance.
	2WD tractors may be used, 4wd is recommended	4WD tractors only
Boom Shipping Weight:	8,000 lbs. (approx.)	10,000 lbs. (approx.)

\* Weights are approximate figures only. Variable factors on your order will conclude specific weights for each combination. \* All tractor/mower combinations should be approved by Alamo Industrial engineering before order is placed.

Warranty: Minimum one year parts and labor. Non-governmental users are subject to a modified policy. Only genuine Alamo Industrial parts may be used for warranty replacement.

1502 East Walnut St. • Seguin, Texas 78155

1-800-882-5762

www.alamo-industrial.com



# A SMART DESIGN FOR THOSE THAT WANT THE MOST FROM THEIR INVESTMENT

## Designed For Performance

A cast iron, piston type motor rated at 205 HP provides power to the cutting head with a spindle speed of 1,200 RPM and 4,916 inch lbs. of torque. This translates into high quality cutting action

## Powerful Cutting Action

The 60" Rotary features a top deck made of 11-gauge allow steel and 1/4" side skirts. The stacked 3-leaf blade bar with two heavy duty flat blades is capable of mowing grass, weeds and brush up to 50" diameter. A hydraulic door is also featured for greater mulching capabilities.

## Ease Of Transport

A two-piece boom rest is mounted to the tractor to cradle the boom securely when in transport position.

A hydraulic pivot enables the 60" rotary to be transported within 108°



Bottom piece of boom rest shown above.

## Made To Last

The main pivots utilize 2" chrome pins with greaseable, hardened steel bushings to promote durability.

## Durable and Strong

The boom structure itself is made completely of high strength alloy steel and constructed of a designed, box section geometry for optimum strength to weight ratio.



## Exclusively Unique Design (Patent Pending)

A slewing ring, mated by means of a turret, is featured in lieu of an industry standard king post. The ring provides for a full 180° of boom swing from the front of the tractor to the rear.



## Smart Construction

The boom features three main components: lift, dipper, and telescopic sections.

The telescopic section reaches 3' when fully extended allowing the boom to meet variable lengths.



## Sturdy Movement

Available 4wd tractors only, a front axle-mounted stabilizer cylinder (patent pending) provides automatic self-adjusting stability of the full package unit when in operation.



## Efficient Hydraulics

The unit features a front-mounted tandem pump set. A closed-loop piston pump, and a thermostatically controlled oil-to-air cooler generate and cool the flow for the motor circuit. The control circuit features a load sensing piston pump and electro-hydraulic control valve. The self contained system eliminates hydraulic connections to the tractor's system.



## Sharp Mount

The modular construction frame, made from heavy duty alloy steel, is completely bolted to the underside of the tractor utilizing a modular center weldment with front and rear attaching rails. This type of mount allows for unrestricted movement of the boom and offers no obstruction to forward vision.



## Greater Boom Maneuverability

Four bar Linkage allows the cutting head to be maneuvered at greater angles making it easier to cut in hard-to-reach areas suchh as steep ditch banks and over guardrails.



## Ease of Operation

A standard joystick allows the operator to control all boom functions simultaneously. Also featured is a CAN based data acquisition system providing diagnostics and fault code memory to the operator by a user display mounted in operators view within the cab. An emergency shutdown is located within easy reach for complete power shutoff of entire motor circuit should it be necessary.

## Safety Isn't Optional

Polycarbonate window protection is featured as standard equipment on all cab as well as rops tractor variations to contribute to operator safety.



**60" Rotary**

Made for cutting grass, weeds, and brush up to 5" in diameter, the 60" rotary head has a cutting swath of 58-1/2". The top deck is made of 10 gauge steel with 1/4" thick side skirts. All hydraulic hoses are attached to the cutting head from the rear, reducing chances of entanglement. The rotary head features a stacked 3-leaf blade bar with two heavy-duty flat 14-5/8" blades.

**50" Boom-Axe®**

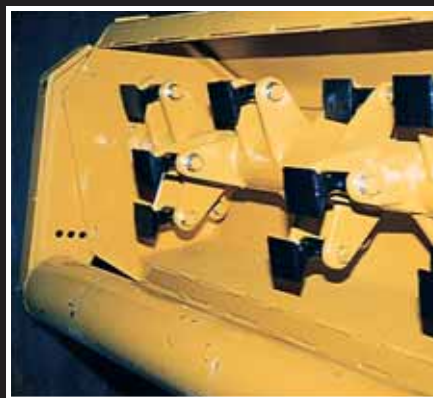
If heavy-duty brush cutting up to 5" thick material is on your agenda, the Boom-Axe is the right machine to turn to. Made from strong 10-gauge steel, the Boom-Axe features a hydraulic door for exposing the pan assembly with 3 tempered steel blades standard. A piston-type motor at 4,000 PSI powers the unit.

**Ditcher**

Simplify your water-flow problems. Eliminate standing water where mosquitoes breed or remove dirt and debris from roadway ditches with the heavy duty hydraulic rotary ditcher head. The Ditcher reaches out up to 12' when attached to an Alamo boom mower.

**Flail-Axe® Brush Cutter**

This flail cutting head will cut a 4' swath through vegetation up to 4" in diameter. Sixteen 2-pound knives are attached to a 4-1/2" diameter steel tube making this cutting head one of the most effective on the market today. Mounting on the 21- or 24-ft Machete boom gives you a winning combination of reach and cut. The deck is made of 10 gauge steel and the end plates are 3/8" thick. It has full length, replaceable skid shoes and a 5-1/2" diameter rear roller, with adjustable cutting height from 3/4" to 6".

