

COLMEXX we build places that bring happiness, health and energy

www.colmex.cz www.colmex.eu

We move public space

- ▶ We know how to do it thanks to over **3000 projects** around the world
- ▶ We have **everything in stock**, ready to ship immediately
- We produce in the heart of Europe, in the Czech Republic
- We will recommend the best equipment combinations that people will love to use
- All products are designed in cooperation with health and fitness experts

Places that bring happiness

FITNESS EQUIPMENT

Everyday training for everyone. All ages and sizes: men, women, moms, teenagers, seniors, you name it.

And all they need is just the weight of their own body.



XC SERIES ALL-METAL DESIGN

Cost-effective choice wherever people live. Great performance at a good price.

PARKOUR



These areas are created primarily for teenagers, starting from 8 years of age. Our Parkour playgrounds meet European standards and were designed in cooperation with well-known Czech parkour practitioners.

CE SERIES

resilience, here it is.

STAINLESS STEEL DESIGN

Exclusive design and long-term

investment. If you're looking for

SOLAR

Functional solar furniture that you must have. Functional equipment on which you can charge not only mobile devices.



SBI 201 STAINLESS STEEL DESIGN Wherever you place it. Recharge your batteries with us! Not just your body batteries!.

CHILDREN'S WORKOUT



Children are our future, so they should be educated and motivated to a healthy lifestyle as early as possible. We are happy to introduce you our children's workout sets.

STREET WORKOUT

The symbol of a healthy lifestyle and the returning of people to public space. Thanks to the patented modular system, you can expand our sets endlessly.



WO SERIES ALL-METAL DESIGN No mechanical parts, high resistance and great price to performance ratio.



WOS SERIES STAINLESS STEEL DESIGN Literally indestructible sets in an exclusive design for intense use.



Dear readers.

Colmex has been here for you for 13 years and it is not only thanks to you that our team has managed to complete over 3000 projects in 33 countries all over the world. The quality of honest work of Czech employees, services, products, social and environmental responsibility is obviously a positive evaluation criteria when choosing a reputable business partner.

We know that the cost of energy is a big topic for you at the moment, so in this newsletter, in addition to our standard range, you will also find our solar furniture, which we supply worldwide. As we say "We recharge your batteries, not just your body batteries".

By the way, did you know that our solar bench is actually a small solar power

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plant? A solar desk that you can use as an outdoor office is already much bigger and a photovoltaic gazebo, as a variant of your rooftop photovoltaic power plant, so that you don't have to interfere with existing roofs and can use the gazebo for other purposes, can be used anywhere?

You will certainly be equally interested in the offer of SORIAN, our sister company, which specialises in photovoltaics in the public sector. All versions and combinations, but one in particular.

And if you are already using solar energy to the full, we can build you a new outdoor gym or playground. There you will get the energy you need for new ideas! And we will take care of everything else. With pleasure.

> Vladimír Havlík CEO





We build places that bring joy, health and energy



In 2010, COLMEX tested what a few publicly accessible fitness machines would do in the middle of a park. They expected shyness - after all, who would want to exercise in front of passers--by? But it soon became clear that this is exactly what was missing outside.

Not everyone is built for lifting weights in the gym, and time is a scarce commodity these days. Anyone can drop into the outdoor fitness park at any time and do a few exercises for health with their own body weight - mothers with children, teenagers, athletes and seniors. In short, everyone. Because a healthy body needs movement. Not to mention a healthy mind.

After the first timid moves, outdoor gyms became a phenomenon, a new trend. It soon became clear that this is exactly what was missing outside. And not just for the elderly.

Although it is not obvious at first glance, it is about protecting public health. Thanks to a huge number of completed projects and the expansion of the range of products, the company is succeeding in preventing obesity, cardiovascular diseases and other civilizational diseases associated with minimal exercise in society. In cooperation with COLMEX, cities and municipalities provide people with a space to build fitness and release endorphins associated with joy, space for enjoyment and meaningful use of leisure time.

Fitness machines primarily provide prevention, giving people the opportu-

nity to naturally stimulate the muscles of all parts of the body. Weight machines create a space for more experienced athletes to increase their fitness in the open air in exchange for indoor gyms. For strength training and bodyweight exercises, trendy workout sets are popular. Last but not least, the combination of all elements appropriately complements training and building physique across age categories. For example, Únanov near Znojmo is proud of such a complex playground. The former landfill has been replaced by a unique sports centre where satisfied enthusiasts from a wide area gather. Similarly, the leisure area in Břasy, where a parkour set stands next to the street workout area, was built by reclaiming the former brownfield after Ultramarina. Under the unique factory chimney, lovers of inline skating, disc golf and pumptrack will also find something to enjoy.

