



PROCESSALL

Processall 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

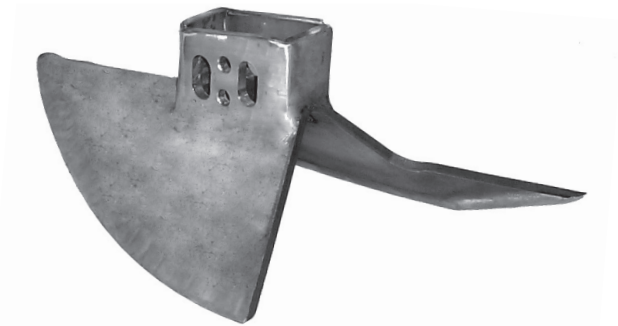
Heat Transfer Plows

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



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