**Timber Cat® Sickle Bar Limb Cutter**

The Timber Cat Sickle Bar Limb Cutter is ideal for trimming trees in populated areas. It is capable of cutting limbs up to 4" in diameter and leaving a smooth, clean cut. When cut, the limbs drop directly to the ground. The heavy-duty cutting blade is 5/8" thick and made of continuously milled T-1 steel. The Timber Cat is available in 5 or 7-foot wide models.

**Heavy-Duty Grass Flail 60**

The Heavy-Duty Flail is ideal for cutting grass. It has a 59-inch cutting width with an adjustable cutting height from 3/4" up to 4". The cutter shaft has an outside diameter of 5-1/2" with a 3/8" thick wall for durability. The end plates are 5/16" thick. The heavy-duty flail knives, forty in all, will rotate up to 3,600 RPM's leaving a smooth, finished cut.

**BuzzBar®**

Available in 2, 3, and 4 blade models, the BuzzBar features 26" saw blades that are capable of slicing through trees and limbs up to 6" in diameter leaving a smooth, clean cut. The look of a chainsaw without the work!

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

The Machete® is the new generation of boom mower. It is built stronger and has more power than any other boom mower, in its class, on the market today. Using advanced technology, our engineering department has designed a vegetation control machine that meets today's and tomorrow's needs. The Machete is that machine.

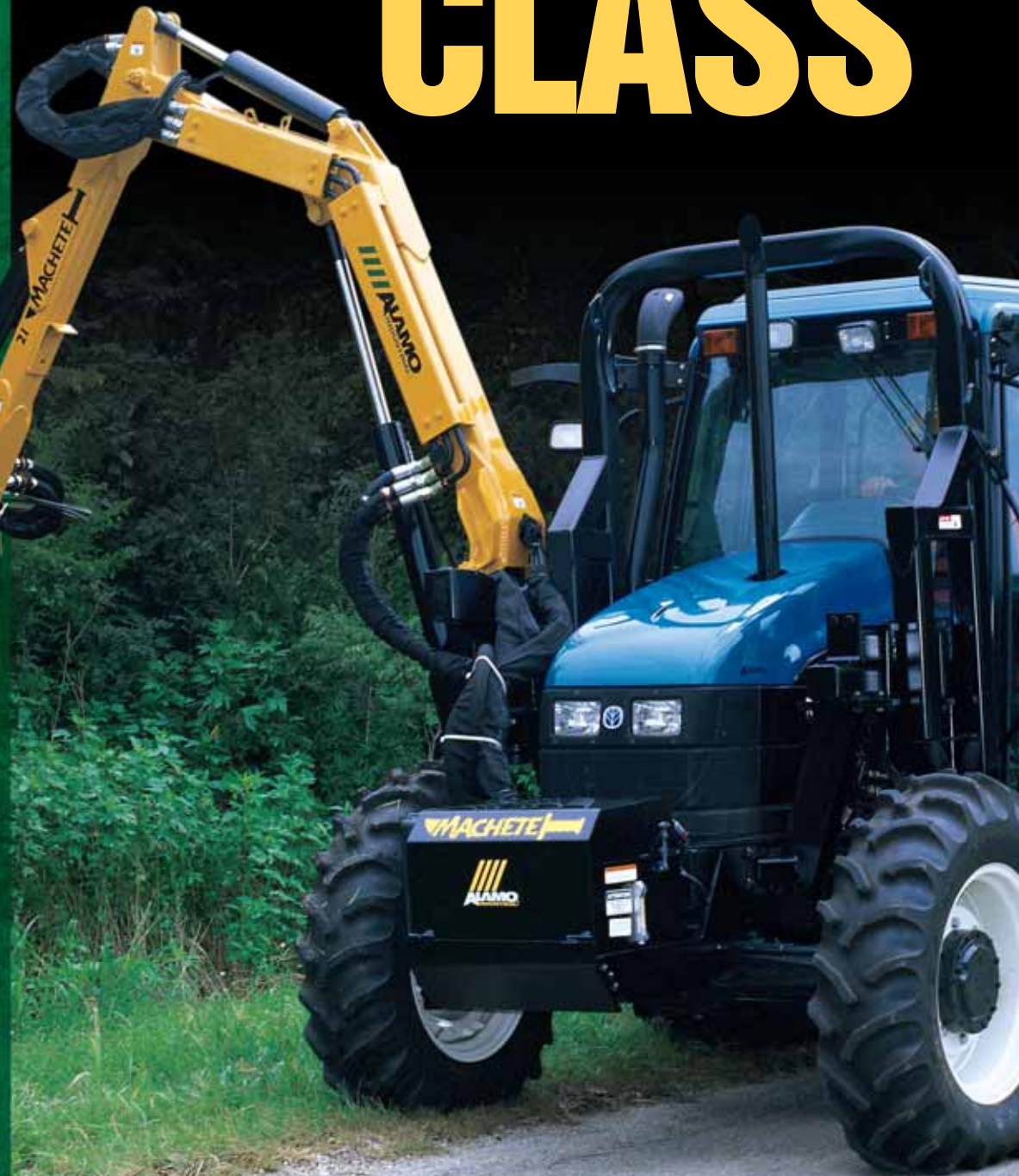


This pamphlet is published to help you understand the technological advances that went into manufacturing The Machete. In this pamphlet we will discuss the benefits of the following:

- Closed-loop hydraulics
- Hydraulic piston pump and motor
- Single joystick control
- The use of high-strength alloy steel
- Plated 2-1/2" kingpins
- Interchangeable PTFE (Teflon®) bearings
- Electrohydraulic proportional control
- Stronger sub-frame and cross members
- Low shock, on-demand hydraulic delivery
- Various cutting heads available

And much, much more...

