



## DIE SETS FOR DANFOTECH PRESSES

### ABOUT DANFOTECH

Danfotech produces, installs, and services a wide range of machinery and specialized equipment for the food processing industry: bacon presses, defrosting lines, massaging tumblers, ham production lines, tenderizers, and loading/unloading systems built around cook tanks or ovens.

Additionally, Danfotech also delivers column lifts for Vemag trolleys and plastic tubs, as well as swing loaders for plastic tubs and trolleys.

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### DIE SETS

Die sets for both hydraulic and electric servo presses are made in unique materials and can be supplied with or without flex, to meet the variety of the products to be pressed / formed. In addition, die sets are offered for both bone-in and bone less products.

The plastic parts included in the die sets are manufactured in the technical plastic PEHD 500, which is food approved and therefore suitable for coming into direct contact with food.

In addition to being food approved, PEHD 500 is well suited to Danfotech's presses, as it has a good durability in the temperature ranges where the machines are used.

In addition, it has an ideal chemical resistance and withstands the cleaning that is practiced in the food industry.

We mill the plastic parts out of sheets on a 5-axis CNC milling machine.



## DIE SETS

### MARKING WITH ENGRAVING

In all parts of the complete die set, we engrave identification information so that the die set is not mounted incorrectly in our presses and to make it easier to order any spare parts at a later time.

We do the engraving on a CNC milling machine.

### FINE SURFACE PROVIDES HYGIENIC CLEANING

Due to the high hygiene standard required in the food industry, we mill the plastic items with a fine surface, so that a high hygiene standard is achieved.

### ASYMMETRIC PLASTIC PARTS IN TENSIONED PLASTIC

Several of the die set parts for Danfotech Meat and Bacon Presses are asymmetrical.

Asymmetrical machined parts can be difficult to manufacture, as an asymmetric parts tends to curve due to stresses in the material that are released when material is removed.

In order to avoid curvature and to comply with tolerances, we manufacture the die set parts in plastic which are tensioned.

This removes all tension in the plastic so that it does not curve, even though we mill material away to create the asymmetrical shape.