Company Profile

(LAMGi) Machinery Manufacturing Co., Ltd. is a high-tech enterprise that specializes in research, development and manufacturing of plastic extrusion equipment, extrusion molds and injection molding molds. It offers complete and advanced systems in developing, manufacturing and service. LAMGi Machinery Company plans to stay on the leading edge "quality is the lifeblood and technology is the driving force and consumers satisfaction is the ultimate target," putting effort to promote the technology and build up the world’s first-class brand name. The high-quality single-screw extrusion technology, energy-saving double-screw extrusion, general plastic processing, large-scale plastic extrusion production capacity, single screw extruder, etc. LAMGi makes high-quality plastic pipe production line for water supply systems, sewage systems, plastic profile extrusion line, plastic sheet extrusion production line, key projects in various SMT, profile extrusion, etc. production lines. LAMGi has established an international research and development center with a large investment to enhance its independent research and development ability and create new, high-quality products. The company is a scientific research and technological innovation platform supporting excellent research teams, etc.

LAMGi Machinery Co., Ltd. owns an excellent service team that devotes to professional demands. All employees must be responsible and self-disciplined. All employees must be professional and hardworking. LAMGi Machinery Co., Ltd. has adhered to its service principles: "In order to earn our customers’ trust, we must earn their trust," as the company’s service purpose and the fundamental. LAMGi Machinery Co., Ltd.'s purpose is to ensure customers' satisfaction. LAMGi Machinery Co., Ltd.'s excellence is the key to its competitiveness. LAMGi Machinery Co., Ltd.'s service is the guarantee of the company's long-term development. LAMGi’s research and development team is composed of the top talent of the leading position in the industry. LAMGi’s innovative and efficient, rapid response to market technology, its plastic extrusion equipment is widely used in many fields of the leading position in the industry.

01/02
Honors & Certificates

- Awarded as "Guangdong Famous Brand" in 2005
- Awarded as "National High-tech Enterprise" in 2007
- Awarded as "Guangdong Famous Brand Product" in 2008
- Awarded as "One of Top 100 Cultivating Enterprises in Guangdong Equipment Manufacturing Industry" in 2009
- China Plastic Machine Association Unit
- In 2004, large bore hollow spiral pipe production line as the science and technology critical project of Ministry of Science and Technology.
- In 2006, "Technology research on PL spiral pipe internal and external thread connecting" gains the Shunde District financial support for the major technology project.
- In 2007, "SH1000 PL pipe production line" access to the first prize of Foshan City scientific and technological progress program.
- In 2008, "Research and development on PE/PPR/PVC multi-layer co-extrusion plastic pipe processing technology" gains the Shunde District financial support for the major technology project.
- In 2009, "Technology reconstruction on large bore spiral high torque AC motor" develops high output new technique, gain the Guangdong provincial financial support for the equipment manufacturing industry.
- In 2010, received the construction project from Shunde District plastic extrusion equipments engineering and technology center.
- PE 1080 large bore pipe production line as the National Torch Program.
- PP/PE pipe production line of the only one that enjoyed the honor of "National Advanced Level" in plastic extrusion industry.

- Pass the ISO9001 quality certification system in the industry in 1996
- Passed the ISO14001 quality certification system again in 2002
- Pass the ISO50001 energy system, safety and environmental audit system in 2004
- CE certificate
- Pass the QS TUV, mainly quality, safety and environmental audit system in 2001
- CE certificate in 2011
- Assessed as "National High-tech Enterprise" in 2012
- Assessed as "China-Level Enterprise Of Guangdong Provincial Safety Production" in 2012
- Assessed as the Vice president of Guangdong Provincial Machinery Industry Association unit, China Plastic Association director unit in 2012
- Assessed as "Guangdong Famous Brand Product" in 2013
LS-Aluminum Plastic Composite Panel Production Line

Main Future
- Glass is horizontally structured to meet the needs of the building trend.
- Cylinder roller in multi-head spiral water way designed to get uniform roll surface temperature and facilitate cooling.
- Three calendar rolls of the calendar are driven for the opposite rolling, frequency-variable speed regulating, allowing the panel extrusion ratios to be adjustable.
- Thermal composite coil is also single-head spiral water way, allowing the panel to adhere to high temperature and inner bonding of the plants part and precision data.
- Equipment suitable to produce KCP composite panel and PC developed product.

