POKS

PRODUCT CATALOG

MADE IN CHINA
POKS Machinery is one of the leading machine manufacturers for plastic recycling in China. Our highly satisfied customers are spread all over the world. We have over 20 years of experience in machine engineering and technological development of plastic recycling systems. Over the years, we have improved and optimized our recycling machines and enlarged our product range in order to offer our clients the best possible machines and service.

**Factory**

Our production takes place in our factory in Suzhou, next to Shanghai in Jiangsu Province. We dispose over own machines for steel bending, cutting, drilling, milling, welding and polishing. Our qualified employees work with care to deliver high quality machine work. In our own painting area we take care of a flawless finishing of the machines and appropriate 3 layer corrosion protection. We finish our machines with high quality and shiny PU coating at the end for a good appearance. After production all our machines are tested in our own factory to assure correct and safe functioning.

www.plastic-crusher.com
Engineering
For the optimization and further development of our products we use both Chinese and International engineering resources. Our engineers take care that our machines comply with the latest international machine and safety standards. We are able to adapt our machines to specific customer requirements.

After-Sales
Our after-sales service consists primarily of remote technical support and advice by telephone or email. If desired, we can send one of our engineers to customer location to support with installation, adaptation or repair of machines as well. Spare parts will be sent within appropriate time from our home base in China to any location worldwide.

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PORTABLE CRUSHERS

Description:
Small, flexible and efficient crushers for almost all common plastics, paper, wood and composite materials

Features:
- Lockable wheels
- Stainless steel output collector
- Energy efficient cutting
- High-efficiency motor
- Durable hard-metal knives
- Optimized rotor geometry
- Long-life drive belt
- Convenient inlet geometry

Suitable materials:
Any kind of hard and soft plastic, aluminium, paper and carton, copper cables, wood, fabric, foam, rubber

Technical specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Crushing Chamber (mm)</th>
<th>Capacity [kg/h]</th>
<th>Shaft Diameter [mm]</th>
<th>Stationary Knives</th>
<th>Rotary Knives</th>
<th>Motor Power [kW]</th>
</tr>
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<tbody>
<tr>
<td>PC 180</td>
<td>180x150</td>
<td>50-80</td>
<td>150</td>
<td>2</td>
<td>6</td>
<td>2.2</td>
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<tr>
<td>PC 230</td>
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<td>70-120</td>
<td>200</td>
<td>2</td>
<td>6</td>
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<td>310x200</td>
<td>100-150</td>
<td>200</td>
<td>2</td>
<td>9</td>
<td>5.5</td>
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<td>150-200</td>
<td>235</td>
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<td>12</td>
<td>7.5</td>
</tr>
<tr>
<td>PC 500</td>
<td>515x290</td>
<td>180-250</td>
<td>290</td>
<td>2</td>
<td>15</td>
<td>11</td>
</tr>
</tbody>
</table>
UNIVERSAL CRUSHERS

Features:
- Stainless steel output collector or blower fan with stainless steel silo
- Energy efficient cutting
- High-efficiency motor
- Durable hard-metal knives
- Optimized rotor geometry
- Long-life drive belt
- Convenient inlet geometry

Description:
Efficient and strong crushers for general use. Suitable for almost all common plastics, paper, wood and composite materials.

Suitable materials:
Any kind of hard and soft plastic, aluminium, paper and carton, copper cables, wood, fabric, foam, rubber

Technical specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Crushing Chamber [mm]</th>
<th>Capacity [kg/h]</th>
<th>Shaft Diameter [mm]</th>
<th>Stationary Knives</th>
<th>Rotary Knives</th>
<th>Motor Power [kW]</th>
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<tbody>
<tr>
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<td>320</td>
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<td>18</td>
<td>15</td>
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<tr>
<td>PC 700</td>
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<td>320</td>
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<td>PC 800</td>
<td>815x470</td>
<td>350-450</td>
<td>470</td>
<td>4</td>
<td>24</td>
<td>37</td>
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<tr>
<td>PC 1000</td>
<td>960x470</td>
<td>400-600</td>
<td>470</td>
<td>4</td>
<td>27</td>
<td>45</td>
</tr>
</tbody>
</table>

www.plastic-crusher.com
INDUSTRIAL CRUSHERS

Description:
Industrial crusher for heavy and bulky objects. Specialized for most common materials. Capable to be permanently in action.

Features:
- Blower fan output
- Motorized chamber opening
- Suitable for continuous operation
- Energy efficient cutting
- High-efficiency motor
- Durable hard-metal knives
- Optimized rotor geometry
- Long-life drive belt

Suitable materials:
Any kind of hard and soft plastic, aluminium, paper and carton, copper cables, wood, fabric, fiber, foam, rubber

Technical specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Crushing Chamber [mm]</th>
<th>Capacity [kg/h]</th>
<th>Shaft Diameter [mm]</th>
<th>Stationary Knives</th>
<th>Rotary Knives</th>
<th>Motor Power [kW]</th>
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<td>200-400</td>
<td>360</td>
<td>4</td>
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<td>PCI 800</td>
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<td>400-600</td>
<td>360</td>
<td>4</td>
<td>10</td>
<td>45</td>
</tr>
<tr>
<td>PCI 1000</td>
<td>1000x650</td>
<td>500-900</td>
<td>650</td>
<td>4</td>
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<td>75</td>
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<td>PCI 1200</td>
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<td>1000-1500</td>
<td>650</td>
<td>4</td>
<td>10</td>
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SINGLE-SHAFT SHREDDERS

Description:
Strong shredders for shredding heavy and dense materials. Mainly suitable for bulky plastic residues. Extra large crushing chamber.