""We have been a market leader in the construction of outdoor gyms for 13 years. We respond to current events and people's needs. In the Covid era, we entered the market with outdoor stainless steel disinfection racks. At the same time, we expanded our portfolio to include outdoor weight machines to replace the gyms that were closed at the time. The company's strategy is to systematically and in the long term supplement the needs of public space with regard to technological possibilities and trends. Our long-term strategy is to bring modern, up-to-date furnishings to towns and cities. We strive after expanding our portfolio in a meaningful way to complement the current playgrounds with new trends and real needs", summarizes Markéta Havlíková, the company's marketing manager.

Now, after 13 years in the market with 3000 outdoor gyms in 33 countries, the company is bringing new energy not only to the world of outdoor gyms. Solar benches for every playground and park. "It's not just a trend, but a necessary and functional piece of furniture - the right direction to go with the times. Free energy for everyone", says Markéta Havlíková.

"Introducing modern and functional furniture into public spaces is a necessity in these times of energy uncertainty. Solar benches should be one of the things that cities and municipalities will definitely purchase. Money invested in such a smart way brings concrete savings that can be used by cities and their citizens elsewhere," concludes Markéta Havlíková.





Recharge your batteries with us! And not just your body batteries!

COLME X

Poe Dali

Modern, trendy way of moving!

Outdoor stainless pole dance for every playground, every park

One fitness equipment, many benefits Strength Flexibility Charm Art

COLMEXX we build places that bring happiness, health and energy

Outdoor stainless-stee fitness equip eries CE



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COLMEX OUTDOOR EQUIPMENT - CE SERIES

- Stainless steel AISI 304
- ► Weather resistant
- ► Exlusive timeless design
- Remarkable product durability
- Suitable for urban areas, gardens and private residences
- ► Made in Czech Republic

Long-term investment, glamorous design

Exclusive and durable all-stainless steel fitness equipment for an active movement. The material allows placement in humid environments, in parks, mountains, and by the sea. Modern design fits into modern city districts, parks, residential areas, sports facilities and offices.

CE 03s

CE 06d

double

WAIST TWISTER

1810 x 540 x 1330 mm

ROTATING WHEEL

980 x 450 1740 mm

Equipment from our production:

Material: Stainless steel AISI 304 (AISI 316 optional but expensive)





CE 0103 TAI-CHI WITH ROTATING WHEEL 1074 x 822 x 1737 mm

CE 04s

LEG PRESS



MASSAGER 1500 x 842 1740 mm



CE 05 ELLIPTICAL TRAINER **single** 1020 x 540 x 1750 mm



CE 07s AIR WALKER **single** 1330 x 530 x 1320 mm



CE 10 PARALLEL BARS 1650 x 560 x 1350 mm



CE 08 RIDER 1190 x 580 x 1150 mm



CE 1119 CHEST PRESS AND PULL DOWN TRAINER 1700 x 700 x 1700 mm



CE 09d SURFBOARD double 1280 x 800 x 1320 mm



CE 11s PULL DOWN TRAINER **single** 1230 x 780 x 1740 mm



CE 04d LEG PRESS double 1740 x 540 x 1740 mm



CE 06s WAIST TWISTER **single** 1060 x 540 x 1330 mm



SURFBOARD



CE 12 BIKE 1270 x 600 x 860 mm



CE 09s **single** 790 x 740 x 1320 mm







CE 13a PEDAL PART 500 x 400 x 500 mm

CE 13d LOWER LIMBS TRAINER double 1340 x 580 x 940 mm





CE 19s CHEST PRESS single 1070 x 780 x 1740 mm

WALL BARS 1560 x 280 x 2400 mm

CE 22

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1	
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4	



