



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 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.



Cast Ni-hard Plow

Contact us today

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

513-923-5904 | Sales@Processall.com

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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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