



# PROCESSALL

**P**rocessall manufactures a variety of choppers, blades and plows for the mixing industry. We can customize our products to your application and equipment. Contact us today to learn more!

## 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 input, reduced power demand.

## Cast Ni-Hard Plows

### Applications:

High wear mixing applications

### Advantages:

reduced wear on plows.

# Choppers, Blades & 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 Plow

## 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 shear input.



Cast Ni-Hard Plow



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## 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.

## Tulip Chopper Blade

### Applications:

Additional mixing action with the plows, incorporation of liquids

### Advantages:

Low shear input.

## Stars and Bars Chopper Blade

### Applications:

Friction materials

### Advantages:

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



Individual Chopper Blade from a Multiple Stack Chopper Blade



Tulip Chopper Blade