



Sun Smile  
Corporation



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# Presentation

## Die Casting



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# Brief Introduction

**Credibility Foundation, Making Pioneering Efforts**

## Aluminum/Zinc Alloy Die Casting





## Company Overview

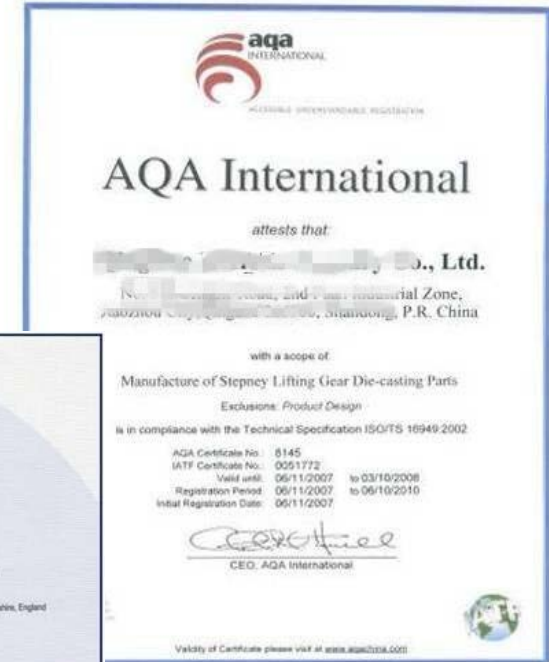
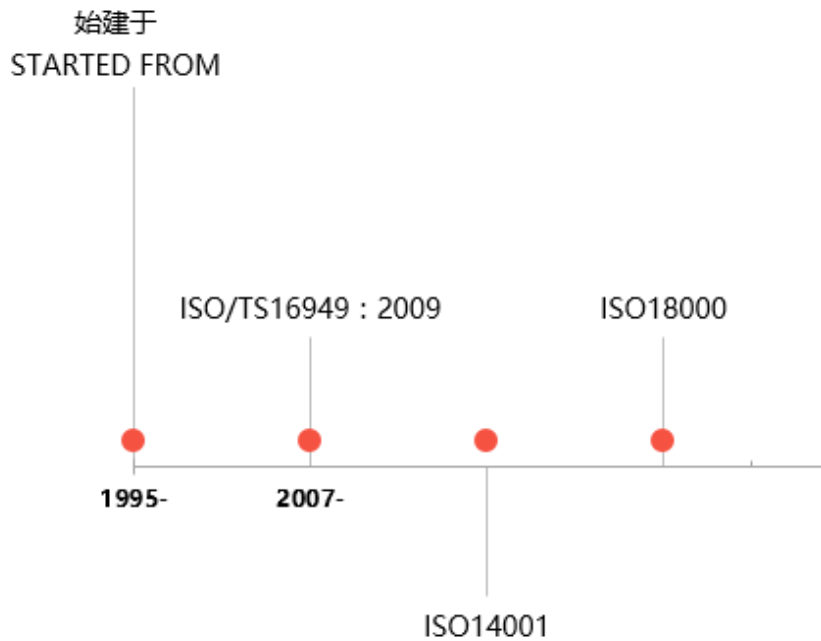


**Employee: 438**  
**Plant Area: 100,000 m<sup>2</sup>**  
**Established a quick-reacting program to solve the customers concern behind.**



