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## **STROJÍRENSKÝ VĚDECKOTECHNICKÝ PARK s.r.o. (SVT Park)**

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WWW: <http://svtpark.cz>

Park location on the map: [here](#)

Reg.nr.: 24126381  
Director: Ing. Jan Malina ([jan.malina@svtpark.cz](mailto:jan.malina@svtpark.cz))

### **Operating data of the park**

**Membership in STPA:** YES  
**State of the park:** accredited  
**Partner in project SPINET:** NO  
**Launch day:** 1.6. 2015

**Founder(s):** Konstrukční oceli a.s.  
**Owner(s):** Konstrukční oceli CZ a.s.  
**Operator(s):** STROJÍRENSKÝ VĚDECKOTECHNICKÝ PARK s.r.o.

**Type of entity:** Limited liability company

**Criteria for acceptance of innovation firm:** Focus and scope of activities of the company  
Innovativeness  
Positive synergistic effect

### **Description of the park**

#### **Introduction**

SVT Park is modern Czech center for industrial research, technological development and innovation. Integrates three basic functions: innovative, incubation and technology transfer. SVT Park focuses primarily in these areas: energy, alternative energy sources, energy conservation; waste management and utilization of secondary raw materials, including recycling of biowaste; aviation; rapid prototyping and 3D printing. Engineering serves as a resource for research and innovation in final customer, while SVT Park focus on connecting with computer technology and specialized software.

#### **Description of technology transfer**

Technology Transfer Centre is a person which, in cooperation with research institutes and universities, provides services facilitating technology transfer to companies, both on domestic and international level, while securing also necessary sources for realization of the technological transfer and, at the same time, provides professional consultancy as well as intellectual property and industrial property consultancy. The Technology Transfer Centre does not operate its own research

places, does not undertake its own research or verification research of the transferred technologies. Currently SVT Park has conducted 2 successful technology transfers.

1. The transfer of know-how technology of radiant heating elements made of stone
2. Transfer Pat. No. 305512 - Method of treating wastewater and sludge filter-press plant material from the manufacture of fine ceramics and porcelain

### **Innovative entrepreneurship training**

SVT Park after its foundation began to look for an interesting start-up projects, which by their nature fit into specializations SVT Park and have the potential to succeed. For these projects SVT Park staff provide expert advice and support from development of original idea of the project through the establishment of a firm to the establishment of operational space. Premises with these companies offer in Business Incubator SVT Park, which is an environment predominantly intended for new innovation companies, which benefit under predetermined conditions favorable rents and services provided by SVT Park. In the case of Start Up project SVT Park forward the full range of their knowledge and in the future SVT Park wants to focus on other similar projects. SVT Park has a total of 4,351 square meters of floor space earmarked for the office business incubator. It is an office space, laboratories and production halls including the necessary facilities.

Furthermore SVT Park has leased its premises 7 innovative companies and one research organization. All subjects were innovativeness condition of renting space. Even these entities provide workers SVT park their knowledge and services. These are mainly legal advice and advice on grant projects. One of the companies conducting business as První železářská společnost Kladno s.r.o., which has succeeded in Innovation Competition 2014 organized by the Association of Innovative Entrepreneurship ČR, z.s. and reached the second place with the project Equipment for metallurgical laboratory.

### **Advisory services**

The purpose of SVT Park is to provide spaces, technologies and services, not only in mechanical engineering to universities, research institutions, research facilities and commercial entities, start-up or well established that want in industrial areas to develop innovative new technologies.

SVT Park is more than 10,500 square meters of floor space and acquired the latest technologies ready to support a large number of progressive individuals and groups, organizations and companies in its research and development, entrepreneurship and vocational training.

Within the business incubator was created facilities for the development of companies with the possibility of using modern machining, forming, folding, bending and other special machinery and technology for research and application of manufacturing processes of geopolymers (artificial stones) and waste materials for production of building materials. Services within the business incubator are subsidized.