CE 24 HORIZONTAL AND WALL BARS 4336 x 280 x 2400 mm

CE 25 MONKEY BARS 2160 x 760 x 2130 mm



CE 43

HYPEREXTENSION BENCH 1160 x 910 x 820 mm





CE 44

SIT-UPS EXTREME

1650 x 500 x 930 mm

CE 0411 LEG PRESS AND PULL DOWN TRAINER 1950 x 780 x 1740 mm

CE 0419 LEG AND CHEST PRESS TRAINER 1790 x 780 x 1740 mm



CE 13s PEDAL TRAINER **single** 580 x 360 x 940 mm



CE 23 HORIZONTAL BARS 3090 x 280 x 2000 mm



CE 30 SIGN BOARD 1100 x 100 x 2400 mm



CE 51 WORKOUT BAR 1650 x 500 x 930 mm



CE 679 TRI-SET TRAINER 2332 x 730 x 1310 mm



CE 14 SIT-UP BOARD 1430 x 460 x 1170 mm



CE 23s HORIZONTAL BAR single 1696 x 280 x 2000 mm



CE 41 **BODY CURL** 1230 x 430 x 800 mm



CE 69 WAIST TWISTER AND SKIER 1540 x 740 x 1320 mm



CE 1119H PULL DOWN AND CHEST PRESS HANDICAP 2332 x 730 x 1310 mm



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COLMEX ALL-METAL FITNESS EQUIPMENT - XC SERIES

- ► Colors in harmony with nature
- ► Solid metal construction
- ► Safe and design parts
- ► For use in city parks, forests and residential areas
- Everything in stock, you can build a playground tomorrow!

Outdoor exercise in harmony with nature

All-metal design in a color combination that evokes nature and harmony. The outdoor gym in a combination of green and dark gray underlines the natural environment of the parks and brightens up the residential areas with subtle color tones.



FOR HEALTH AND FUN

The body can be stretched, strengthened and rehabilitated on our equipment. We will be happy to suggest the best combination for your purposes.

XC Series products:



XC 01 TAI-CHI SPINNER 960 x 1110 x 1285 mm



XC 02 MASSAGER 1290 x 680 x 1700 mm



XC 03 ROTATING WHEEL 660 x 950 x 1790 mm



XC 04 LEG PRESS 1990 x 420 x 1550 mm







XC 10 DIP/LEG RAISE BARS

XC 13 LOWER LIMBS TRAINER 1250 x 1090 x 890 mm

XC 05

XC 09

SURFBOARD

1130 x 760 x 1560 mm

ELIPTICAL TRAINER

1270 x 530 x 1480 mm

PEDAL PART 500 x 400 x 500 mm





XC 16 **TENNIS TABLE** Color: blue-red 740 x 1525 x 760 mm

XC 18 WAIST AND BACK STRETCHER 1200 x 680 x 1030 mm





XC 20 ARM STRETCHER 920 x 570 x 2378 mm

1630 x 690 x 2170 mm



XC 13a

XC 06 WAIST TWISTER

1600 x 1270 mm





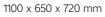
XC 07 AIR WALKER 1075 x 535 x 1390 mm



XC 11 PULL DOWN TRAINER 2100 x 750 x 1693 mm



XC 14 SIT-UP BOARD





XC 0103 TAI-CHI WITH ROTATING WHEEL 2100 x 750 x 1693 mm



XC 27 ROWER 1470 x 840 x 800 mm



XC 08 RIDER 1060 x 600 x 1160 mm



XC 12 BIKE 1270 x 600 x 860 mm



XC 15 CHESS DESK 1450 x 1450 x 850 mm



XC 1119 CHEST PRESS AND PULL DOWN TRAINER 1700 x 700 x 1700 mm

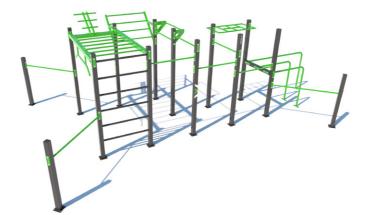


XC 29 PULL-UP STAND 1075 x 1210 x 2270 mm



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Stree workou



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COLMEX STREET WORKOUT

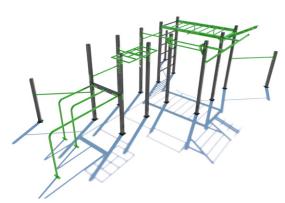
- ► All-metal construction
- Modular system
- Elements in stock
- ► We recommend a combination
- ► We design 2D, 3D visualization
- ► In colors of your choice

All-metal workout structure

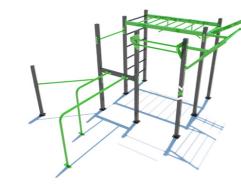
We are one of the biggest Czech producers of workout playgrounds in the Czech Republic.

Our patented and certified modular system of workout structure can be assembled from 50 elements and accessories. We can design the set for you and send you our 3D visualization. We can also recommend a suitable landing surface. The set can be placed in a park, on sports grounds or in an inner courtyard of a building block.

