



## CUTTING SYSTEM



# 500 SERIES

Whether you are clearing a site for further development, blazing or maintaining a trail or taming an overgrown fence row Brush Fire has an appetite for clearing the way.

**Dual  
Staggered  
Spirals**



### Rows and Rows of Hungry Teeth

The heart of the Brush Fire system is the design of the rotor. Rows and rows of brush destroying teeth placed in Dual Staggered Spirals. Each tooth is carbide tipped and bolt on replaceable for easy servicing even in the field. The number and placement of these cutting teeth provides uncompromising mulching results of not only brush and trees but grass, vegetation and the occasional stone. Rows of teeth are mounted on staggered spiral 3/4 inch steel blades delivering a fine mulch.



## 500 Series Features



### Hardened Holder

The carbon hardened tooth holders can take what they dish out. Designed to deliver brush destroying power without flinching under fire. These holders combined with the V-Notch Carbide teeth deliver a certain path to destruction for any brush standing in their way. When other holders are giving in, the 500 series push on till the battle is won.

### V-Notch

The immense forces and impacts of mulching try to bend and twist the teeth, ending their tour of duty early. Our V-Notch teeth and Hardened holders won't let that happen. Held firmly in place and able to absorb impacts from multiple directions the V-Notch keeps the teeth chewing up the toughest brush.



### Brush Pusher Bar

The Brush Pusher Bar gives the brush fair warning of what is coming and pushes brush and trees away from the operator.



### Adjustable Skid Shoes

These two position skid shoes allow you to adjust the cutting height for optimal clearing performance.







## EXCAVATOR

**MX 530**

**MX 548**

### STRIKE FORCE

Precision Strike Force is the term that best describes the MX530 and MX548. These excavator versions of the Brush Fire brings together power and precise control. Search and destroy, paired with an excavator an operator can mulch around objects reducing casualties of innocent bystanding trees while removing the cumbersome brush. Excavators can also go where tractors and skid steers fear to tread. This gives you greater access to areas that have had to be cleared by hand in the past. Clearing stubborn brush from steep ditches from the comfort and safety of the level ground. Reaching over and around objects is no problem with the proven brush clearing appetite of Brush Fire.



**THE RIGHT EQUIPMENT**



## Mounting Options

Weld any existing mount to the BAUMALIGHT flat plate, providing countless options, value and economy. Contact your nearest authorized BAUMALIGHT dealer for specific information about all other mounting systems specific to your machine.





## WHICH BRUSH FIRE IS RIGHT FOR ME?

### Calculate GPM & PSI for Skid Steer or Excavator

#### Calculate for the Correct Motor Option

1. Run Skid Steer or Excavator at **FULL THROTTLE**.
2. Use **FLOW METER** to measure Gallons Per Minute (**GPM**).
3. Record **GPM** with restriction **Fully Open**.
4. Record **Tank PSI** with restriction **Fully Open**.

The best choice for you largely depends on what you plan to attach it to and what you want to do with it.

The first step is to verify the flow your machine has, then reference the motor chart. If the GPM requirements of the motor exceed the capacity of the skid steer or excavator, the performance will be less than satisfactory. On the other hand, if the motor is undersized for the capacity of the skid steer or excavator, the hydraulic motor will be subject to premature wear and the resulting back pressure will reduce motor torque, excess flow or pressure will result in failure of the motor, this condition is not covered by warranty.

**SKID STEER/EXCAVATOR MOUNTED MULCHER WARNING:**  
A SKID STEER/EXCAVATOR MUST HAVE A PROTECTIVE DOOR.

#### 5. High Pressure Side

	1000 PSI	2000 PSI	2500 PSI	3000 PSI	3300 PSI	3500 PSI	4000 PSI
GPM at Given PSI							
PSI on Tank Side							
Actual Working PSI*							

\*Subtract Tank PSI from High Pressure side.

### Specifications

Model No.	MS548	MS560	MX530	MX548
Path Width	62"	75"	40"	62"
Rotor Width	48"	60"	30"	48"
Maximum Engine HP	Check GPM & PSI	Check GPM & PSI	Check GPM & PSI	Check GPM & PSI
Minimum Engine HP	45 HP	60 HP	18 HP	35 HP
Cutting Depth	1.5" Above to 1" Below Grade			
Number of Cutters	104	126	64	104
Slashes Per Second	2750 - 6700	4620 - 8400	2400 - 4000	3250 - 8800
Hitch Type	Skid Steer	Skid Steer	Excavator	Excavator
Hitch Size	Universal	Universal	Universal	Universal
Dive Speed	Check GPM & PSI	Check GPM & PSI	Check GPM & PSI	Check GPM & PSI
System Protection	Built-in Relief	Built-in Relief	Built-in Relief	Built-in Relief
Shipping Size (LxWxH)	64" x 44" x 44"	56"x 78"x 60"	44"x 31"x 44"	42" x 68" x 33"
Unit Weight	1491 LBS.	2115 LBS.	1036 LBS.	2167 LBS.

THE RIGHT EQUIPMENT