SVT Park divides its services into the following areas:

Services:

1. Services Science and Technology Park:

1.1. Providing leases manufacturing, laboratory and office space.

1.2. Providing rentals technologies.

1.3. Use of synergic effect of cooperation for present research institutions, universities and manufacturing companies.

1.4. Providing expert advice:

2. The provision of services of center for technology transfer.

2.1. Consultancy in the field of intellectual and industrial property.

2.2. Organizing workshops, seminars and cooperative exchanges.

2.3. Assistance in applying the results of research and development to manufacturing and marketing.

2.4. Keeping a database of clients and partners and their continuous expansion even to international level.

3. Services of business incubator:

3.1. Providing discounted advice on start-up projects.

3.2. Providing discounted rents manufacturing, laboratory and office space.

3.3. Providing discounted rents technologies.

3.4. The establishment of joint projects, including financing and market access.

4. The provision of professional advice on business:

4.1. Feasibility studies and business plans, marketing consultancy.

4.2. EU grant advice.

4.3. Consultancy in public procurement.

4.4. Creation of expert opinions and analyzes.

## **Innovation infrastructure**

SVT Park is in its focus on engineering, energy and other capital-intensive industries in the Central Bohemian region. While working closely with other regional players in the innovation infrastructure. Newly founded Central Bohemian Innovation Center will be a partner for synergistic collaboration. SVT Park established contacts with state authorities (CzechInvest, Ministry of Industry and Trade, Technology Centre AS ČR, Technology Agency of the Czech Republic), which can mediate for its clients.

It is also planned collaboration with research organizations in the Central Region. For example, in the field of energy it will be University Center of energy-efficient buildings Czech Technical University in Prague, which is also located in Buštěhrad.

## **Cooperation with universities**

Cooperation with universities and research organizations

SVT Park has built facilities to support universities and research organizations.

Collaborating institutions:

- Asociace výzkumných organizací
- ČVUT v Praze - Fakulta strojní, Ústav mechaniky tekutin a termodynamiky
- ČVUT v Praze - Fakulta stavební, Katedra technologie staveb
- Ústav struktury a mechaniky hornin AV ČR, v.v.i.
- Výzkumný ústav meliorací a ochrany půdy, v.v.i.
- Výzkumná organizace COMTES FHT a.s.

SVT Park collaborates with universities and research organizations on projects that creates new jobs and internship opportunities for students. Currently SVT Park cooperates with the Czech Technical University in Prague, the Institute of Fluid Mechanics and Thermodynamics to build Cooling systems for energetics laboratory, which will create the posts for doctoral students field of Thermodynamics and Fluid Mechanics. It is also ready for cooperation with the Institute of Environmental Engineering Technical University in Prague, Faculty of Mechanical Engineering, where SVT Park helps with knowledge transfer between the institute and production companies.

## **Services provided to innovation companies**

**by STP**

**external**

**Consultancy**



business plans

- 
- 
- technological advisory
- 
- 
- patent advisory
- 
- 
- certification advisory
- 
- 
- financing advisory
- 
- 
- accounting
- 
- 
- legal advisory
- 
- 
- marketing advisory
- 
- 
- education (courses for entrepreneurs)

**by STP**

**external**

**Technical services**

- 
- 
- secretarial services
- 
- 
- telephone exchange
- 
- 
- telephone, fax
- 
- 
- copy
- 
- 
- text processing
- 
- 
- reception
- 
- 
- buffet, canteen
- 
- 
- conference space
- 
- 
- computer for technical usage
- 
- 
- workshops
- 
- 
- laboratories
-

- 
- access to data banks
- 
- 
- exhibition space

**by STP**  
**external**  
**Financing**

- 
- 
- equity
- 
- 
- credits
- 
- 
- subsidies
- 
- 
- other forms

**Service expenses**

**STP service costs**

- 
- only according to actual costs
- 
- only fixed payment tariff
- 
- fixed payment and additional charge for use
- 
- in lumps: rent, security, cleaning, phone, post

**Oher costs (p.a.)**

**acc. to usage**  
**fixed CZK/m2**

heating



electricity



others



total

**Rent (p.a.)**

**CZK/m2**

office space  
1500

production space  
1200

others  
240

### **Statistical data**

innovation  
other  
institutions

#### **TOTAL**

#### **Companies**

12

1

13

#### **Employees**

158

1

159

#### **Rented area m2**

9098

184

9282

STP

#### **Land area**

40516 m2

#### **Built up park area**

12185 m2

#### **Utility area**

10562 m2

#### **- Rented area**

9282 m2

#### **= Remains for rent**

1280 m2

### **Innovation companies**

#### **BattSwap CZ, s.r.o.**

Reg.nr.: 041 76 570

BattSwap is developing a battery replacement system for electric cars.

