Making size reduction simpler

Industrial Knives for RECYCLING
ATLAS has pioneered the manufacturing of high quality industrial knives for almost 60 years. To cater to the increasing demand of Recycling Industry, ATLAS manufactures wide range of customized and standard knives required by recycling equipment manufacturers & users for the recycling of Plastic, Rubber, Cables, WEEE & miscellaneous wastes. ATLAS knives for recycling application are made of the finest tool steel. They are machined on the state-of-the-art CNC machinery and undergo heat treatment in our ISO certified heat treatment unit having atmosphere controlled furnaces with complete automatic controls & process recording. Each production step is fully documented, while the final quality acceptance tests are performed at the end of each production process. The blades being the core component of any recycling machine, helps the equipment manufacturer to design & offer efficient recycling equipments to cater to the increasing & diversified demand of global recycling industry. Being experienced in the field of knife design & manufacturing help us make the size reduction simpler!
ATLAS offers a proven solution to the Recyclers for efficient & profitable Cable Recycling. Our knives help turn scrap cable into valuable copper or aluminium granule. The knives used in the recycling of Cable & WEEE wastes are manufactured in various tool steel grades. Knives are machined from forged steel bar, heat treated according to application and are subsequently precisely ground.

We manufacture standard and custom made knives for machines like Eldan, Untha, MeWa, MTB, Rapid, Condux, Addex and many more.

We also manufacture knives in special steel grades having nickel as alloy element, which ensures longer lifetime between grinding even when dealing with abrasive materials.
ATLAS knives for plastic recycling are made of the finest high alloy tool steel. Each blade is through hardened and multiple tempering processes ensure the finest molecular structure. This gives our blades a longer life. The mirror finish gives a clean cut which helps in reduction of dust. Our line of granulator blades, palletizer knives & shredder blades are manufactured to deliver the correct mix of edge strength, shock resistance and durability for extended service life.

**Manufactured in balanced sets**
- Right balance of wear, shock & abrasion resistance with high edge retention qualities

**Granulator Knives**
- Rotor and Stator Knives
- Pulverizer Knives

**Shredders**
- Pelletizer Knives
- Wear Parts

Standard & bespoke knives are manufactured for Shredding, Granulator & Grinding machines like Alpine, Armour, Bano, Berlyn, Black Friar, CMB, Conair, Condux, Cumberland, Dreher, Herbold, Lindner, Pallmann, TPA, Tschak, Vecoplan, Weima, Zerma and many more.

Depending upon application, knives are manufactured in different steel grades like:
- D2 / SKD 11 / 1.2379
- A8
- M2 / SKH 51 / 1.3343
- T1
- Vasco Wear
- Shock Resisting Steel
- Powder Metallurgy
- Tungsten Carbide
The tyres being incredibly durable & resilient to destruction require a great deal of force to tear them apart. ATLAS manufactures hard-wearing knives to support the heavy duty shredding application.

The blades are made from special through hardened steel. The blades have the same steel characteristics in the core and the external surface. Because of the same hardness till the core, they can be ground many more times. Blades used for the tyre & rubber recycling are generally manufactured in 1.2379, Semi High Speed steel, Vasco Wear & similar high alloy grades.

Standard & custom made knives are manufactured for various Tyre Shredding & Granulator machines including Columbus McKinnon, MTB, Eldan, Untha, TPA, MeWa, Condux, Saturn and many more.
The shredding requirement spreads over diversified recycling applications like plastics, wood, film/fiber, medical waste, paper/cardboard, metals, domestic & industrial wastes etc. ATLAS supports all kind of shredding requirement with its standard & bespoke knives for single & multiple shaft shredding equipments.
D.B. Engineering Pvt. Ltd. have completed 60 years in Knife manufacturing. Starting in the year 1951 it has made huge strides in the field and has customers in about 60 countries today. Our manufacturing spreads over an area of 300,000 square feet. Our biggest strength today is our dedicated and sincere work force of over 600 people manning our six manufacturing facilities. To help us reach the pinnacle of success in Knife manufacturing are the latest and state of art equipment. D.B. Engineering Pvt. Ltd. is a true amalgamation of people from the field of Metallurgy, Engineering and Management.

PRODUCT PORTFOLIO

<table>
<thead>
<tr>
<th>Machine Knives &amp; Blades for</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Recycling Industry</td>
</tr>
<tr>
<td>• Pulp &amp; Paper Industry</td>
</tr>
<tr>
<td>• Printing &amp; Graphic Industry</td>
</tr>
<tr>
<td>• Packaging Industry</td>
</tr>
<tr>
<td>• Metal Engineering &amp; Fabricating Industry</td>
</tr>
<tr>
<td>• Steel Tube Industry</td>
</tr>
<tr>
<td>• Cold Rolling &amp; Steel Processing</td>
</tr>
<tr>
<td>• Wood Working Industry</td>
</tr>
</tbody>
</table>

Knife Grinding Machines

Standard machine blades are available ex-stock.

D.B.ENGINEERING PVT. LTD.
A-119, Okhla Industrial Area, Phase II, New Delhi 110020, India
Tel : +91 11 40767710 / 11, 41616454
Fax : +91 11 26386453
E-mail: sales@atlasknives.com
Web : www.atlasknives.com

Atlas Knives is a brand owned by D. B. Engineering Pvt. Ltd.