The new FAW-Volkswagen Foshan Factory
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Different climatic conditions within China

- **CHANGCHUN**
  - Straight line: 2,360 km
  - By road: 3,264 km
- **BEIJING**
  - Straight line: 2,540 km
  - By road: 3,393 km
- **CHENGDU**
  - Straight line: 1,190 km
  - By road: 2,007 km
- **FOSHAN**
  - Straight line: 1,190 km
  - By road: 2,007 km

**Population and Temperatures**
- **7.2 million inhabitants**
  - Min. temp. +10.0° C
  - Max. temp. +38.4° C
- **7.5 million inhabitants**
  - Min. temp. -39.8° C
  - Max. temp. +39.0° C
- **10.4 million inhabitants**
  - Min. temp. -5.9° C
  - Max. temp. +43.7° C
4 vehicle plants and 2 component plants in 3 regions

CHANGCHUN
Car Plant 1 and Plant 2

Milestones:
- 1991: Car Plant 1
- 1996: Powertrain Plant
- 2004: Car Plant 2
- 2008: Car Assembly 2 (CP1)

Capacity¹):
- 855 k vehicles / year
- 810 k engines / year
- 720 k gearboxes / year

CHENGDU
Car Plant 3

Milestones:
- 2011: Car Plant 3
- 2013: Engine Plant

Capacity¹):
- 540 k vehicles / year
- 450 k engines / year

FOSHAN
Car Plant 4

Milestones:
- 2013: Car Plant 4
- SOP Golf A7
- SOP Audi A3 Sportback / Sedan

Capacity¹):
- 360 k vehicles / year

¹) Based on 300 working days
### 3 successful models for the Foshan plant

<table>
<thead>
<tr>
<th>SOP August 2013</th>
<th>SOP February 2014</th>
<th>SOP June 2014</th>
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</thead>
<tbody>
<tr>
<td>Volkswagen Golf</td>
<td>Audi A3 Sportback</td>
<td>Audi A3 Limousine</td>
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- First MQB location in China and one of the most modern Chinese car plants
- Built according to the Volkswagen plant standard concept
- High level of automation / high flexibility
- Initial capacity\(^1\) of 360,000 cars / year

- Start of construction works of Phase II: 7 May 2014 (laying of foundation stone)
- Start of production (SOP) phase II: end of 2016
- Capacity\(^1\) phase I + II: 720,000 cars / year
- Total plant investment of €1.6 bn

\(^1\) Based on 300 working days
Foshan plant: Clear planning and execution process

- **Project signing**: June 2010
- **Laying of the foundation stone**: Dec 2011
- **First Audi A3 SB manufactured**: April 2013
- **SOP Golf A7**: Sep 2013
- **SOP Audi A3 Sedan**: June 2014
- **Start of construction**: June 2011
- **First Golf A7 manufactured**: Dec 2012
- **Agreement phase II**: May 2013
- **SOP Audi A3 Sportback**: Feb 2014
Environmentally friendly Blue Factory concept

-267t CO₂ p.a.
Reduction of water consumption and 100% re-utilization of waste water after treatment in biological sewage plant

-4,232t CO₂ p.a.
Reduction of vehicle exhaust gas emissions by using shuttle buses as means of transport for the majority of employees

-30,425t CO₂ p.a.
Reduction of energy consumption through innovative process technologies and equipment optimization

-15,667t CO₂ p.a.
Reduction of energy consumption through innovative architecture and equipment optimization

-54,912t CO₂ p.a.
Reduction of amount of waste, waste separation and up to 90% recycling

These savings are equivalent to:
→ annual exhaust gas emission of 196,000 cars
→ 4,047,000 m² (405 ha) of forest
→ annual power consumption of 12,500 households

Savings of 
> 100,000 tons CO₂/year
Blue Factory – Environmental certification of Foshan plant

**TRIPLE STAR**
Green Building Award
(China)

New certification of the Chinese government for environmental protection & energy savings

Certification:
★ Star
★★ Star
★★★ Star

★★★ Triple Star Certification obtained on 10 March 2013

**LEED**
Green Building Award
(International)

Certification of the US Green Building Council for environmental protection & energy savings

Certification:
Silver
Gold
Platinum

LEED certification in preparation (Potential Gold)

**Environmental Certification Basis for ISO 14000**
(China)

Certification of the Chinese government for environmental protection & energy management

Certification:
Award for ecologically sensitive operations and energy management

Scheduled and in preparation!
Foshan plant – Employee data

Total number of employees: 4,300 (as of June 2014)

- **Origin**: Workers from 28 provinces
  - Guangdong: 38%
  - Jilin: 22%
  - Sichuan: 7%
  - Other: 33%

- **Qualification**: 97% have a professional school qualification
  - Master: 12%
  - Bachelor: 80%
  - Professional school: 3%
  - High school: 5%

- **Position**: 91% Workers, 9% Management

- **Gender**: 98% Male, 2% Female

- **Age**: 71% Under 25, 22% 26-30, 5% 30-40, 2% Over 40

**Average age**: 24.8 years, 93% below 30 years
Training resources

- Spot-welding
- Detection of surface flews
- Glueing
- Assembly / installation
- Basic fitting knowledge
- Hydraulics and pneumatics
- Robots
- Converter
- Stud welding
- Welding tongs
- Basic skills in bodyshop
- Training center: Maintenance in the bodyshop
- Training center
- External trainings
- Supplier training
- Start-up assistance
- TTA Training VASS Standard
- Benchmarking
Training resources

**Plant engineering**
- Theoretical courses at the training center
- Practical training
- Advanced practical training
- Learning by doing (on the job)

**Fit & Finish**
- Basic expertise
- Mechanics
- Basic expertise
- Seaming
- Specialized skills
- Maintenance and optimization of seaming equipment/tools

**Seaming team**
- Basic skills training Foshan
- Practical training at assembly belt
- Workplace

**Workers**
- Basic skills training Foshan
- Practical training at workplace
- Workplace

**Timeline**
- 2011/11 (3M)
- 2012/2 (5M)
- 2012/7 (10M)
- 2013/5-today
- 2011/12 (3M)
- 2012/3 (6M)
- 2012/9 (10M)
- 2013/7-today
- 2012/2 (6M)
- 2012/8 (2M)
- 2012/10 (2M)
- 2013/1-today
- 2012/7 (6M)
- 2013/1 (0.5M)
- 2013/3 (1M)
- 2013/4-today
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