# HEAD OF THE CLASS



**ALAMO**  
INDUSTRIAL  
**BUILT SHARPER™**

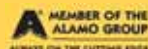
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# Why The Makes The Most Sense!

## Heavy-Duty Frame

Heavy 4" x 6" steel tubing is used for the sub-frame beam and cross member. This tubing is 63% stronger than conventional frames. In addition to providing a solid base for the boom, it is built to handle tougher jobs than the lighter-weight boom frames.

The kingpost assembly has bearings that are impregnated with friction-reducing PTFE (Teflon®). These PTFE bearings do not require grease and will last five to ten times longer than regular bearings.

The kingpin is chrome plated and 2-1/2" in diameter. The kingpin takes the brunt of the force put on the boom during use and this larger than normal kingpin is built to handle the additional strain. Chrome plating will eliminate rust and provide a harder surface for the bearing to increase its life.

The kingpost bearings have a total surface area of 46 square-inches. This large bearing surface reduces the normal friction incurred while using the boom for more strenuous tasks.



## Super-Powerful Boom

T-1 steel plates are used at the lift and dipper arm pivot points. These high strength steel plates provide these pivot points with additional strength and durability.

Chrome-plated 1-1/2" pins are used at all pivot points on the boom. These pins, which are 16 - 33% larger than regular pins, are used to provide the extra strength necessary for this powerful machine. Positive retention is used to reduce movement causing unnecessary wear.

Chrome plating provides a hard, rust free surface in the bearing area. As in other areas of the Machete, interchangeable PTFE-impregnated bearings are used at all pivot points. Because the PTFE bearings are interchangeable, you are not required to keep several different sizes of bearings on hand.

## Cylinders For Today's Needs

The swing cylinder is designed to minimize the forces applied to the cylinder rod during breakaway, reducing the risk of damage and extreme wear. This is accomplished by mounting the cylinder in such a way that the force of the boom breakaway is borne by the non-rod side of the cylinder.



All cylinders are engineered for greater duty cycle and extra life span. Cylinder ports, where hydraulic hoses attach to cylinders, are 3/8" in diameter compared to 1/4" in diameter on most competitive machines. This also allows for greater cylinder speed.



All cylinders have 1-1/2" chrome plated pins with Teflon-impregnated bearings in the pivot points. This insures greatly reduced wear on the cylinders and pins. These tough Teflon bearings will outlast regular, greasable bearings five to ten times. Teflon bearings also eliminate the need for daily greasing of the bearings.



## Efficient Hydraulic System

The Machete features a "Closed-Loop Hydraulic System". This system provides more efficiency, energy, and safety than a comparable size open-loop hydraulic system because: when the Machete cutting head is turned off, the hydraulic load-sensing pump is also idle. This saves wear and tear on the hydraulic system during transportation, etc...

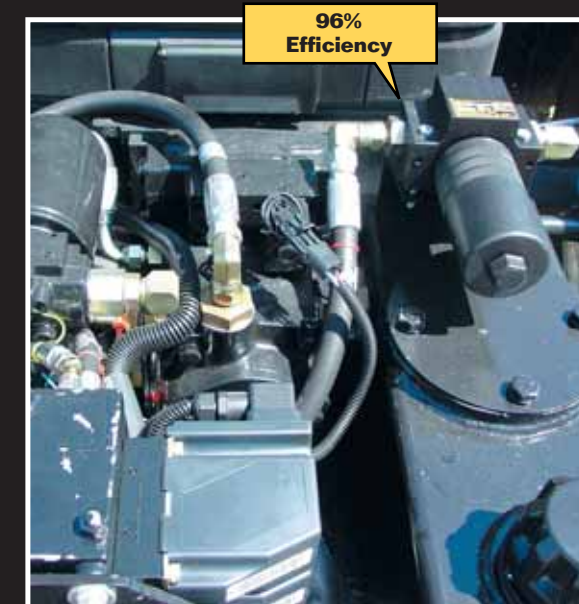
By using a piston pump and motor, 96% efficiency is achieved because more energy is transmitted and less oil is lost to slippage than the standard gear system as it is transmitted to the mechanical elements within the system.

High pressure, 4,000 psi, requires less oil to power output with the closed-loop hydraulic system. A smaller hydraulic tank, with a capacity of 17 gallons, is mounted on the front of the tractor. This smaller, front-mounted tank, eliminates the need for the larger 60 gallon tanks used on conventional booms, and allows easier access to the operators compartment.

Low-shock start-up is another feature of the Machete. When the power to the cutting head is turned on, it will take approximately six-seconds for the blades to come up to full speed in a smooth and nonviolent manner.

Likewise, when the cutting head is turned off, the blades will stop spinning in approximately six-seconds. The shutdown switch is a large "panic button". This safety feature is very useful when the operator finds it necessary to shut down the blades quickly.

The closed-loop hydrostatic piston system runs cooler because it operates at a higher efficiency level than conventional open-loop gear systems due to the removal of power stealing friction losses, internal bypass return line filters, large hydraulic tanks, suction strainers, and suction lines.