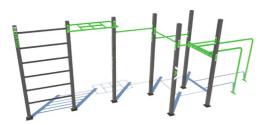
Street workout sets



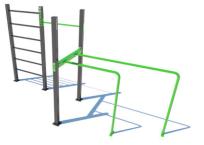
WO 0101 CALIFORNIA 8200 x 4900 x 2700 mm



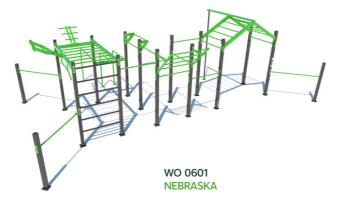
WO 0201 **FLORIDA** 4650 x 4550 x 2700 mm



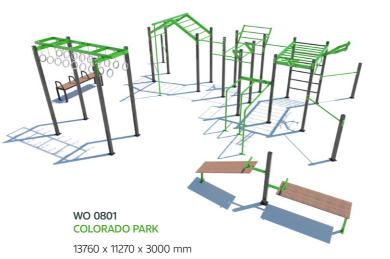
WO 0401 IDAHO 7090 x 1290 x 2700 mm



WO 0301 **KENTUCKY XS** 4090 x 1290 x 2700 mm



9370 x 5960 x 3000 mm



Workout elements

Our offer includes up to 50 elements. in the menu. You can find all the elements on our website www.colmex.eu





WO 2502 **BRIDGE II** 2490 x 1290 x 2500 mm

WO 2001 POLE DANCE 2400 x 90 x 3000 mm





WO 2103 HORIZONTAL BARS 1290 x 1290 x 500 mm WO 2110B - T PIECE 500 x 60 x 950 mm



WO 2201 VERTICAL LADDER 1290 x 90 x 2500 mm

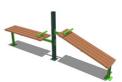
WO 2106 BALANCING BEAM 1290 x 1290 x 500 mm



WO 2802 WORKOUT BENCH II

2000 x 500 x 850 mm

WO 2301 HORIZONTAL BAR S 1290 x 90 x 2500 mm





WO 2603

3800 x 480 x 1500 mm

WO 2903

COMBINATION

PARALEL BARS II 2490 x 890 x 1500 mm



WO 2002 CLIMBING 2490 x 328 x 2500 mm



WO 2111 KUGEL BAR 90 x 90 x 900 mm



WO 2107 **BALANCING BEAM SET S** 2400 x 1490 x 375 mm



WO 2304 HORIZONTAL BARS II 3690 x 90 x 2500 mm



WO 2706 HORIZONTAL BARS IV

3690 x 90 x 2500 mm



WO 2101 PUSH UP STAND 650 x 600 x 300 mm



WO 2104 HORIZONTAL BARS 1290 x 1290 x 500 mm



WO 2112 STEP 500 x 60 x 950 mm



WO 2901 RIGHTING 1600 x 1200 x 1750 mm



WO BOX for outdoor





Street parkour playgrounds

for everyday training



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COLMEX PARKOUR PROJECTS

- Timeless design
- Modular system
- **Solid metal construction** with HDPE plates
- Designed by active street parkourists
- ► Fun, safe and adrenaline filled freerunning

Parkour playgrounds that bring happiness

Colmex Parkour consists of unique design all-metal segments and HDPE plates. The result created in collaboration of designers and parkourists.



COLMEX PARKOUR

The modular and flexible nature of all parts means that we can produce exciting and unique parks every time. The possibilities are endless. Design your own parkour playground, we will produce it for you!



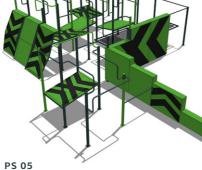
PS 04 PARKOUR SET MIDDLE 5 973 x 5 927 x 3 000 mm