Features:
- Large crushing chamber
- Hydraulic push block
- PLC control
- Suitable for continuous operation
- High-efficiency motor
- Durable hard-metal knives
- Optimized knife geometry
- Long-life drive belt and gearbox

Suitable materials:
Any kind of hard and soft plastic, aluminium, paper and carton, copper cables, wood, fabric, fiber, foam, rubber, electric devices

Technical specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Crushing Chamber [mm]</th>
<th>Capacity [kg/h]</th>
<th>Shaft Diameter [mm]</th>
<th>Rotary Knives</th>
<th>Hydraulic Power [kW]</th>
<th>Motor Power [kW]</th>
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<tbody>
<tr>
<td>SSH 600</td>
<td>960x610</td>
<td>200-400</td>
<td>280mm</td>
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<td>22</td>
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<tr>
<td>SSH 800</td>
<td>960x810</td>
<td>400-700</td>
<td>400mm</td>
<td>34</td>
<td>3</td>
<td>37</td>
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<td>SSH 1000</td>
<td>960x1010</td>
<td>700-1000</td>
<td>400mm</td>
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DOUBLE-SHAFT SHREDDERS

Description:
Heavy industrial shredders for quick and continuous crumbling of heavy and bulky objects or biological waste.

Features:
- Wide hopper opening
- Durable hard-metal knives
- Long-life gearbox
- Low-noise operation
- PLC control
- Suitable for continuous operation
- High-efficiency motors
- Optimized knife geometry

Suitable materials:
Any kind of hard and soft plastic, aluminium, metal, paper and carton, wood, fabric, foam, rubber, tires, electric devices, biological waste

Technical specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Crushing Chamber [mm]</th>
<th>Capacity [kg/h]</th>
<th>Shaft Diameter [mm]</th>
<th>Rotary Knives</th>
<th>Knife Thickness [mm]</th>
<th>Motor Power [kW]</th>
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<tbody>
<tr>
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<td>600x450</td>
<td>200-350</td>
<td>300</td>
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<td>DSH 1000</td>
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<td>400</td>
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<td>DSH 1200</td>
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<td>800-1200</td>
<td>450</td>
<td>24</td>
<td>50</td>
<td>2x45</td>
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</tbody>
</table>

www.plastic-crusher.com
Description:
Efficient pulverizers for solid PE and PVC. Powder size up to 100μm. Suitable for automatic and manual operation.

Suitable materials:
Any kind of hard PE and PVC pellets, flakes or granules with max. 8mm outside dimensions.

Features:
- Suitable for hard PE and PVC
- Hard-metal friction discs
- High-speed disc rotation
- Variable input speed
- High-efficiency motor
- Long-life drive belt
- Vibrating sieve for accurate output size

Technical specifications:

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity PE [kg/h]</th>
<th>Capacity PVC [kg/h]</th>
<th>Disc Diameter [mm]</th>
<th>Rotation Speed [rpm]</th>
<th>Motor Power [kW]</th>
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<tr>
<td>PLV 400</td>
<td>150</td>
<td>400</td>
<td>400</td>
<td>3800</td>
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<tr>
<td>PLV 600</td>
<td>250</td>
<td>800</td>
<td>600</td>
<td>3800</td>
<td>45</td>
</tr>
<tr>
<td>PLV 800</td>
<td>400</td>
<td>1200</td>
<td>800</td>
<td>3800</td>
<td>75</td>
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Description:
Industrial extrusion lines for plastic or WPC pipes, profiles and sheets. Available with single, double and conical screw.

Features:
- Single- and twin-screw extruders
- High-efficiency motors
- Energy efficient
- PLC control
- Ergonomic touch-screen
- Vacuum absorber system
- Temperature control
- Variable output speed

Suitable materials:
PE, PP, PS, PET, ABS, WPC, PVC

Available products:

<table>
<thead>
<tr>
<th>Type</th>
<th>PE</th>
<th>PP</th>
<th>PS</th>
<th>PET</th>
<th>ABS</th>
<th>WPC</th>
<th>PVC</th>
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<tr>
<td>Pipes</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
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<tr>
<td>Sheets</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
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<tr>
<td>Profiles</td>
<td>x</td>
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<td>x</td>
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</table>
GRANULATION LINES

Description:
Efficient granulation lines for the production of plastic or WPC pellets. Available with water ring cutter or air cutter.

Features:
- Wide range of machines
- Ergonomic controls
- High-efficiency motors
- High-quality recycled material
- Highly automated
- Variable output speed
- PLC control
- Touch-screen

Suitable materials:
PET, PE, PP, PVC, ABS, WPC, PS

Available products:

<table>
<thead>
<tr>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET</td>
</tr>
<tr>
<td>PE</td>
</tr>
<tr>
<td>PP</td>
</tr>
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<td>PVC</td>
</tr>
<tr>
<td>ABS</td>
</tr>
<tr>
<td>WPC</td>
</tr>
<tr>
<td>PS</td>
</tr>
</tbody>
</table>
PLASTIC RECYCLING

Description:
Plastic recycling lines for most common plastics and rubber. Suitable for PET bottles, plastic film, car tires, PVC profiles etc.

Features:
- Wide range of machines
- High-efficiency motors
- Energy efficient operation
- Ergonomic controls
- Highly automated
- High-quality recycled material
- Complete waste-to-product solutions

Suitable materials:
Any kind of plastic or rubber

Available products:

<table>
<thead>
<tr>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET Bottles</td>
</tr>
<tr>
<td>Hard PE/PP</td>
</tr>
<tr>
<td>PE/PP Film</td>
</tr>
<tr>
<td>Car Tires</td>
</tr>
<tr>
<td>Copper Cables</td>
</tr>
<tr>
<td>PVC</td>
</tr>
<tr>
<td>ABS</td>
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