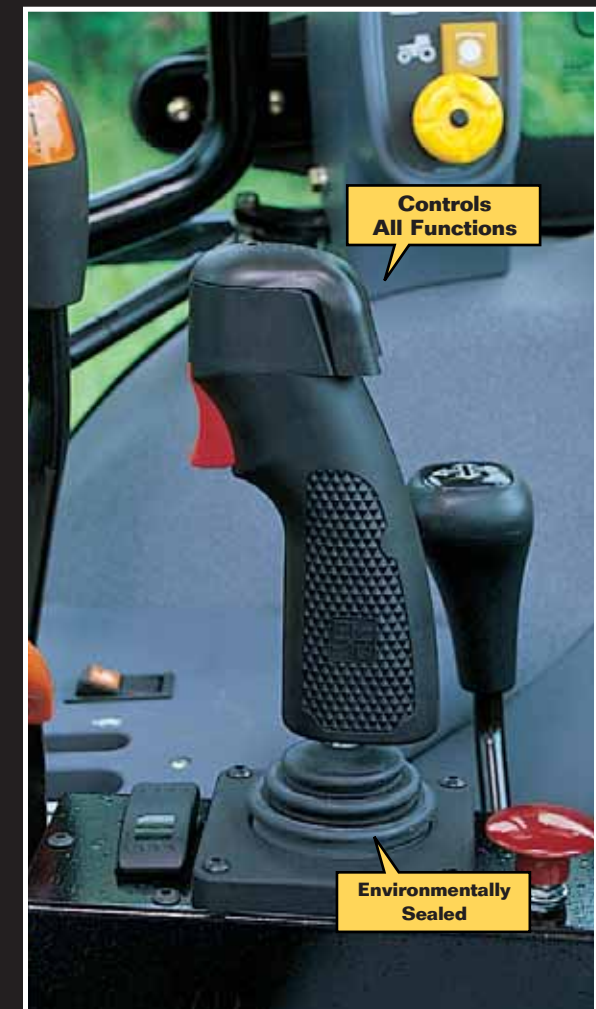


## Convenient Joystick Control

The single joystick control allows the operator proportional control of the swing, lift, and dipper functions of the boom. Proportional control of the valve is defined as the ability to feather the motion of the boom at the desired speed.

The joystick allows the operator to perform all functions of the boom mower with just the touch of a hand. It operates in the same manner as a joystick on a TV or computer game. For example, the operator can raise the boom and reach out at the same time. With practice, using the joystick can become second nature, similar to using your own arm to reach up into the trees and cut the limbs.


Everything possible has been done to make the solid-state electronic controls of the joystick as trouble-free as possible. The electronic controls of the joystick are environmentally sealed. Moisture and dirt cannot penetrate the inside of the box containing the electronic elements. If the operator should have a problem with the joystick control, the entire control box is exchanged to reduce downtime.





# EFFICIENCY WITH STRENGTH

**MACHETE<sup>®</sup>2**  
SECOND GENERATION

A large yellow boom mower is shown in operation on a grassy field. The boom is extended upwards and to the right, with a cutting head at the end. The mower is positioned on the left side of the frame, and the boom extends across the middle of the image. The background is a dark, grassy field.

Unruly vegetation is no match for the power of the Machete<sup>®</sup>2. With 215° head rotation and 120° boom swing, this mower makes a clean sweep of the competition. The ability to cut through material up to five inches in diameter makes it ideal for parks, airports, roadside, and right-of-way clearing.

**Machete<sup>®</sup>2**

**Boom Mower**



# Machete<sup>®</sup>2



## Safely Stored

A two-piece boom rest cradles the boom securely in place while in transport and storage.



## Built with Strength

The boom is constructed of a two-piece design and made completely of heavy duty alloy steel for longevity. It features 2" pins with greaseable, hardened steel bushings.

## Optimal Visibility

A high frame is featured to improve operator visibility.

## Convenient Control

A joystick control is standard equipment and keeps all boom functions at your fingertips.

## Versatility You Need

An improved four-bar design allows for 215° head rotation to maneuver into tight spaces. An optional head swivel reduces overall transport width.

## Designed for Longevity

The heavy duty cast turning arm features a 2 1/2" diameter king pin which swings up to 120°. All pivot points feature greaseable, hardened steel bushings to insure maximum bearing life.

## Heavy Duty Cutting

Cut up to 5" diameter material with the rotary cutting head available in 50" and 60" widths. Choose from a variety of heads to fit your application from grass to limbs and brush.

## Efficient Hydraulics

The unit features a closed loop piston pump for the motor circuit, while the control circuit features a load sensing piston pump and electro-hydraulic control valve. The self contained system allows the Machete<sup>®</sup>2 hydraulic system to operate independent of the tractor's system.

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## Additional Specifications

Tractor Requirements: 80 engine hp with an 85" wheelbase and 6,000lb. shipping weight

Warranty: One year parts and labor. Nongovernmental users are subject to a modified policy. Only genuine Alamo Industrial<sup>®</sup> parts may be used for warranty replacement.



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genuine OEM parts.  
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# Flail Mowers



**Interstater<sup>®</sup>**

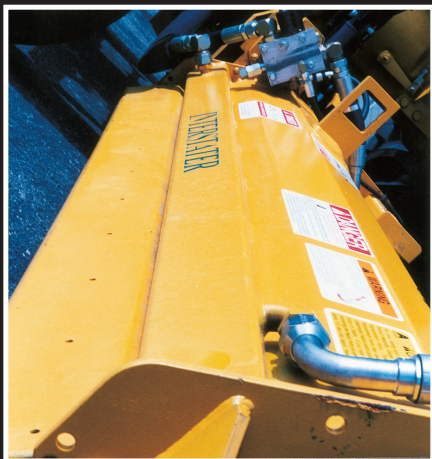
**ALAMO<sup>®</sup>**  
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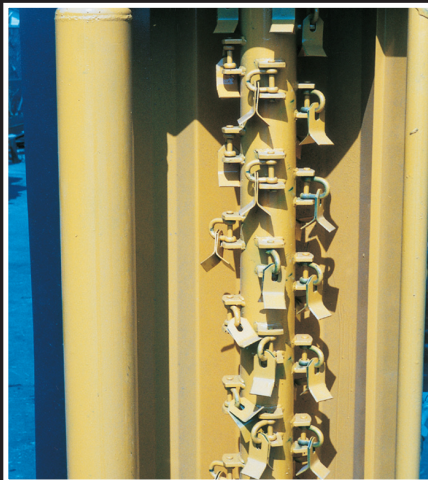
## Unique In-Frame Cooling

A unique feature of the Interstater® mowing wing is the in-frame cooling system which is used to maintain the proper oil temperature while providing a constant power flow. Heated hydraulic oil is passed through tubes on top of the wing units. Forced air, from the spinning knives, flows over these tubes to cool the oil inside. A 25-gallon hydraulic reserve oil tank is front-mounted for improved operator vision.