PARKOUR SET SINGLERAID RAMP 2 426 x 1 961 x 2 500 mm

PB 02

2 048 x 448 x 1 024 mm



PARKOUR SET STAR 10 040 x 7 555 x 3 000 mm



PARKOUR SET LINE 4 393 x 250 x 2 500 mm

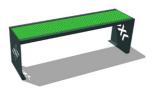




PB 03 RAILINGBENCH DOUBLEBACK RAILINGBENCH OUTCORNERR 2 224 x 1 224 x 1024 mm



PB 04 RAILINGBENCH INCORNER 2 224 x 1 224 x 1 024 mm





PB 05 BENCH 01 1500 x 400 x 520 mm

PB 06 BENCH 02 1500 x 400 x 810 mm





PW 04 WALL BASIC EMPTY 1 036 x 250 x 2018 mm

PW 06 WALL BASIC RACK 1 036 x 250 x 2018 mm





PW 08 WALL H BASIC TRIPLE RACK 2 036 x 250 x 2 018 mm

PW 09 PARKOUR EASYCHAIR 1 036 x 1 250 x 2 018 mm





PS 02 PARKOUR TRIPLERAID 3 720 x 1 420 x 3 000 mm

PM 04 PARKOUR DOUBLE A BOX 1 791 x 1 454 x 1 250 mm



PM 02 WALL A BASIC EMPTY H 1 356 x 1 000 x 1 000 mm

PM 03

WALL A BASIC EMPTY H 1 591 x 1 000 x 1 250 mm



PB 01

RAILINGBENCH SINGLE

1 048 x 448 x 1 024 mm



PS 03

PS 07

PARKOUR SET CHAIR

3 685 x 2 046 x 2 500 mm



PW 01 WALL BASIC EMPTY 1 036 x 250 x 1018 mm



PW 05 WALL BASIC WINDOW 1 036 x 250 x 2 018 mm



PW 10 PARKOUR XCHAIR 2 036 x 1 000 x 2 018 mm



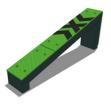
PW 03 WALL CUBE EMPTY 1 036 x 1000 x 1018 mm



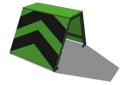
PW 07 WALL H BASIC EMPTY 2 036 x 250 x 2 018 mm



PS 08 FLAT PLATE WALL 2 280 x 2 270 x 3 000 mm



PM 07 WALL TRIANGL BASIC FULL 2 036 x 250 x 518 mm



PM 01 WALL A BASIC EMPTY 1 120 x 1 000 x 450 mm



Your New Sports Ground

We will sensitively set your new sports ground in the landscape or adapt it to your ideas and colors of your design. A playground in tones of green and dark grey will enhance the natural setting of the park and add natural tones to the residential areas. When building places that bring joy, we think about all generations, hobbies and sports.

From our broad portfolio, we can design a sports venue that will appeal to children and people with limited mobility, fans of bodyweight exercise, as well as weight training enthusiasts, parkour athletes and agility enthusiasts. A complex and generous sports ground with the possibility of resting can be united, for example, by the choice of suitable surface. The surface made of moulded rubber can be colour-matched to the sports ground environment.

Our Portfolio

is rich in products and materials with something for everyone! Fitpark in all-stainless steel and timeless design will tastefully decorate city districts, parks, residential areas and private residences. The all-metal design in green and dark grey gives the entire fitpark a natural look. The stainless steel with teak lining is the right choice in modern city districts and private gardens, and will tastefully enhance residences and outdoor offices. Acacia with stainless steel gets sports grounds in tune with nature. Solar furnishings or a photovoltaic gazebo ensure the energy self-sufficiency of the entire space.

We have everything in stock, so you can practice literally tomorrow.



Children are the future pillar of every society

In recent years, public space has become an increasingly important factor in the quality of life in our cities. As people spend more and more time outdoors, it is becoming necessary to cultivate public spaces to meet the demands of a modern lifestyle. Recently, the concept of creating healthy movement habits in children has been strongly focused in this direction.

Children's playgrounds are a key element in this regard. Children can play, develop their physical skills and spend



time outdoors, not at home on computers and phones. However, it is very important that playgrounds are not only a place for fun, but also a place where children learn a healthy lifestyle and adopt regular physical activity as part of their daily routine.

Children are our future, so they should be educated and motivated to a healthy lifestyle as early as possible. Creating healthy habits in pre-school is key to preventing adult diseases such as obesity, diabetes and heart disease. Children who learn how to be active and healthy are more likely to be physically fit and lead healthier lifestyles in the future. At the same time, it is especially important for children not to put emphasis only on performance and competition, but also on fun and joy of movement. Children should be encouraged to find a sport or activity that they really enjoy and that comes naturally to them. This will ensure that physical activity is enjoyable for children and will motivate them to stay active as adults.

That is why it is of the utmost importance that playgrounds help teach and develop children's motor and cognitive skills in a fun way. New trendy elements such as multifunctional play modules, creative zones, educational elements or vertical gardens for example can help to make children's playgrounds interesting and stimulating.