Layout
- Extruder
- Molding cooling unit
- Molder cooling unit
- Molding cooling and flanging unit
- Extruder discharge
- Front extrusion table
- Extrusion table
- Hot-water plate
- Water way laminate
- Molding cutting
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
- Extruder
- Molding discharge
- Rear extrusion table
- Extrusion table
- Hot-water pipe
LS-Plastic Profile Extrusion Line

Main Future
- Special screw designed for profile gets better planning effect and achieves steady extrusion procedure.
- Secondary cooling forcing for supporting the production line with faster heating speed and higher efficiency.
- Multi-configuration table is clean look, left-right, up-down adjustable, simplified operation.
- Screw and platen barrel is driven by the separate motor, which ensures the stability and stability of the heat-off deforming.
- Wide adjustable temperature control of the roller cylinder 300 / separate timing group hemp control, each of which can be adjusted independently; each can be independent of the heating and cooling. Temperature control range from atmospheric temperature to 280°C.
- Layout also offers the floating extrusion combined units and its more compact and economical design.

Main Technical Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>H-190</th>
<th>H-250</th>
<th>H-400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product range (mm)</td>
<td>150x30</td>
<td>250x60</td>
<td>350x15</td>
</tr>
<tr>
<td>Max. output (kg/h)</td>
<td>200</td>
<td>250</td>
<td>300</td>
</tr>
<tr>
<td>Max. line speed (m/min)</td>
<td>12</td>
<td>15</td>
<td>18</td>
</tr>
<tr>
<td>Installed power (kW)</td>
<td>60</td>
<td>110</td>
<td>220</td>
</tr>
<tr>
<td>Line length (m)</td>
<td>1.2</td>
<td>7.2</td>
<td>9</td>
</tr>
</tbody>
</table>

07/08
LS-PVC Door Panel Production Line

Main Future

- High efficiency and output
- Good quality and accuracy
- Easy operation and maintenance

Main Technical Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>F-650</th>
<th>F-850</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. output (t/h)</td>
<td>320</td>
<td>410</td>
</tr>
<tr>
<td>Max. line speed (m/min)</td>
<td>1.5</td>
<td>1.3</td>
</tr>
<tr>
<td>Installed power (kW)</td>
<td>220</td>
<td>220</td>
</tr>
<tr>
<td>Line length (m)</td>
<td>21</td>
<td>25</td>
</tr>
</tbody>
</table>

Layout

- Extruder
- Injection unit
- Vacuum calibration
- Heater
- Load-off unit
LS-PE/PP Plastic Sheet Production Line

Main Future

- Special designed screw ensures the good material plasticating effect and post-pellet quality.
- Calendar roll is multi head spiral water was designed for more uniform film surface temperature and better product surface quality.
- Three calendar roll of the calendar is driven by three separated motor. Frequency variable speed regulate, guarantee the best transition from extrusion to cooling.
- Master group coating rolls configuration ensure the full spreading of the film panel.
- Central controltable control device controls the panel thickness完全可以.
- This set is equipped with auto vacuum sulter device for product shocking.

Main Technical Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>LS-1500PP</th>
<th>LS-1600PP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max net production (t)</td>
<td>800</td>
<td>680</td>
</tr>
<tr>
<td>Panel size (mm)</td>
<td>1500×2100</td>
<td>1600×2100</td>
</tr>
<tr>
<td>Thickness (mm)</td>
<td>0.2-20</td>
<td>0.2-20</td>
</tr>
<tr>
<td>Installed Power(kw)</td>
<td>500</td>
<td>780</td>
</tr>
<tr>
<td>Max line speed (m/min)</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
LS-PP/PC Hollow Panel Production Line

Main Future

- Special screw design ensures the good film extrusion state of the extruded material
- High output and low energy consumption
- Specially cooled forming die supports the production line with better thru-speed and higher efficiency
- Heat treatment devices are installed to ensure the inner stress of the PVC/PAN product to avoid of product warp or crack.
- PP/PC Hollow panel products of the equipment is widely used in construction, architectural panels, greenhouse, courtyard wall, etc.
### Main Technical Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>LSP-1300</th>
<th>LSP-1600</th>
<th>LSP-1328/PVC</th>
<th>LSP-1628/PVC</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WIDTH/Thick (mm)</td>
<td>1200 / 0.2</td>
<td>1600 / 0.2</td>
<td>1300 / 0.2</td>
<td>1600 / 0.2</td>
</tr>
<tr>
<td>Max output (kg/h)</td>
<td>408</td>
<td>408</td>
<td>408</td>
<td>258</td>
</tr>
<tr>
<td>Line speed (m/min)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Line length (m)</td>
<td>33</td>
<td>33</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td>Total installed power (kw)</td>
<td>350</td>
<td>350</td>
<td>410</td>
<td>410</td>
</tr>
</tbody>
</table>

---

### LS-Plastic Sheet Production Line

**Main Future**

- On account of the different plastic materials, different color and functional requirements, the quality of the products can be improved by controlling the temperature, the speed and the locat of the production line.
- The extrusion technology for profile & panel can be adjusted, such as the conveying speed, the temperature and the locat of the production line.