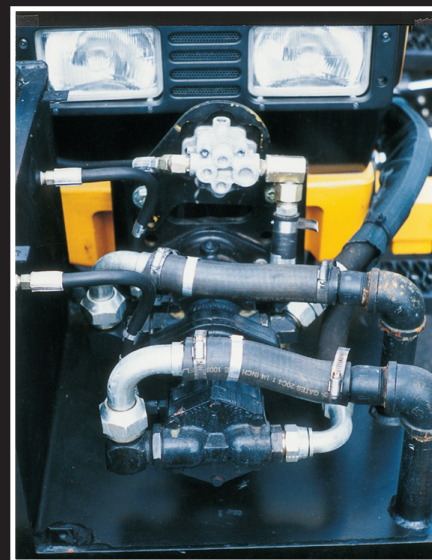
## Mowing Units

Top decks are made of strong 10-gauge steel while the end plates are 1/2" thick steel for the inboard and 5/16" thick steel for the outboard. The units have a 6" full-length rear roller that is adjustable from 1/2" to 6". This roller is adjustable in 1/2" increments. The full-length skid shoes are replaceable. The units are standard equipped with 3-ounce coarse-cut knives.



## Hydraulic Pump

The front-mounted hydraulic pump is driven from the crankshaft of the tractor. Twin piston pumps provide the power for the wing mowing units. Each hydraulic circuit has its own pressure relief and the oil is fully filtered by a return line filter.



## Specifications

### Frame:

The Interstater's full-length frame is mounted to the front of the tractor's bolster housing and pads at the rear of the tractor and includes a positive transport lockup position. The frame is not mounted to the bell-housing. Some frames may require offset mounting.

### Hydraulics:

The hydraulics are driven by the tractor's crankshaft. Twin piston pumps, operated at 24 GPM at 4000 PSI and 53 HP, power the cutter heads. The 25-gallon hydraulic reservoir tank is front-mounted. The hydraulic oil is fully filtered by a return line filter, rated at 12 microns and an ISO cleanliness rating of 18/13. A pressure relief is used on every hydraulic circuit. The unit features an in-frame cooling system to maintain proper oil temperature.

### Wings:

The mowing wings are hydraulically-driven. (See separate section for cutting widths for various mowing wing sizes). The top deck is made of sturdy 10-gauge steel and the end-plates are 1/2" thick for the inboard and 5/16" thick for the outboard, and have bearing guards. The unit has full-length replaceable skid shoes and a 6" full-length rear roller that is adjustable in 1/2" increments from 1/2" to 6" high. The rear roller bearings are hex shaped, 1-5/32" across the corners, self-aligning with steel cap outboard and a neoprene seal inboard.

### Cutter Shaft:

The unit uses a balanced 4-1/2" diameter, 3/8" thick cutter shaft with four rows of knives. The knife tip speed is 8900 FPM. Anti-wrap guarding is provided to reduce material getting into the bearing. The cutter shaft bearings are greaseable, sealed, self-aligning, 1-15/16", and rated at 3300 lbs. The cutter shaft is attached to the housing with 6, grade 5, 3/8" bolts.

## Optional Equipment

#### Cutting knives:

- Coarse cut - Standard mounted on heat-treated clevis rings
- Extreme Service
- Heavy Duty - 1/4" thick
- Fine Cut
- Fine Cut, Rock & Trash

#### Rubber covered rollers

- Special paint
- Reverse rotation cutter shaft
- Remote control wing for raising and lowering on cab tractors

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

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### Control Valve:

Precision control of this mowing unit is gained by using a 4-spool valve, open-center system, with a main pressure relief and detent position on all four sections.

### Cylinders:

Lift: 3" bore, 8" stroke, capable of 14" horizontal lift. Tilt: 3-1/2" bore, 9" stroke, capable of cutting 40° downward and 57° upward without leaving a strip of grass between the side and rear mowers.

### Rear Mower:

The rear unit is mechanically-driven. The mower deck is constructed using the same material as the wings. All rear Interstater units have a cutting width of 88", replaceable skid shoes and 6" full-length rear roller and bearings (same as wing).

### Knives:

All units come standard equipped with coarse-cut knives each weighing 3-ounces. The knives are mounted to the cutter shaft by heat-treated clevis rings. These rings are held in place by a 3/8" diameter pins with a cotter pin keeper.

### Safety Equipment:

Front metal foot-guard will deflect trash and serve as an anti-foot probe. Rubber/fabric trash deflectors are attached to the rear of all mower decks. Automatic cutoff switches that disengage the wing mowers when raised above a preset vertical angle are included. Also included is a starter switch safety lockout when the wing mowers are engaged.