Another important point is the proper design and safety of the play elements. They must be designed so that children can play safely and happily without anyone having to worry about injury. Safety should be ensured not only at the play elements themselves, but also in the overall playground area. The risk of falling from a height, injury from sharp objects or exposure to dangerous surfaces should be eliminated.





Certified play modules and children's workout sets from a In this respect, COLMEX stands out, having been a supplistable company not only guarantee trouble-free use, but er of high quality equipment for bodyweight exercise, play, also safety and quality for all users, especially children. entertainment and sport to the public sector for over 13 Operators can therefore be confident that their facilities years. Their children's workout is a completely new form of meet the highest standards and that the games they equipment suitable for the development of coordination, offer are safe and suitable for all age groups. strength and flexibility, with many features and options for different age groups of children. In addition, with more If you're looking for a supplier of play modules and kits, than 3,000 completed projects, COLMEX has a large numit can be tempting to try to find the cheapest option. ber of satisfied customers and experience with different However, there are other factors to consider when chootypes of projects and environments. So if you are looking sing a supplier. For example, experience and expertise, for a product with proven quality, trust COLMEX and don't reliability and guality of products and services, length of hesitate to get their children's workout for your kids.

time in the industry, as well as approach to social and environmental responsibility, such as fair treatment of employees and appreciation of guality work of Czech employees.

For more information, including realisations and references, please visit www.colmex.eu







COLMEXX we build places that bring happiness, health and energy

Children's Workout



www.colmex.cz www.colmex.eu

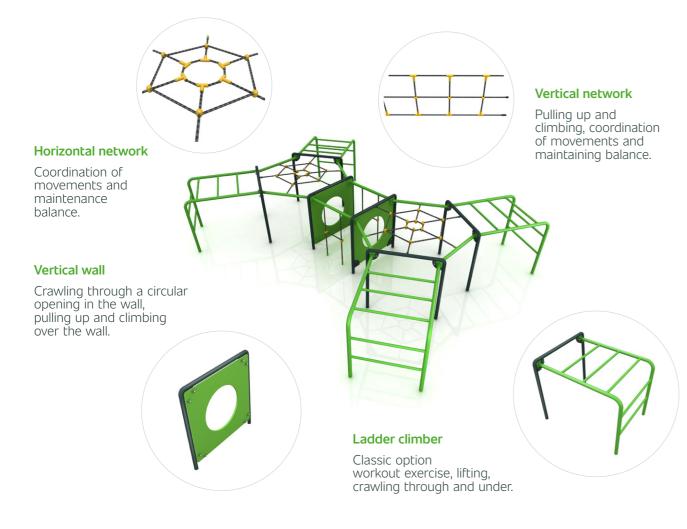


MULTIFUNCTIONAL CHILDREN'S PLAYGROUND

- Modular kit system
- Development of coordination, flexibility and strength
- Exercise while playing for children rom 3 years of age
- ► Immediate delivery from a verified supplier

Outdoor children's workout for children to move and play

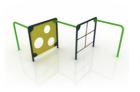
Modern playgrounds think about the importance of developing motor skills, movement and strength. Workout is intended for children from 3 years of age, belongs to schools and kindergartens, public sports fields and playgrounds as a supplement to game sets to support children's physical activities.



FOR PLAY AND MOVE

With a suitable combination of elements, you can ensure a purposeful experience for playing and exercising at the same time. Choose from our offer of 20 typical sets, or discuss others with us customized solutions. You can find all children's workout elements and game sets on our website www.colmex.cz







