Company profile 2007
Dear business partners,

Although in June 2007 the two companies of the consortium ŠKODA STEEL (i.e. ŠKODA STEEL s.r.o. and ŠKODA, HUTĚ, Plzeň, s.r.o.) have merged into one, which has been renamed to PILSEN STEEL s.r.o., our strong position on the home and world markets has not been changed.

PILSEN STEEL s.r.o. keeps its top position on the world's market of open die finish-machined forgings and steel and iron castings building on more than 140-year-long tradition. Its production, 75% of which is intended for export, is especially designed for power generation industry, shipbuilding industry, rolling mills as well as cutting and forming machinery. A significant competitive advantage is the ability to manage the complete manufacturing cycle "under one roof", i.e. starting with steel making, casting and forging through to rough and finish machining including surface treatment.

Since the days of Emil Škoda we have always appreciated quality, tradition stability, dynamics and responsibility. That is why we have achieved and are still achieving worldwide success.

Thanks to our employees, customers, business partners and Pilsen citizens for the favour they have shown us for more than 140 years. As PILSEN STEEL we continue building our traditional values in a spirit of dynamics of the 21st century.

PILSEN STEEL,
your STEEL partner

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### History

1859 - Count Waldstein moved his engineering workshop to Plzeň, the first reference to a forging shop
1869 - Emil Škoda bought the Waldstein works
1886 - The first steelworks in Bohemia founded
1911 - Construction of a new iron foundry and a machining shop for heavy forgings
1945 - Works damaged by an air raid
1982 - Construction of a new production hall finished, press 105 MN installed
1987 - ASEA ladle started operation
1993 - Privatisation, formation of independent legal entities ŠKODA, HUTĚ, Plzeň, s.r.o. and ŠKODA, KOVÁRNY, Plzeň, s.r.o.
1996 - Foundation of the consortium Škoda Steel (i.e. ŠKODA, KOVÁRNY, Plzeň, s.r.o. and ŠKODA, HUTĚ, Plzeň, s.r.o.)
2004 - Sale of the consortium and incorporation into the group OMZ
2006 - Rebranding of the forge (Škoda Kovárny) on ŠKODA STEEL s.r.o.
2007 - Merger of both metallurgical companies and rebranding of the successor company on PILSEN STEEL s.r.o.
Manufacturing program
Total sales 2006: 4 175 mil. CZK (cca. 150 mil EUR)

FORGINGS
- Shafts for windmills
- Rolls
- Rotors
- Shafts for ships
- Crankshafts
- Other

INGOTS, CASTINGS
- Ingots
- Power generation
- Rolling mills, presses and hammers
- Nuclear waste casks
- Machine tools
- Engines and drives
- Shipbuilding
- Other

Castings
- Ingots
- Other
Crankshafts
Crankshafts in the best quality

We produce solid crankshafts for 4-stroke diesel engines, reciprocating compressors and piston pumps ranging from 1 up to 40 tons

Main references:
Burckhardt Compression, Dresser Rand,
GE – Nuovo Pignone, MaK – Caterpillar,
MAN Diesel, Mitsui – MES Tamano,
Rolls Royce, Wärtsilä, Weir Minerals

1997: Monoblock crankshaft the biggest of its kind ever manufactured in the world, weight 31,300 kg
Shipbuilding
We supply the world largest shipbuilders ...

- Propeller shafts
- Intermediate shafts
- Rudder stocks
Forgings for power generation
Generator rotors

Steam turbine rotors

Water turbine shafts
Shafts for windmills
Came with the wind ...

Steel making
Forging
Machining
Heat treatment
Surface treatment
Packing & Dispatch

World market share

Pilsen Steel 20%
Rest of the world 80%
Rolls
Back-up rolls
Max. weight: 70 tons
Hardness: up to 70 Sh
Type of hardening: differential
Hardened layer: up to 60 mm

Work rolls
Max. weight: 30 tons
Hardness: up to 100 Sh
Type of hardening: induction heating
Hardened layer: up to 21 mm
Ingots
- Bottom poured
- Round ingots up to 27 tons
- Polygonal ingots up to 140 tons
- Carbon, low- and high-alloy steel, stainless steel
Heavy machinery
Shipbuilding

Cement mills, mining industry

Rolling mills

Forming machinery
Power generation

Spent nuclear fuel transport and storage cask CASTOR®84/84 (IGNS design)
Turbine casings
Valve bodies
Blade carriers
Bearing pedestals
Bearing casings
Francis runner crowns
Francis runner bands
Kaplan hubs
Spent nuclear fuel casks
Cutting and motion machinery
Engine blocks

Machine tools

Compressors, pumps and gear boxes