Technologies:

- 1400 - Transport and logistics system, drive technology
- 1405 - Transport and logistics systems, drive technology (other)
- 9000 - Hydraulics and Mechanics
- 9002 - Technical Equipments

Branches:

- 29 - Manufacture of machinery and equipment n.e.c.
- 73 - Research and development

**BLACK CIRCLE s.r.o.**

Reg.nr.: 02499100

Company engaged in fiber cutting technology.

Technologies:

- 0500 - Laser technology
- 0501 - Laser applications

Branches:

- 29 - Manufacture of machinery and equipment n.e.c.

**BRUKO TECHNOLOGIE s.r.o.**

Reg.nr.: 023 63 925

BRUKO Technology Company Ltd. It has the exclusive representation of manufacturers of high band and circular saws and sawing-drilling equipment, which are due to the high quality of products and services successfully represented in more than 70 countries worldwide. BRUKO Technology Company Ltd. participates in the development and design of new Technique of in band saws and circular saws.

Ing. Lenka Štanclová

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E-mail: [stanclova.bruko@gmail.com](mailto:stanclova.bruko@gmail.com)

WWW: <http://www.brukotechnologie.cz/>

Technologies:

- 9000 - Hydraulics and Mechanics
- 9001 - Controlling Systems
- 9003 - Design

Branches:

- 52 - Retail trade, except of motor vehicles and motorcycles, repair of personal and household goods
- 73 - Research and development
- 93 - Other service activities

**COMTES FHT a.s.**

Reg.nr.: 263 16 919

Europe's leading research organization, which will provide research and development of metal materials, new technologies forming and heat treatment of metals, particularly in key sectors: machinery, automotive and energy.

Tel.: +420 377 197 311

E-mail: [comtes@comtesfht.cz](mailto:comtes@comtesfht.cz)

WWW: <http://www.comtesfht.cz>

**Technologies:**

0200 - Power engineering

0300 - Production and process engineering

1205 - Energy materials

1207 - High performance metals

1210 - Multifunctional materials

1212 - New materials (other)

1213 - Surface coatings

**Branches:**

27 - Manufacture of basic metals

29 - Manufacture of machinery and equipment n.e.c.

73 - Research and development

**DEEPTIME s.r.o.**

Reg.nr.: 07058501

A company dedicated to 3D printing and design.

The first audio system 3D printed from sand.

Ing. MARTIN HŘEBEN

Tel.: +420 702 054 124

E-mail: [studio@deeptime.limited](mailto:studio@deeptime.limited)

WWW: <https://www.deeptime.limited>

**Technologies:**

1200 - New materials

9003 - Design

**Branches:**

22 - Publishing, printing and reproduction of recorded media

25 - Manufacture of rubber and plastic products

26 - Manufacture of other non-metallic mineral products

29 - Manufacture of machinery and equipment n.e.c.

31 - Manufacture of electrical machinery and apparatus n.e.c.

32 - Manufacture of radio, television and communication equipment and apparatus

52 - Retail trade, except of motor vehicles and motorcycles, repair of personal and household goods

73 - Research and development



**K.M. TRADE, spol. s.r.o.**

Reg.nr.: 250 61 551

Welcome to the website of K. M. TRADE, spol. Ltd., which was established in 1996 as a trading company focusing on the sale of alloyed steels and superalloys.

Gradually, our activity expanded for the production of special steels, mechanical parts, Cr - Ni alloys, alloyed scrap trade and ensuring cooperation in all these fields.

In 2014 it was launched in the newly built hall for machining with CNC machining centers and CNC lathe.

At present, we have our own storage facilities with more than five hundredth tons of alloy steel, equipped with band saws, which are able to cut the material according to customer requirements up to size 1100 x 1100 mm lateral saw a 920 x 1500 x 4000 mm longitudinal saw. For manufacturing and controlling helps us own spectrometer to determine the precise chemical analysis of materials supplied by us.

Our activities extend across several industries, of which the most important are metallurgy, mechanical engineering, energy and chemical industries.

Ing. Jiří Mráček

Tel.: +420 602 331 832

E-mail: [mrackova.alena@centrum.cz](mailto:mrackova.alena@centrum.cz)

WWW: <http://www.kmtr.cz/>

Technologies:

0500 - Laser technology

0800 - Measurement and control

1001 - Construction and connection techniques

1207 - High performance metals

1212 - New materials (other)

1213 - Surface coatings

1217 - Composite materials

1404 - Rail- and road-traffic engineering

Branches:

27 - Manufacture of basic metals

28 - Manufacture of fabricated metal products, except machinery and equipment

29 - Manufacture of machinery and equipment n.e.c.