**Layout**

1. Feeding hopper
2. Heating and transporting frame
3. Pre-extruder
4. Cooling and transporting frame
5. Extruder
6. Cutting unit
7. 3-in-1 roller press
8. 2-in-1 roller press
9. 1-in-1 roller press
10. Die casting unit
11. 3-in-1 roller press
12. Cooling and transporting frame
13. Extruder
14. 2-in-1 roller press
15. 1-in-1 roller press
LS-Wood Plastic Composite Profile Production Line

Main Futures

- MWC is a kind of environmental protection material, which is conditioned by mixing wood flour, including wood dust, sawdust, wood chips, wood powder and wood waste, and thermoplastic. The advantages thereof are given below: resistant to insect and ant consumption, good processing, solvent and moisture resistant, as plastic; good heat and fire resistant property with the woodsy rail look. It is a good substitute for the wood in the field of furniture, packing and construction.

- Wood-plastic profile and panel production line is mainly divided into two categories: PVC, foam production line and PUR/PEF plastic production line. The equipment of line has the following advantages: low temperature polymerization, low smoke release, high stiffness and sufficient air ventilation.

Main Technical Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>WPC-110</th>
<th>WPC-256</th>
<th>WPC-C250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product range (long/mm)</td>
<td>150±30</td>
<td>250±120</td>
<td>750±150</td>
</tr>
<tr>
<td>Max line speed (m/min)</td>
<td>5</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Max output(kg/h)</td>
<td>80</td>
<td>120</td>
<td>160</td>
</tr>
<tr>
<td>Max line speed (m/min)</td>
<td>18</td>
<td>24</td>
<td>30</td>
</tr>
</tbody>
</table>
LS-PVC/PC Corrugated Tile Production Line

Main Futures

- For the high filling formula line, developed high filling special screw according to ensure the good plastisizing effect under the low cost formula, new manufacturing plastic quality.

- Clout-banger die makes the material flow smoothly.
- Stereotypical weld cuts down dust, easy adjustment.
- Hydraulic center with speeds & safe curving and smooth work.

Main Technical Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>LSHP1000PC/EX-4</th>
<th>LSHP1100VC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extruder model</td>
<td>1000</td>
<td>1100</td>
</tr>
<tr>
<td>Product antipress</td>
<td>1000</td>
<td>1100</td>
</tr>
<tr>
<td>Product antipress</td>
<td>108.3</td>
<td>10.3</td>
</tr>
<tr>
<td>Line productivity</td>
<td>6.25-5</td>
<td>6.15-5</td>
</tr>
<tr>
<td>Line length</td>
<td>1041.3</td>
<td>186.5</td>
</tr>
<tr>
<td>Power (kW)</td>
<td>410</td>
<td>410</td>
</tr>
</tbody>
</table>
**LS-PVC/PE/PPR Pelletizing Line**

**Main Features**
- Specialized pelletizing screw with high material throughput and efficiency.
- Multiple die face with adjustable wear plates to ensure consistent output.
- Precise control of the melt temperature, ensuring high-quality pellets.
- Cooling tank is made of stainless steel to prevent corrosion resistance.

**Main Technical Parameter**

<table>
<thead>
<tr>
<th>Model</th>
<th>LS-45PVC</th>
<th>LS-60PVC</th>
<th>LS-80PVC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (kg/h)</td>
<td>200</td>
<td>450</td>
<td>800</td>
</tr>
<tr>
<td>Total installed power (kW)</td>
<td>110</td>
<td>170</td>
<td>230</td>
</tr>
</tbody>
</table>

**Main Machine**
- LS-60
- LS-80
- LS-92

**Pellet Cutting Type**
- Cool cutting
- Hot cutting
- Heat cutting

<table>
<thead>
<tr>
<th>Model</th>
<th>LS-60 (kW)</th>
<th>LS-80 (kW)</th>
<th>LS-92 (kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (kg/h)</td>
<td>110</td>
<td>170</td>
<td>230</td>
</tr>
<tr>
<td>Total installed power (kW)</td>
<td>110</td>
<td>170</td>
<td>230</td>
</tr>
</tbody>
</table>

**Pellet Cutting Type**
- Cooling cutting
- Hot cutting
- Heat cutting

**Layout**
- 1: Inlet hopper
- 2: Barrel mixing machine
- 3: Cooling tank
- 4: Pelletizing dies
- 5: Storage tank