### Wing Mower Cutting Widths:

- 20' 9" Interstater, 88" Rear Flail, 88" Left & Right Wings
- 18' 5" Interstater, 88" Rear Flail, 74" Left & Right Wings
- 16' 5" Interstater, 88" Rear Flail, 60" Left & Right Wings
- 13' 2" Single-Side Interstater, 88" Rear Flail & 88" Right Wing
- 12' 2" Single-Side Interstater, 88" Rear Flail & 74" Right Wing

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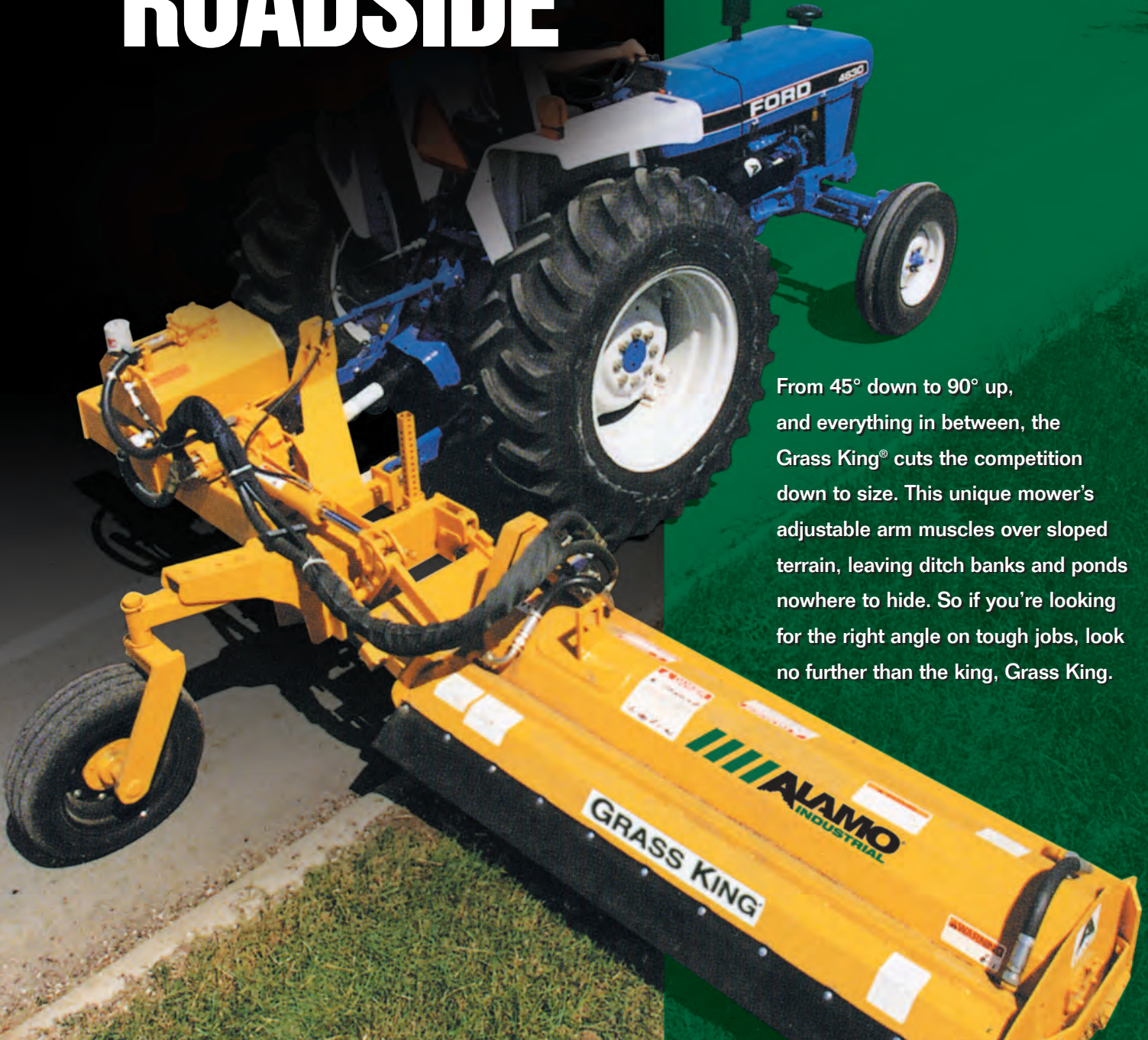
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**Grass King®****Flail Mowers**

# RULES THE ROADSIDE



From 45° down to 90° up, and everything in between, the Grass King® cuts the competition down to size. This unique mower's adjustable arm muscles over sloped terrain, leaving ditch banks and ponds nowhere to hide. So if you're looking for the right angle on tough jobs, look no further than the king, Grass King.

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**Grass King®****BUILT SHARPER™**



# Grass King®

Available in both 62" and 74" models, for over 20 years, the Grass King® has been mowing not only roadsides, but parks, school grounds, and golf courses where a neat, finished appearance is needed. The ability to choose the type of cutting knife allows you to tailor the mower to your specific cutting applications. Mow in hard to reach places such as over ditch banks and around ponds with more ease than ever before all with the convenience of having the versatility to use your tractor for other applications!

## Mounting

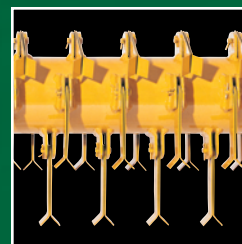
Convenient three point hitch mount with self-contained hydraulics offers the versatility you need in order to unmount quickly and use the tractor for other jobs.

## Support

A 20-ply full-swiveling tailwheel supports most of the approximately 1,800 lbs. of mower weight.

## Power

Power for the unit is supplied by the same piston pump and motor assembly proven on the Alamo Industrial (Mott) Interstater® flail mowing system. This system is capable of transmitting up to 70 HP at 540 PTO RPM, more than twice the cutting power of all known competitors.



