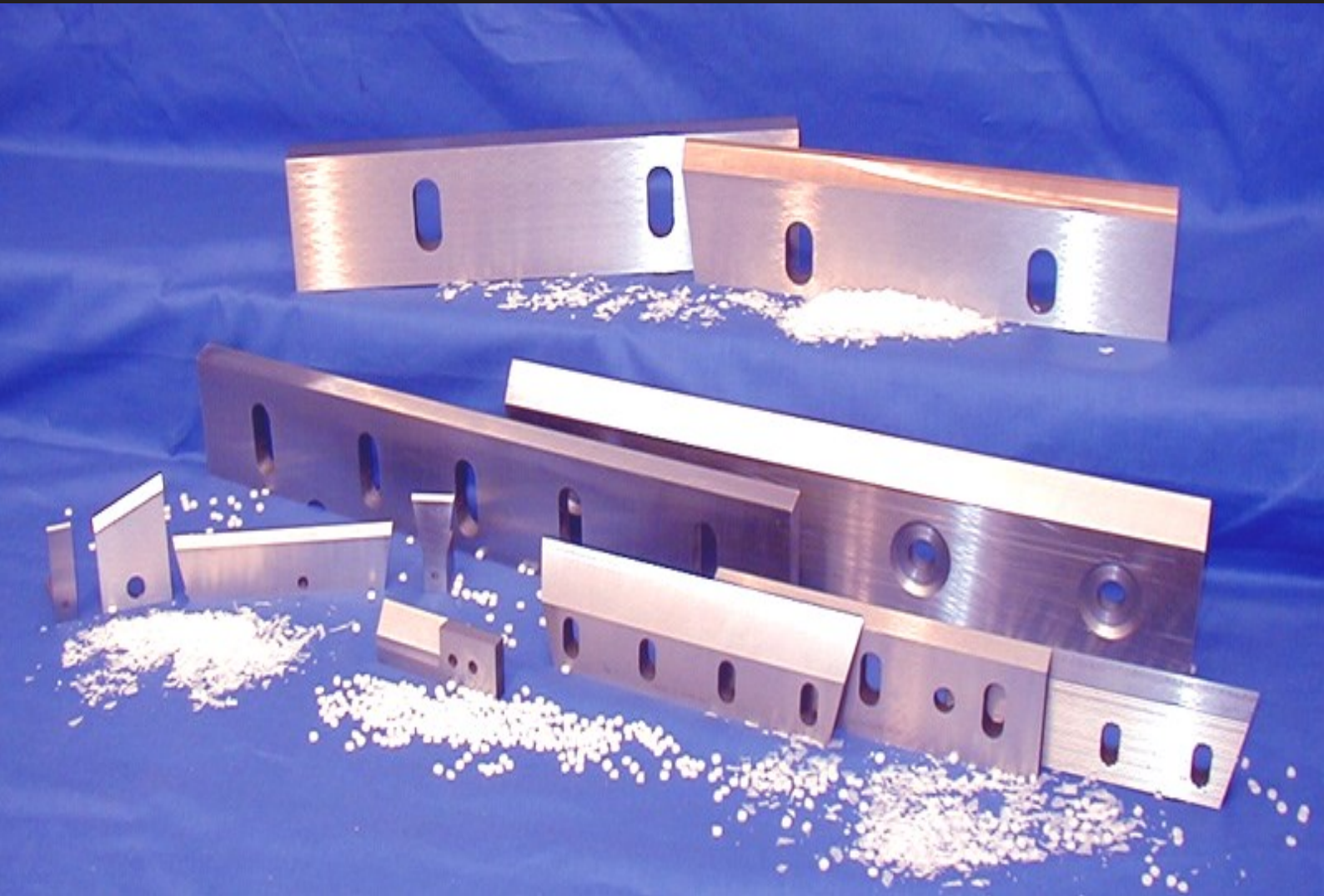


Plastics Tooling

Granulator Blades, Pelletizer Knives, Wear Parts and Components

www.apexshears.com



Apex Shears is a global specialist in the manufacture of a wide range of Knives, Blades and Tools for the Plastics Processing Industry, OEM/Machine Manufacturers and the Recycling Industry.

The world-class durability and productivity of Apex Shears is based on decades of experience and cooperation with customers. Apex's quality is based on state-of-the-art production facilities equipped with the most modern and advanced machines and equipment coupled with over 40 years of accumulated know-how & research.

We leave nothing to chance!

The salient features of Apex Shears' Knives, Blades and Components are:

- **All Products are manufactured from the finest quality steels available sourced from a net work of worldwide suppliers ensuring consistent quality.**
- **Digitally Controlled Advanced Heat treatment.**
- **High Wear Resistance, Durability and Impact Strength.**
- **Precision ground Surface, Sharp and Straight Cutting edges.**
- **High Performance, Lower Machine Downtime, Greater Productivity Tooling.**
- **High quality surface finish.**

We just don't make the tool, but offer the "Total Tooling Solution"



Knives for Plastics Processing

- **Granulator Knives**
- **Pelletizer Knives**
- **Dicing Knives**
- **Wear Parts**
- **Plastic Recycling Knives**

For our Plastics Processing/Recycling Knives and Wear Parts, we start with selection of the finest high quality steel grades that are selected with great accuracy. These steel grades range from tough medium alloy tool steels to long life high carbon high chrome steels and special high wear resistant steel grades. We also offer TC (Tungsten Carbide) Knives on request.

Our experienced engineers select the knife material on the basis of your machines/equipment and the plastic material being cut. Our Heat Treatment processes and Through-Hardening Techniques have been perfected with over 40 years of manufacturing experience to enhance the strength, durability and performance of our knives.

Our Granulator Knives reduce the plastic to a fine uniform granule size to minimize screen clogging. Our Knives precision ground edges and mirrored surface finish provide clean sharp cuts on the most abrasive of plastics. Reliability and wear-resistance increases machine uptime and user profits.

Amongst the common machine makes for granulating, pelletizing or recycling for which we supply our Knives are as follows*:

- | | |
|-------------------|------------------------|
| • Alpine Hosokawa | • L.T.M. |
| • Alsteele | • IMS |
| • Arun | • Jiangyin Hongda |
| • Ball & Jewell | • Jiangsu Guibao |
| • Buss Condux | • Mitts & Merill |
| • Concoran | • Nelmor |
| • C.M.G | • Nuga |
| • Cumberland, | • Nanjing Sunup |
| • Entoleter | • Pallman |
| • Erema | • Pimco |
| • Folcieri | • Ramco |
| • Getecha | • Taylor Stiles |
| • Gloucester | • Young |
| • Granutech | • Zerma |
| • Himalaya | • Zhangjiagang |
| • Herbold | • Other OEM Machines.. |

Knives and Blades for specialized applications can be designed on request.

*subject to receipt of updated engineering blueprints/drawings of the knives.

Total Cutting Solutions..

The productivity and quality of end products are directly affected by the cutting tool performance. Yield, quality and production speed optimization present key challenges for Modern Plants and Processing & Recycling Facilities

- Continuous productivity pressure demands greater performance from Tooling which has to meet the challenge.
- This is met through Higher Quality and more durable, efficient Knives, Blades and Tools that are able to work under the toughest conditions.
- Knives have to retain their sharpness and edge toughness for as long as possible to maximize useful life and increase replacement intervals.

At Apex we have risen to the challenge and are looking into the future and look forward to meeting you there!. We just don't offer the tool but the "Total Cutting Solution" for our customers!



apex shears pvt. ltd
The Total Tooling Solutions Company!

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