Development for garden machinery industry in China

wood chipper for resourceful treatment and recycling use of green waste

Helen Kong
Email: xuemeikong@de-wild.cn
Mobile: +86 18963301698
www.de-wild.cn
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Part 1 - Brief introduction of garden machinery industry in China.

1. The development of garden machinery in China started in 1970s, rapid development start from 1990s, blooming period is early 21 century. Here below is a market volume chart during 2007-2015. (unit: 100 million)
From this chart we can see the average increase is more than 20% annually, a conservative estimation for the total output value in 2019 is more than 15 billion RMB.

Its growth is determined by the development of garden industry in China, while garden industry’s rise is closely related to the urban construction, urbanization progress and economic level.

The current investment for urban construction, landscaping projects, ecological remediation, highway and railway greening and maintenance is more than 230 billion per year.
Video for the hortiflor fair:
2019.mp4
http://www.hfexpo.org/column/44/video/8
With the continuous economic growth and living standard improvement, as well as the ecological environment construction, the garden industry will continue to boom, thus drive a further development of garden machinery industry.

2. Major products includes:
   - lawn care equipment, such as lawn mower, lawn comber; hedges care machine, such as hedge trimmer, brush cutter; tree care machine, such like chain saw, wood chippers; flower care machines, such like irrigator, sprayer etc.
### 3. Leading manufacturer and products

<table>
<thead>
<tr>
<th>Company name</th>
<th>Subdivision</th>
<th>products</th>
<th>Brand</th>
<th>market</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsun</td>
<td>Whole machine</td>
<td>Hedge trimmer, brush cutter, generator, Li-ion etc</td>
<td>Topsun</td>
<td>EU, AP</td>
</tr>
<tr>
<td>Huasheng</td>
<td>Whole machine and parts</td>
<td>Engines, hedge trimmer, blower, water bump etc</td>
<td>Kasei</td>
<td>EU, USA, AP, CN</td>
</tr>
<tr>
<td>World</td>
<td>Whole machine</td>
<td>Lawn mover, agri-machines</td>
<td>World</td>
<td>EU, USA, AP, CN</td>
</tr>
<tr>
<td>Greenman</td>
<td>Whole machine</td>
<td>Golf equipment, Ride-on mower etc</td>
<td>Meisheng</td>
<td>global</td>
</tr>
<tr>
<td>Wild</td>
<td>Whole machine</td>
<td>Wood chipper, Elephant trunk</td>
<td>GTM</td>
<td>EU, South A, AP</td>
</tr>
</tbody>
</table>
Part 2 - Developing trend and influencing factors

- **Developing trend**
  1. Compact, simplify and easy-operating
  2. Smart and automatic
  3. Green and energy-saving
  4. Multifunctional

- **Influencing factors**
  1. Reality of the operator and user
  2. Economic development and user demand
  3. Government policy and ecological recycling aim
  4. Utilization increase, space saving, adaptability
Self-propelled wood chipper instead of pull behind chipper.

Government ban for burning stalk and branches.

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Part 3-Resourceful treatment of green waste in Agriculture field and garden industry.

1. Resourceful treatment means turn the green waste into useful resource, like natural fertilizer or mulching materials. Turn “waste” into “wealth”

2. What kind of green waste we usually see: trimmed branches/hedges/grass, flower leftovers, leaves, vegetable leftovers and other vegetal waste.

3. Where we often see these materials: orchard, nursery tree garden, farm, vegetable planting base, park, garden, forest, city road, residential area, public institution etc

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Vegetable waste

Flower leftover
Traditional way of treatment

- 1. Stacking on the land or landfill disposal
   - Disadvantage: occupy huge space.
   - Disbenefit to the city beautification.
   - Waste too much transportation and labor.
   - Fire risk increase.

- 2. Burn
   - Bad impact to the environment and air quality.
   - Safety risk for fire and other damage.
   - Illegal
烧荒烧草烧秸秆 害人害己害子孙
半坡店乡人民政府 宣
蹲到地里点把火，拘留所里过生活。
Resourceful treatment

- Chip or shred the green waste
Part 4 - Technological options for recycling use of the treated waste

- Mulching or paving
- Animal food
- Composting
- Enrich the farmland

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Composting
Paving and pulp materials
Park mulching

www.de-wild.cn
Compressed pellet
Recycling

天然肥料
肥沃土地
滋养植物

动物饲料，牧场铺地材料

有机覆盖物

变废为宝
生态循环

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Create value for your green waste

威而德碎枝机粉碎物应用视频.mp4

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Part 5-Introduction of WILD

Wild Garden Machinery company is a Holland wholly owned company with headquarter in Roosendaal, Holland and one factory in Rizhao, Shandong.

We have two brand “GTM Professional ” and “DE WILD”, Headquarter already 50 years old and factory is 12 years old, with coverage of 30000 sqms.

[Company_Presentation_CHINA.pdf](http://www.de-wild.cn)
Wild factory in Rizhao, Shandong

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Mission:
Contribute to the ecological cycle with innovative, compact, shredding products for green care.

使命：
为绿化园林护理提供创新、简洁的碎枝碎叶产品，
以此对生态循环做出贡献。
Vision:
To become the worldwide leading brand for compact shredding products.

愿景：
成为简洁型碎枝碎叶产品的世界领先品牌。
Video for DE WILD company:

**COMPANY VIDEO_MAIN_V4_WITHSUBS.MP4**

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Our advantage

- Strict and consistent management optimizing.
- Refined workmanship.
- Safety first! higher standard. TUV tested, CE certificate.
- Quality and service. advanced professional equipment and very skilled workers.
- Core part imported.
- SKF bearing, Gates belts, Fabry fasten parts etc.
Our products
Video for our products:

❖ 威而德碎枝机GTS900H 果园苗圃.mp4

❖ GTS1300C Different materials spanish iPad+Tablet HD.mp4
Our booth at hall N4,N4044
Factory tour:

- Free factory tour with shuttle bus leaving from exhibition hall in the morning at 9:00am on Nov. 1, 2019
Back in the afternoon of Nov. 1.
Thank you very much!

Welcome to visit our booth and our factory!

wish you a very fruitful fair

Helen Kong
Tel:18963301698
Emial:xuemeikong@de-wild.cn

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