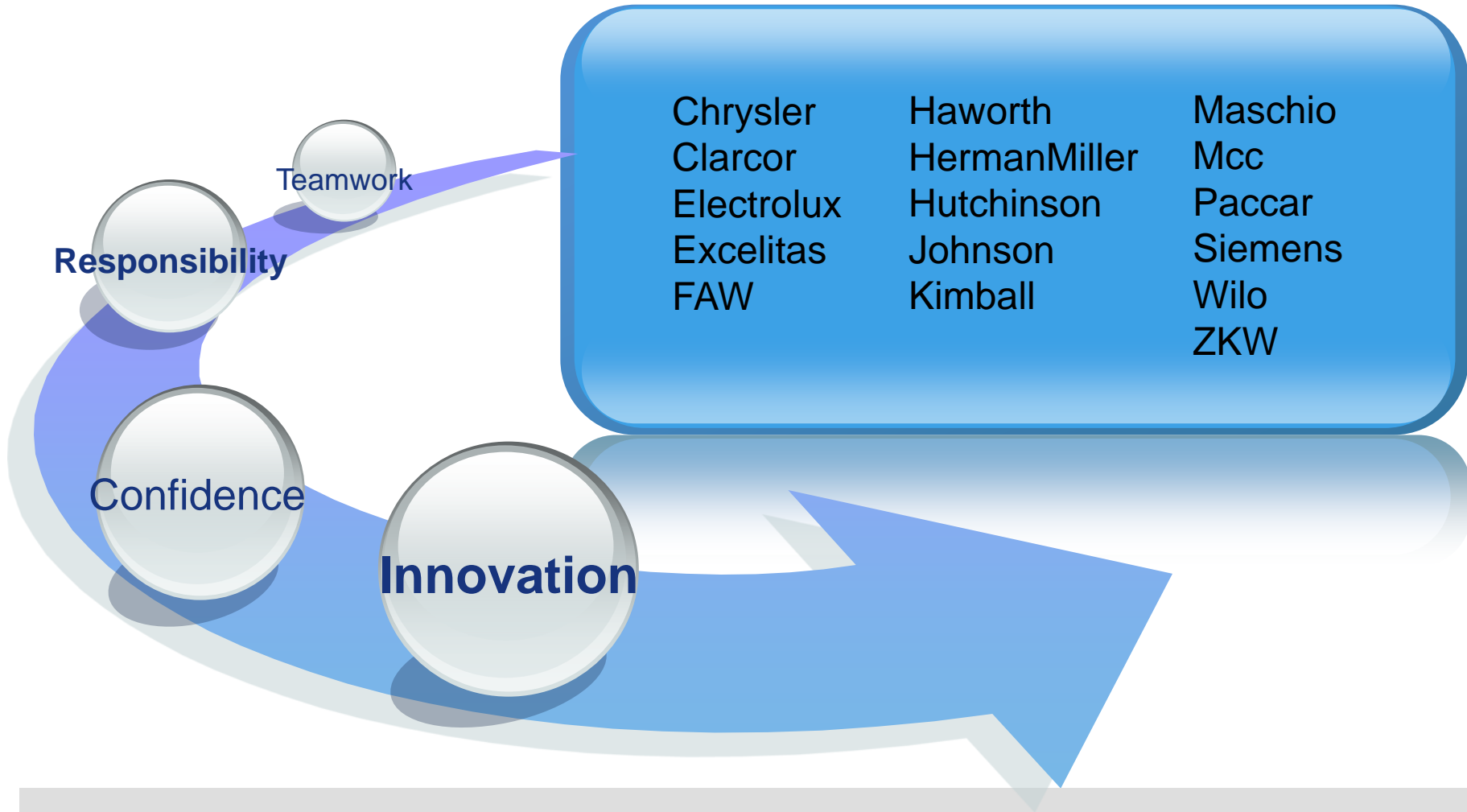


# Certification-Die Casting





# Main Customer





# Main Customer

- ❖ WILO
- ❖ DAB PUMP
- ❖ FAGOR
- ❖ LS TRACTOR
- ❖ SIEMENS
- ❖ (SKF)LINCOLN





# Quality Assurance



Good products with competitive price

## Inhouse:

- ◆ 6-sigma
- ◆ APQP
- ◆ Well-equipped lab
- ◆ 8D Report
- ◆ PDCA

## Third Party:

- ◆ SGS
- ◆ PONY



# High Pressure Die Casting Machine

We have 25 sets of High pressure die casting machines, 2 sets of Low pressure die casting machines, and 8 sets of reversible gravity casting machines. Here' s the detail of the high pressure die casting machines:

Facility--Die casting machine:			
Casting Machine	Tonage	Set	Remark
H.P Die Casting	88T	1	zinc
H.P Die Casting	160T	1	zinc
H.P Die Casting	180T	3	
H.P Die Casting	280T	5	
H.P Die Casting	400T	3	
H.P Die Casting	500T	3	
H.P Die Casting	630T	2	
H.P Die Casting	800T	3	
H.P Die Casting	900T	1	
H.P Die Casting	1250	2	
H.P Die Casting	1600T	1	
Altogether		25	

## Melting Capacity:

- ◆ 1200T/month capable
- ◆ 400T/month available

## Casting Capacity:

- ◆ 500T/month capable
- ◆ 150T/month available

## Post-treat Capacity:

- ◆ 550T/month capable
- ◆ 200T/month available





# Material Control & Melting Furnace

## Supply:

- ◆ FIFO/KANBAN Management
- ◆ JIT Delivery
- ◆ Safety Stock under blanket orders
- ◆ VMI
- ◆ Consignment Stock

## Outsourcing:

- ◆ Strategic purchasing for key suppliers/partners
- ◆ Regular Audit
- ◆ Rating
- ◆ Project Management
- ◆ Safety Stock