DH 07 AM14B LITTLE LEGENDS 2840 x 1770 x 970 mm

OCEAN EXPLORER 970 x 970 x 970 mm

DH 07 AM16B





DH 07 AM38B SNAKE TRAIL 1570 x 970 x 970 mm

OVER JUMPER 1920 x 970 x 970 mm

DH 07 AM39B





DH 07 AM45B DRAGONS LIAR 1900 x 1650 x 970 mm

DH 07 AM46B MULTI PLAY - game base 350 x 350 x 25 mm





DH 07 AM49B FUN FACTORY 5030 x 3440 x 970 mm DH 07 AM50B BUBBLY BAY

3550 x 3550 x 910 mm





DH 99 AM04B TREE LEAF 850 x 850 x 320 mm

DH 07 AS03B MOUNTAIN SNAKE Jumper Combo 7970 x 6170 x 970 mm



DH 07 AM22B MOUNTAIN CLIMBER

2820 x 1250 x 970 mm



DH 07 AM43B JUNGLE GYM 3440 x 2980 x 970 mm



DH 07 AM47B BASIC TUNEL

970 x 970 x 970 mm



DH 07 AM51B FAIRY FOREST 4010 x 3550 x 970 mm



DH 07 AS08B PLAYFIELD TUNEL Boxes 8870 X 7690 x 970 mm



DH 07 AM57B HOUSE CLIMBER 4560 x 970 x 970 mm



DH 07 AM44B PLAYTIME PARADISE 6070 x 3440 x 970 mm



DH 07 AS01B PLAYFIELD OCR 9100 x 1970 x 970 mm

DH 07 AM55B JUNGLE RASCALS 5690 x 2820 x 970 mm



DH 07 AS11B PLAY GAMES SET 8120 x 6800 x 970 mm

COLMEXX we build places that bring happiness, health and energy

NEW :: Smart Solar Powered Street Furniture







SMART SOLAR TABLE TECHNICAL DETAILS*: SEE LEAFLET SOLAR

SBI 101 SMART SOLAR BENCH

TECHNICAL DETAILS* Material: all-metal Dimensions (LxWxH): 1606x506x500 mm Weight: 95 kg Solar panel: 90W Voltage: 12V Battery capacity: 55Ah USB charging ports: 4 Wireless charging: 2 Optional LED strip light: white **Optional Wi-Fi router**



BSW WITHOUT BACKREST

TECHNICAL DETAILS*: Material: 304 stainlees steel with wood Dimensions (LxWxH): 1600x420x500 mm Weight: 32kg



TECHNICAL DETAILS*: SEE LEAFLET SOLAR

Material: 304 stainlees steel with wood Dimensions (LxWxH): 1600x420x500 mm Weight: 32kg

That feeling when you're standing on the street with a dead phone A solar bench with a phone charger and Wi-Fi connection is useful.

This story is proof.

He planned it beautifully. Three transfers - and everything looked coordinated so nicely. He would be home by 9:30. But he missed already the first bus of four. Just as he was running to the bus stop, the bus disappeared around a curve. "Damn it!" And on top of that, the phone is completely dead. He didn't even blink at him anymore. "Just perfect!" The only thing he read from the timetable was that there was one last bus leaving in an hour. But then what? What's next? Will there be anything else to follow? Without his cell phone, he was like a man without a hand. Today, instead of making his bed at home, he will have to make his bed on a bench somewhere in a corner of the country. But wait... this particular bench...

make sense.

bench?

...could charge his phone!

Kudos to the people who thought of putting a solar bench right here - with a phone charger and even, and this was especially nice given its nearly depleted data package, free Wi-Fi. This was the best thing that could have happened at that precarious moment.

When a solar bench is installed in the right place in a town or village, it becomes a really useful feature. It charges phones and tablets - via USB slots or wirelessly by induction, so passers-by don't even need their own cable. The bench can also cover its surroundings with a Wi-Fi signal. And it can even create supplementary lighting or collect data on air quality and emissions. So how to choose a suitable place?

In principle, you can place the solar bench anywhere. It is energy self-sufficient and does not need any power lines from the ground. And even the sun's rays don't have to hit its surface every day. The solar panels are so powerful and the batteries have such a capacity that the bench will charge your phone even after five cloudy days. So it works all the time - even in winter.

It can be helpful where people stay for longer periods of time.

The bus stop that saved the unfortunate latecomer's journey home is just one possibility. The area in front of the information centre is also a perfect option. There, free Wi-Fi and the ability to charge your phone or tablet is even sort of expected these days. In Czech cities, solar benches also stand in front of schools or on



university campuses. And spaces in front of libraries, museums or galleries also

And then there are specific places where people stay for longer periods of time. And where they even need charged phones - because they help them with their exercise. In fitparks, outdoor gyms and workout fields, people often spend hours watching exercise manuals from YouTube on their phones or turning on training session timers. A lot of people listen to podcasts while they exercise they work on their fitness and educate themselves at the same time.

That's why Colmex, which has already built over 3,000 such fitness parks and outdoor gyms in Czech towns and villages, has developed its own solar bench. But you may be thinking of a similar counter-argument as the author of this article: Can't a vandal destroy the solar

Twelve years ago, Vladimír Havlík, the owner of Colmex, used to hear that people would never exercise outside on the street. And today, outdoor gyms are quite common in towns and villages and people have taken them for granted. Vladimír Havlík sees it similarly with solar benches: "We want things around us to be nice and useful. And this is the next step on our journey." In addition, the solar panel is protected by scratch-resistant tempered glass and the electronics are concealed under a stainless steel structure with IP65 to IP67 protection - so rain and snow are considered.





