



**PROCESSALL**



# Choppers, Blades & Plows

Manufacturing a variety of choppers, blades and plows for the mixing industry

### Becker Plows

Applications:

Heating, cooling, reacting, mixing at low speeds, mixing pastes or doughs, mixing highly fluidizable materials, higher shear input

Advantages:

Higher heat transfer coefficient; helps to break agglomerates with the higher shear input.

### Triangular Shaped Plows

Applications:

General mixing and agglomeration applications.

Advantages:

General mixing and agglomeration applications.

### Standard V Plows

Applications:

General mixing, agglomeration

Advantages:

Shape helps with rolling action during agglomeration, low shear point, reduced power demand



Heat Transfer Plow



Cast Ni-hard Plow

### Cast Ni-Hard Plows

Applications:

High wear mixing applications

Advantages:

reduced wear on plows

### Taconite Plows

Applications:

Iron mixes or the equivalent, waste mixing applications with larger chunks

Advantages:

Abrasion resistance; tooth-shape allows larger pieces to not wedge.

### Heat Transfer Plows

Applications:

Heating, cooling, reacting, mixing at low speeds, mixing pastes or doughs, mixing highly fluidizable materials, higher shear input.

Advantages:

Higher heat transfer coefficient, helps to break agglomerates with the higher sheare input.

Contact us today

4600 N. Mason-Montgomery Road | Mason, OH 45040

888-425-1603 | Sales@Processall.com

[www.Processall.com](http://www.Processall.com)



## Tulip Chopper Blade

**Applications:**

Additional mixing action with the plows, incorporation of liquids

**Advantages:**

Low shear input.

## Multiple Stack Chopper Blade

**Applications:**

Vacuum drying, agglomeration, granulation or breaking of agglomerates, incorporation of liquids

**Advantages:**

Variable shear input (more or larger blades mean more shear input), breaks lumps in drying which reduces drying cycle time.

## Pineapple Chopper Blade

**Applications:**

Mixing of fibers or incorporation of fibers into a mix; "fluffing" fibers; tearing of fibrous or plastic materials

**Advantages:**

Opening or incorporating fibers.

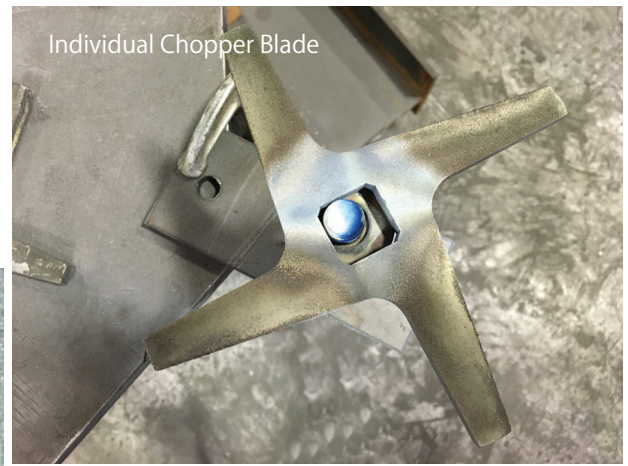
## Stars and Bars Chopper Blade

**Applications:**

Friction materials

**Advantages:**

Fluffs Kevlar fibers while providing a shear input with the bars.



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