Japanese Shoei Melting Furnace X2, 700T/Month





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# High Pressure Die Casting Machine





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# Full Automatic Equipment



Max Size: 800X500mm

Max Weight: 15KG

1600T, 1250T, 800T, 400T, 280T



# Post-processing



Heat treatment equipment



Impregnating machine



Shot blasting machine



Automatic Tumbling line



# Machining Workshop



**Facility--Machining machine:**

Machine	Station Size(cm)	Set	Remark
VMC	50*50*65	4	
VMC	60*60*65	4	
VMC	80*60*65	6	
VMC	80*80*65	2	
HMC	60*60*45	2	
HMC	80*80*45	2	
HMC	100*100*75	2	2 station
Drill&Mill Center	60*60*50	3	
Drill&Mill Center	70*70*60	3	
CNC lathe		17	
Altogether		45	

**Machining Capacity:**

- ◆ 400T/month capable
- ◆ 100T/month available

**Inspection Capacity:**

- ◆ 500T/month capable
- ◆ 150T/month available

**Packing Capacity:**

- ◆ 500T/month capable
- ◆ 150T/month available



Horizontal & Vertical machining centre



# Cleaning & Painting Workshop



Automatic cleaning line



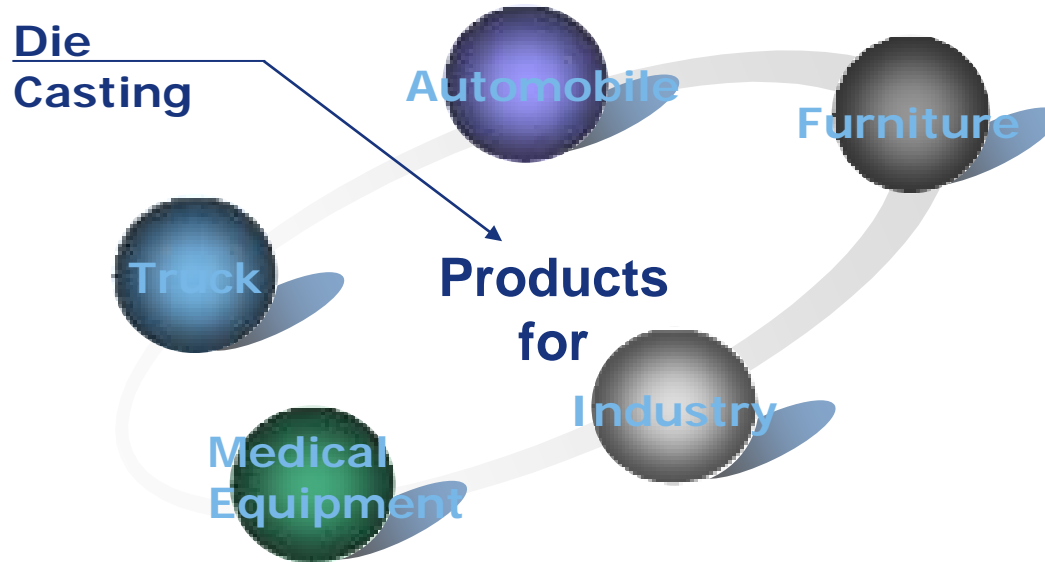
Painting line



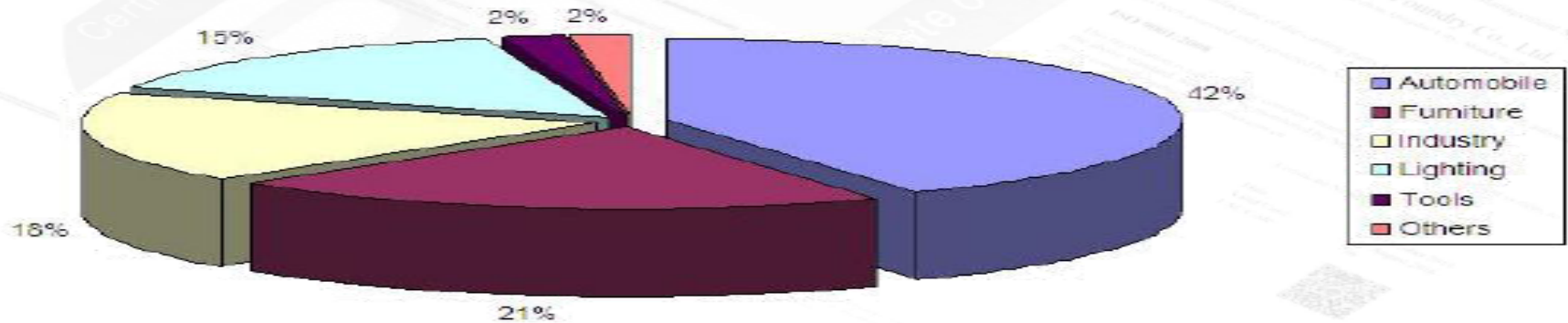
Pre treatment Pickling, Phosphating, Bake