## Flexibility

A four-bar folding linkage allows the single hydraulic cylinder to position the mower from 45° down for ditch bank trimming to 90° up for transport down any standard roadside with ease.

## Adjustable

A full floating, adjustable CAT I or II hitch allows the unit to fit smaller tractors from 50-90 HP range. The adjustment permits the flail to be positioned to cut outside the rear tractor tire.

## Cutting Knives

An array of cutting knives is offered enabling you to virtually choose the finished appearance of cut and tailor the mower to your specific cutting needs. Free-swinging, self-cleaning, reversible. Choose from:

- Coarse Cut - Standard, mounted on heat-treated clevis rings
- Extreme Service - Optional
- Fine Cut (shown in photo) - Optional

## Discharge Area

A full-width rubber deflector is mounted on the rear of the cutting head to aid in the even distribution of grass clippings. Also featured is a greasable 6" diameter roller bar with self-aligning bearings and end caps for added protection.



## Additional Options

- Cutting Knives
- Check Chains (Cat I or Cat II)
- Jack Assembly
- Special Mower Paint

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## Additional Specifications

### Cutting Widths:

62" and 74"

### Cutting Height:

Fully adjustable from 1/2" to 6" in 1/2" increments

### Cutting Housing:

10-Gauge Top and 5-16" End-Plates with Bearing Guards

### Skid Shoes:

Full length, Replaceable

### Cutter Shaft:

Dynamically Balanced - 4 1/2" Diameter, 3/8" Wall

### Cutter Shaft Bearings:

1 - 15/16" Bore greasable, sealed, self-aligning

### Rear Roller:

6" diameter, 1/4" wall, full-length tube rated at 6,000 lbs.

### Approximate Weight:

62" - 1720 lbs., 74" - 1870 lbs.

### Knife Pairs

62" - 36 Coarse Cut, 76 Fine Cut  
74" - 36 Coarse Cut, 92 Fine Cut

### Tractor HP Requirements:

Minimum 50-90 HP

### Size of Material Cut:

Up to 1" diameter grass and weeds

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

1500/1008/WM

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# FALCON 15™

# Rotary Mowers

# HYDRAULIC POWER MEETS MECHANICAL STRENGTH



Unruly vegetation is no match for the hydraulic Falcon™ Flex-Wing rotary mower. Its strength, power and safety features such as automatic shutoff that stops the blades from spinning when the wings are elevated make it one of the most advanced mowers on the market. With the Falcon, you have the flexibility to engage the side of the mower you need without posing the danger of exposed spinning blades to your operators or bystanders. This makes this hydraulic flex-wing perfect for hunting down overgrown vegetation on expansive spaces like medians and right of ways as well as airports, parks and school grounds.

# FALCON 15™

**ALAMO**  
INDUSTRIAL  
**BUILT SHARPER™**



# Falcon 15™

Designed for optimum performance and safety, the Falcon™ mows cutting paths ranging from 10' to 15'. This hydraulic flex-wing incorporates safety features such as no moving parts on the top deck and automatic blade shutoff when the wing is lifted.

## Hydraulic Power

Power for the unit is provided by three hydraulic gear-type motors with a high capacity 35-gallon tank. The motor control electrical circuit utilizes environmentally sealed Weather-Pack and Metri-Pack wire connectors to withstand harsh mowing environments.

## Rugged Construction

The Falcon shares the same rugged mower chassis as the field-proven mechanical Eagle™ Flex-Wing. The unit is continuously welded to enhance strength and durability for rough municipal mowing.

## Safety In Mind

Standard double-row chainguards provide 2-layers of protection to help prevent material from being thrown out from under the machine.

## Choose Your Width

The Falcon 15' is also available in a 10' version which is exactly the same base model excluding the left wing.

## Optimal Visibility

The operator has the ability to view site gauges from inside the tractor cab for continuous monitoring of hydraulic filter condition, fluid level and fluid temperature.

## Mount

The Falcon mounts to tractors with a minimum 50 PTO HP and features a self-level lift drawbar hitch design for uniform cutting.

## Easily Replaceable Parts

Bolt-on side skirts provide ease of maintenance and replaceable skid shoes help protect the mower from damaging ground contact.

## Productivity Includes Safety

The blades will cut 3-1/2" diameter grass and weeds. A deck ring prevents the blades from contacting the top deck. For safety with productivity in mind, an automatic shutoff system engages individually on either wing when lifted above 45° from the ground allowing for productivity in small spaces without the hazard of exposed spinning blades.

This information is intended to be of a general nature only; specifications are subject to change without notice as we continue to improve our products.

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## Additional Specifications

Overall Width: 186"  
Overall Length: 183"  
Overall Height: 85-1/2"  
Overall Transport Width: 96"  
Overall Cutting Width: 180"  
Cutting Capacity: 3-1/2" material  
Unit Shipping Weight: 5,420 lbs.

Warranty: Minimum one year parts and labor.  
Non-governmental users are subject to a modified policy.  
Only genuine Alamo Industrial parts may be used for warranty replacement.

5,000/308/WM

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**Exten-A-Kut® II**

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# Exten-A-Kut® II Rotary Mower



The EXTEN-A-KUT® II offset mower is designed for cutting grass, weeds, and brush up to 1" in diameter along road-sides, ditch-banks, and other hard-to-reach areas including pond and creek banks. The hydraulically-powered arm can extend the mowing head out 12-feet, 6-inches from the tractor center-line. Being hydraulically-driven, there are no mechanical drive-lines, belts, pulleys, U-joints, or complicated drives. The hydraulic system is powered by a gear pump operating at 39-gallons-per-minute at 540 PTO, which will provide the power you need in tough mowing situations. The operating range of the cutting head is 85-degrees up and 70-degrees down allowing the operator to mow in many different circumstances that are impossible with ordinary mowers. Counterweight is provided with a 60-gallon hydraulic reservoir tank. The large hydraulic oil tank will also permit the system to run cooler in rough mowing conditions. Recommended tractor size is 60-HP, however a 45-HP tractor may be used with ample front-end counterweight.