And how to choose a place in your town?

Solar benches in towns, villages and also in entertainment resorts, such as Lipno, are increasing. But then again, there's no need to have one in every 50 metres of a city park. It's even unnecessary. In a small village, one is quite sufficient - but it must be conveniently located. In a place where the most people - locals or tourists - will benefit from it. Here are some examples of suitable places:

- > at outdoor gyms and fitness parks,
- > close to bus stops and train stations.
- > in front of an information centre, library, museum or any office,
- > at schools or campuses,
-) in a park or natural swimming pool.

The Colmex solar bench is manufactured in the Czech Republic. And it can be beneficial for you too. Start your journey at www.colmex.eu.

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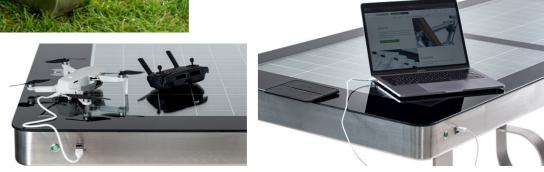
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STI 251

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Photovoltaics? But what if the roof cannot withstand that much weight?

What kind of energy independence is it if a forty-year-old roof can't bear the weight of photovoltaics. Such an independence will then become more expensive. Not to mention safety. Have you thought about it this way?

Power of 9 kWp - such photovoltaics can already supply the operation of a small municipal office or kindergarten. Beautiful.

But photovoltaics with such a power will also add almost a ton of extra weight on the roof of the building. Moreover, it is often an older roof that was definitely not designed and constructed for some photovoltaics decades ago. Back then, only the weight of the snow was calculated. So the question is: "Who is going to take responsibility for installing solar panels on such an old roof?"

No, no. Sorry. We did not want to discourage you from getting the photovoltaic power plant. Not at all. On the contrary - today, energy self-sufficiency is a necessity. Especially for municipal infrastructure, which has to work no matter what happens. Actually, we just want to show you what other possibilities you get when you lower your eyes - when you stop looking only at roofs with thoughts "how (for God's sake!) can I get a static survey - when you look at the whole issue outside the established paradigm: photovoltaics = roof. So lower your eyes - and imagine a photovoltaic gazebo.

A shelter with a proper steel construction, like you know from workout fields. A structure that will not bend to any element - natural or human. A structure that can be anchored to any existing surface without much intervention and can be easily dismantled and the whole gazebo moved wherever you want within half a day.

Such a photovoltaic gazebo is suitable for those places in the city or village where there is a lot of traffic during the day and where the generated energy is consumed straight away without being stored.

Do you want a specific example? OK. Let's try to sketch a 5 x 4 m gazebo - its ten panels give a total power of 9 kWp. This can easily mean a significant support, for example, for the operation of the energy-intensive municipal sewage treatment plant, where there is a problem with insufficient roof for classic solar panels.

9 kWp will also light up a smaller municipal office, including monitors, scanners and kettles on the desks of all employees. And such a gazebo can also easily "feed" the day-to-day running of a kindergarten or school.

Of course, the photovoltaic gazebo won't just stand by the wastewater treatment plant, in the school garden or behind the municipal office to no purpose. You can park employees' cars or work equipment under it. You can move your business meeting under it, because good thoughts always come to you in the fresh air and it will be fine in the armchairs in the shade of the gazebo. And the kindergarten children will build a whole new world under the gazebo, where neither the drops from spring showers nor the sharp summer rays will fall.

Without a doubt you will figure out some convenient uses of it in your town or village.

So go for it. The people from the Czech company COLMEX, who invented the photovoltaic gazebos, will work with you closely to find the dimensions and power that fit your ideas. Everybody knows that COLMEX has been bringing joy to public spaces with its fitness parks and workout playgrounds for 13 years and 3000 successful projects - this is the best showroom of their work. And definitely a fast work too - because the gazebo will be standing wherever you say within two days. Which is also guite a difference from the waiting times for rooftop photovoltaics, don't you think?

So think about energy independence in this new, expanded perspective. A photovoltaic gazebo is a modular system - it can stand anywhere, it can expand over time, it can have walls closed, open or half open, it can serve well in a hundred and one ways and above all it will serve well where the energy is consumed directly during the day.

The photovoltaic gazebo is SORIAN. And SORIAN is a new concept of energy self-sufficiency from the Czech company COLMEX.





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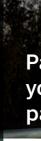


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