# Product



Market share for die casting business -year 2015





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# Truck Parts

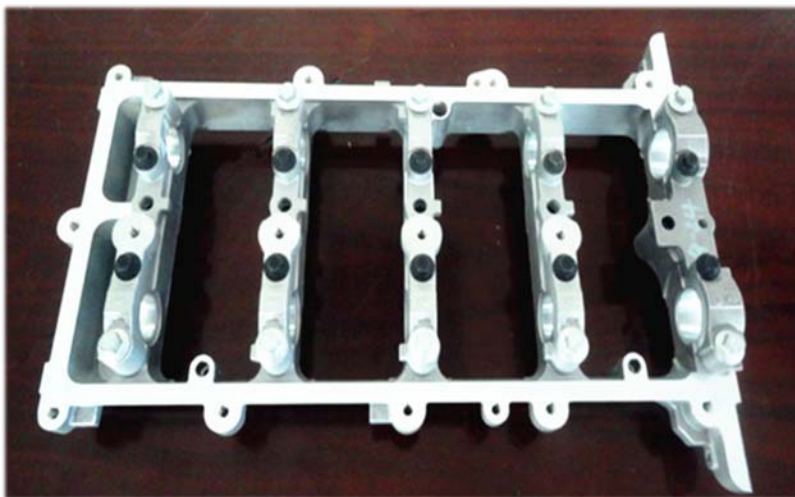
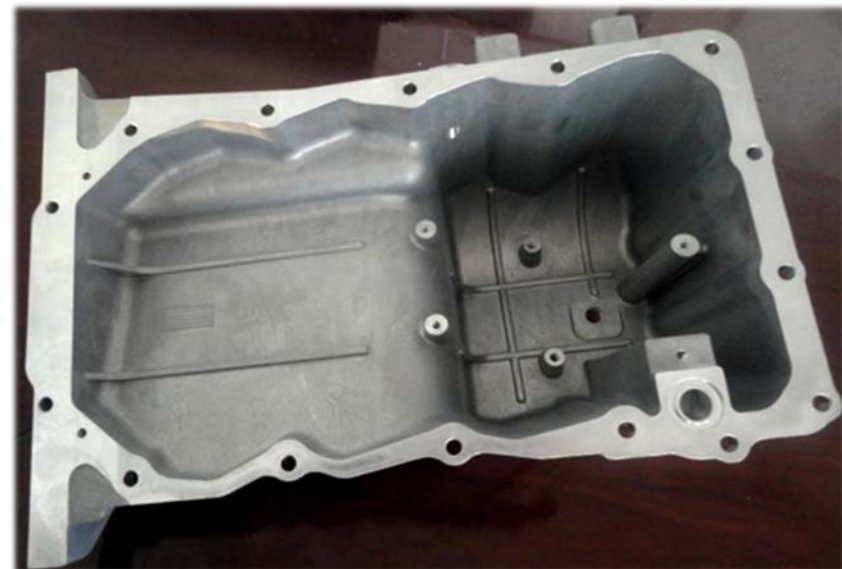


**Truck Mirror**





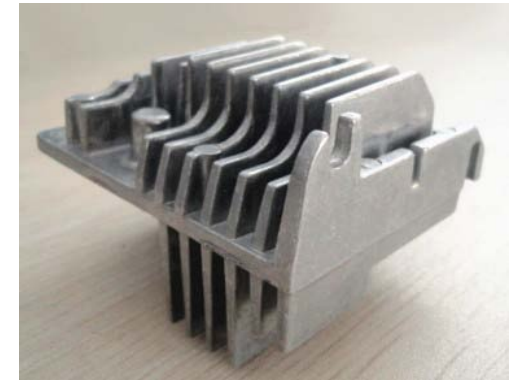
# Truck Parts



**Housing**



# Automobile Parts



**Light  
Heat sink**



# Furniture Parts





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# Industry Parts





# Industry Parts





# New Investment in 2 Years



2000T Die casting machine X1  
2500T Die casting machine X1  
3000T Die casting machine X1



Horizontal Machining Centre X3  
Vertical Machining Centre X20  
Milling Machine X30



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**Thank You !**