

## ALAMO INDUSTRIAL® Specifications

# Rotary 60 Cutting Head

It is the purpose of this specification to describe a 60" hydraulically powered boom-mounted rotary cutting for cutting grass and brush on roadsides and other areas that are not accessible to conventional mowing equipment. The unit bid shall be the manufacturer's current production model that meets or exceeds the following minimum specifications. Only a standard production machine can be bid on these specifications and a supplier will not be allowed to modify his standard production unit in order to meet these specifications.

Vendors Spec:

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### **MOUNT:**

The cutterhead shall mount to the Alamo Industrial boom mowers including the Axtreme and Maverick series utilizing a four-bar linkage to allow for 195-degree mowing head rotation.

### **CUTTER HEAD FEATURES & CAPABILITIES:**

The unit shall have a minimum cutting width of 58".

The cutter head shall cut grass, weeds, and brush up to 5" in diameter.

The cutting head top deck shall be constructed using a minimum of A606 alloy steel or equivalent.

The side skirts shall be constructed using a minimum of 3/8" steel.

Top of the deck shall be reinforced with a channel frame and a reinforced spindle mount plate.

The cutting head shall feature full-length, replaceable skid-shoes.

### **Spindle:**

The spindle shall be a minimum of 4-1/2" x 9" heat-treated, H-13 modified, alloy tool steel.

The spindle bearing shall be tapered roller bearings, 2-1/2" ID top and 2-5/8" ID bottom, in a sealed housing.

### **Blade Carrier and Blades:**

The blade carrier shall be three-leaf, stacked blade-bar type with the bottom leaf being made out of T-1® steel. The blades shall be 5/8" x 5" x 14-5/8", 360-degree full-swinging, double-edged, and constructed of tempered steel.

### **OPERATION & POWER:**

#### **Motor:**

The motor shall be a cast-iron, piston-type, rated at 205 HP at 4,100 RPM and 6,000 PSI.

The spindle speed shall be a minimum of 1,220 RPM and 4,916 in. lb. of torque.

#### **Motor Drive:**

The motor drive shall be direct drive, splined and totally enclosed. This specifically excludes a chain or dodge coupler.

### **Safety:**

The front shield shall be hydraulically actuated, center feed, metal door operational from the joystick control.

The rear shield shall be constructed of rubber material.

### **MISCELLANEOUS:**

#### **Weight:**

The cutter head shall have a shipping weight of approximately 1,000 lbs.

#### **Warranty:**

There shall be a minimum one year parts and labor warranty. Non-governmental users are subject to modified policy. Only Alamo Industrial (OEM) parts may be used for warranty replacement.

**Product Liability Insurance:**

*Choose the term that relates directly to your specific bidding situation. Please note that it is the dealer's responsibility to use the correct verbage for the bid type. **DO NOT USE BOTH.***

***Individual Agency Bids***

Bidders must include a copy of mowing equipment manufacturer's Certificate of Insurance for Product Liability of at least \$5,000,000 for the products subject to its bid. The insurance carrier is to be rated "A, VII" or higher by the A.M Best insurance rating service.

***Multi-Unit DOT Bids***

The successful vendor will provide a copy of mowing equipment manufacturer's Certificate of Insurance of at least \$5,000,000 for Product Liability for the products subject to its bid naming the Agency as an additional insured party. The insurance carrier is to be rated "A, VII" or higher by the A.M. Best insurance rating service.