## SPECIFICATIONS

### MOUNTING:

The EXTEN-A-KUT II mounts to the tractor using the CAT II three-point hitch. A tractor size of 60-HP is recommended. A smaller tractor with 45-HP may be used, however ample front-end counterweight will be required.

### CUTTING HEAD:

The cutting head has mowing swath of 59-3/4". It will cut through up to 1" diameter vegetation and is adjustable from 3-1/4" to 9-1/2" with adjustable tailwheel. The overall width of the mower is 67-1/2" and height is 22-3/4". The blade is a single spindle blade carrier, the blade with clockwise rotation. Available with a bar or pan blade carrier, the blade length from pin center to tip is 18-1/8". The top deck is constructed using 10-gauge steel. The mower has a tilt angle of 85-degrees up through 70-degrees down. Front and rear deflector flaps are standard.

### ARM EXTENSION:

The EXTEN-A-KUT II arm can extend the mower head out to a maximum of 12-feet, 6-inches from the center-line of the tractor.

### HYDRAULIC PUMP:

The hydraulic pump is gear-type with an operating pressure rating of 2,500 PSI. The pump operates at 39 GPM at 540 PTO which provides a blade tip speed of 22,220 FPM.

### HYDRAULIC MOTOR:

The hydraulic motor is also gear-type with a 2,500 PSI relief setting. The unit is equipped with a 1" diameter pressure and return hose and a 1-1/4" diameter suction hose. The EXTEN-A-KUT II uses a 60-gallon hydraulic reservoir tank which will allow the unit to run cooler in tough mowing conditions and also provides counterweight.

### OPTIONS:

Available in 540 or 1000 PTO

CAT II or III quick coupler.

Replaceable skid shoes.

4" x 8" Tailwheel.

Front-end counterweight.

Front and rear chain guards.

# Exten-A-Kut® II

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# THE EAGLE HAS LANDED

Set your worries free and glide into the performance and durability of the Alamo Industrial® Eagle 15™ Flex-wing Rotary Mower. Higher rated horsepower gearboxes, a thick deck design, and improved blade tip speeds now offer you the power to cut up to 3-1/2" diameter grass, weeds and brush. Cover more area in less time, all with the trust of an established brand behind you.



## EAGLE 15™

**ALAMO**  
INDUSTRIAL

**Eagle 15™**

**BUILT SHARPER™**



# Eagle 15™

## Convenient Mount

Attached to the tractor using a level-lift drawbar hitch design, the unit is easily and conveniently mounted. A jack stand comes standard for proper storage of the unit when not in use as well as a safety tow chain.

## Safety In Mind

Standard double-row chainguards provide 2-layers of protection to help prevent material from being thrown out from under the machine.

## Durable Tires

Replaceable, puncture resistant, foam-filled airplane tires provide reliable movement of the unit and contribute to steady transport.

## Safely Transported

The unit may be moved down any standard road with ease with its 96" transport width. A newly designed safety lock is featured for additional protection during highway transport.

## Superior Power

The main driveline is CAT 5 constant velocity with CAT 5 wing drivelines featured with slip clutch protection against heavy shock loading.

A 235 HP divider coupled with 205 HP center and wing gearboxes provide the power you need to get through heavily vegetated areas with reliability. Routine maintenance is a snap with newly designed dipsticks featured on the wing gearboxes.



## Optimal Cutting Performance

A reinforced heavy duty steel pan blade carrier features (2) free-swinging 1/2" x 4" updraft blades capable of cutting up to 3-1/2" diameter grass, weeds and brush. Blade tip speeds have been increased now performing at a minimal 16,286 FPM, which translates into better cutting performance for you.

A standard deck ring incorporates a round rolled flat bar ring welded to the underside of the deck preventing the blades from contacting the deck.



Replaceable skid shoes help protect the mower from damaging ground contact.

## Rugged Construction

An easy-clean 7-gauge deck made of heavy-duty steel and 1/4" x 10-1/2" replaceable, bolt-on side skirts promote durability and longer mower life.

## Level and Adjustment

A hydro-mechanical level lift system is featured for a uniform cut. The mower cutting height may be adjusted from 1/2" to 14-1/2" for your specific application. A spring-cushioned axle absorbs shock when unit is in motion.

## Additional Options

- Open or Closed Center Three-Spool Valve
- Valve Mounting Kit
- Winch & Stand
- Auxiliary Wheel Spindle Kit
- Special Paint

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## Additional Specifications

**Overall Width:**  
186"  
**Overall Length:**  
183"  
**Minimum Tractor HP Requirements:**  
50 HP  
**Gearbox Rating:**  
Power Divider – 235 HP  
Center & Wings – 205 HP

**Blade Tip Speed:**  
Center  
540 RPM – 16,286 RPM  
1,000 RPM – 16,380 RPM  
Wings  
540 RPM – 16,415 RPM  
1,000 RPM – 17,137 RPM  
**Output Shaft Diameter:**  
2-3/8"  
**Unit Shipping Weight:**  
5,695 lbs. (Approx)



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**Warranty:** The mower itself features a minimum one year parts and labor. The gearboxes feature a 5 year limited warranty. Non-governmental users are subject to a modified policy. Only genuine Alamo Industrial parts may be used for warranty replacement.