73 - Research and development

**KV material s.r.o.**

Reg.nr.: 293 14 216

KV material Ltd. It is an importer and distributor Legrand, Zucchini, Efapel, Siemens, GENERI and Corti. KV material Ltd. He has extensive experience in designing innovative design of electrical equipment and its installation. Along with new designs, the company involved in the development of individual electronic components.

Farhang Farzan

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E-mail: [farzan@kvmaterial.com](mailto:farzan@kvmaterial.com)

Technologies:

0200 - Power engineering  
0202 - Power engineering, power electronics (other)  
0901 - Display technology

Branches:

31 - Manufacture of electrical machinery and apparatus n.e.c.  
73 - Research and development

**Prototypum**

Reg.nr.: 04821866

Company focused on industrial design and 3D print.

Ing. Martin Hřeben

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WWW: <http://prototypum.cz>

Technologies:

0200 - Power engineering  
0302 - Production and process engineering  
0400 - Information and communications technology  
0418 - Virtual techniques  
9003 - Design  
9007 - Fabrication from Plasticine

Branches:

25 - Manufacture of rubber and plastic products  
26 - Manufacture of other non-metallic mineral products  
29 - Manufacture of machinery and equipment n.e.c.  
72 - Computer and related activities  
73 - Research and development  
93 - Other service activities

**První železářská společnost Kladno s.r.o.**

Reg.nr.: 495 50 942

is a machining company that was founded in June 1996 having picked up on the tradition of the railway maintenance works of Poldi Transport. The company supplies complete plants namely for steel-making and mining industries, it produces steel structures and tailor-made precise CNC machining. It ensures design and production documentation, production, assembly, erection and subsequent maintenance of installed equipment.

Ing. Jiří Mráček

Tel.: +420 602 331 832

E-mail: [mrackova.alena@centrum.cz](mailto:mrackova.alena@centrum.cz)

WWW: <http://pzsk.cz>

Technologies:

0500 - Laser technology

1001 - Construction and connection techniques  
1207 - High performance metals  
1212 - New materials (other)  
1213 - Surface coatings  
1217 - Composite materials  
1404 - Rail- and road-traffic engineering  
9000 - Hydraulics and Mechanics  
9001 - Controlling Systems  
9002 - Technical Equipments  
9003 - Design

Branches:

28 - Manufacture of fabricated metal products, except machinery and equipment  
29 - Manufacture of machinery and equipment n.e.c.  
73 - Research and development

**REAL ECO TECHNIK, spol. s r.o.**

Reg.nr.: 261 79 113

A company engaged in waste management, use of secondary raw materials and development of geopolymer technology.

Jiří Pelichovský

Tel.: +420 724 065 263

E-mail: [j.pelichovsky@centrum.cz](mailto:j.pelichovsky@centrum.cz)

Technologies:

0205 - Other regenerative power sources  
1501 - Waste management

Branches:

37 - Recycling  
73 - Research and development

**Strojírna TEDESCO, a.s.**

Reg.nr.: 26171791

The company Strojírna TEDESCO, a.s. focuses on piece and small series production of parts according to customer documentation. We offer welding, machining and metalwork for wages, but we are able to provide input material and semi-finished products - for example castings from ductile and gray cast iron, etc.

Technologies:

9000 - Hydraulics and Mechanics  
9002 - Technical Equipments

Branches:

28 - Manufacture of fabricated metal products, except machinery and equipment  
29 - Manufacture of machinery and equipment n.e.c.

**ZETJET Technologies s.r.o.**

Reg.nr.: 01706845

The company focuses on the development of economical aviation engines.

Martin Ziegler

Tel.: +41 78 756 97 80

E-mail: [zetjet.ch](mailto:zetjet.ch)

WWW: <http://www.zetjet.ch>

Technologies:

1402 - Aviation engineering

9003 - Design

Branches:

29 - Manufacture of machinery and equipment n.e.c.

62 - Air transport

73 - Research and development

Subject:

**Spolupráce na vývoji geopolymerů**

Country:

India

Type of cooperation:

other

Description: Consultations research geopolymer technology. On the basis of a dialogue between SVT Park and University of SRM was a meeting between Indian and Czech experts on geopolymer technology SVT Park.

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