



VELO FEATURES

Freestyle Bike Park
Creative riding elements

FREESTYLE FEATURES

FOR AN EXISTING OR A NEW BIKE PARK

Velosolutions Freestyle Line offers special wooden/metal and dirt features. Freestyle elements allow to develop riding technique and style and focus on the art of mountain biking and tricks. The features are designed for riders to explore endless freestyle adventures.



In the city center or a bike resort - freestyle has no limits!



WHY FREESTYLE BIKE PARK?

A FUN WAY TO EXPERIENCE A DIFFERENT STYLE OF MOUNTAIN BIKING

In the past, mountain bikers had to rely on their skills in freestyle feature making, to practice their sport, but not anymore. Freestyle biking is growing in popularity, and bike rider communities seek alternative riding places next to business districts, school grounds, and other unconventional locations to progress in their sport and spend quality time.

Velosolutions Freestyle Bike Features has been designed to offer progressively complex challenges and opportunities for everyone.



5

FUN FACTS ABOUT FREESTYLE FEATURES



MULTIPLE DIFFICULTY LEVELS

Beginner to expert level features with a variety of different air and flow-oriented bike elements



COMBINED SETS OR STAND-ALONE FEATURES

Separate features integrated into any trail or custom-designed freestyle park with as many features as you want



MINIMAL MAINTENANCE

Because of the smart design solution and high quality, features require low maintenance



APPROVED & INSPIRED BY ATHLETES

Possibility to hold a Freestyle Park competition, attract professional riders, media and organize events



HANDMADE & SUSTAINABLE

A high-quality handmade product made of natural, long-lasting environment friendly materials and a screwless riding surface

FREESTYLE COMPLEXITY LEVELS

FEATURES MADE FOR EVERYONE!

Freestyle Line features are made for both beginners and advanced riders. The variety and difficulty of features can be made in 3 levels - kids, intermediate, professional. Combined elements from various difficulty levels provide everyone with the opportunity to **become a skilled rider**.



3 LEVELS

KIDS / BEGINNER
SMALL FEATURES

The easiest freestyle features with a wide surface and mellow angle. Mostly combined with landing without gaps

INTERMEDIATE
MEDIUM FEATURES

Intermediate difficulty features are for progression and suitable for medium or higher level riders

ADVANCED
LARGE FEATURES

Professional features are designed for skillful, advanced level riders, who enjoy challenging gravity with tricks and performance

CREATING A FREESTYLE PARK

You can choose a stand-alone freestyle feature or combine a whole freestyle line yourself. Or you can let us design a brand new freestyle park according to the size of your location, including various features from multiple complexities and functionality categories. Freestyle Bike Park can be any size - compact with low and safe jumps, large with features that give room for progression, or a well-balanced mix of both.



Share your vision, and we will do our best to make it real.

Send us the size of your area and a short story about potential user groups. We will suggest a custom design and useful tips.



CUSTOM FREESTYLE PARK EXAMPLE

Location: Harstad Bike Park, Norway

COMPLEXITY:
from kids to expert level

FREESTYLE ELEMENTS:
17

TOTAL AREA (m²):
1600

- 1. **WIDE DROP 200**
5.065
- 2. **DROP 130**
5.046
- 3. **KICKER L**
5.032
- 4. **LIP L**
5.036
- 5. **CURVED DOUBLE-WALLRIDE L**
5.081
- 6. **LIP M**
5.035
- 7. **FLAT DOUBLE-WALLRIDE M**
5.074
- 8. **DROP 100**
5.045
- 9. **DROP 60**
5.044
- 10. **CANNON M**
5.038
- 11. **LIP S**
5.034
- 12. **WHALE TAIL M**
5.085

REST AREA



CUSTOM FREESTYLE PARK EXAMPLE

Location: Harstad Bike Park, Norway



When combining the elements, we recommend to incorporate **3 levels of difficulty**:

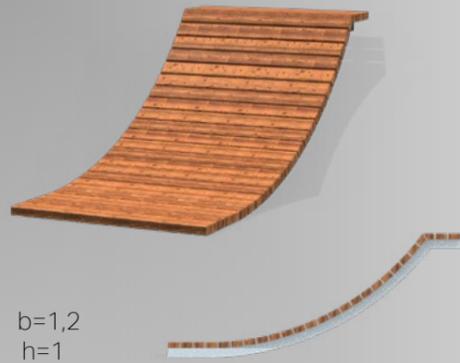


ELEMENT SHOP

DESIGN A FREESTYLE PARK YOURSELF OR LET US DO IT FOR YOU!

LIPS

LIP S
5.034



a=2,5 b=1,2
w=1,2 h=1

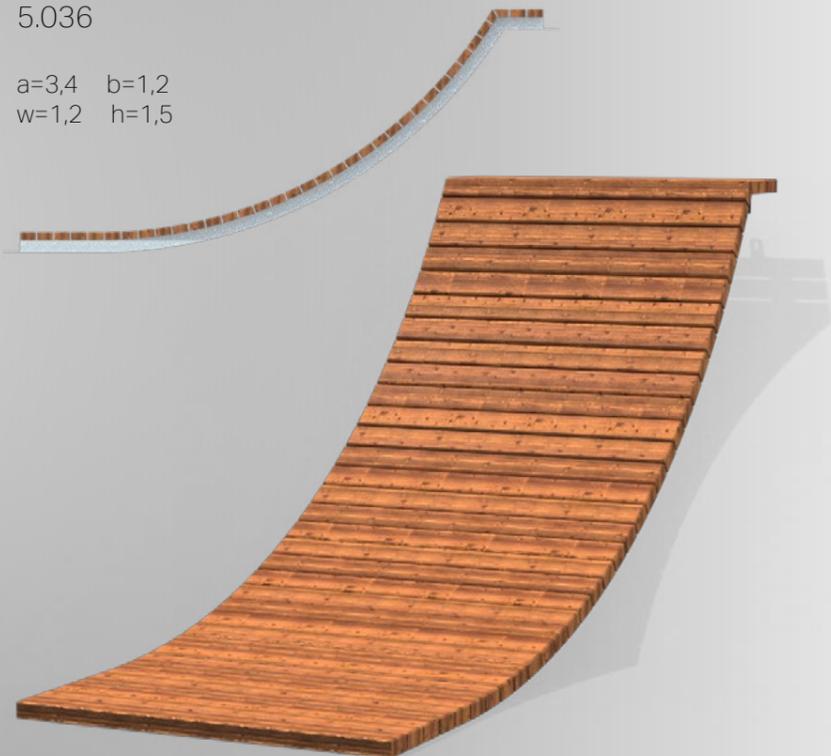
LIP M
5.035



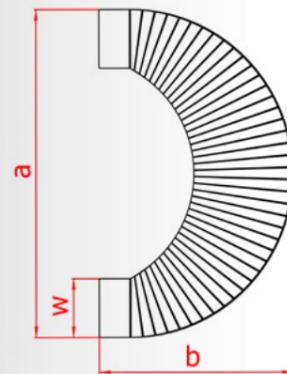
a=3 b=1,2
w=1,2 h=1,2

LIP L
5.036

a=3,4 b=1,2
w=1,2 h=1,5



SIZE DESIGNATIONS: Unit - meters (m)



a - area lenght (m)

b - area width (m)

w - deck width (m)

h - hight (m)

* graphic visuals (renders) may differ slightly from the final product

KICKERS

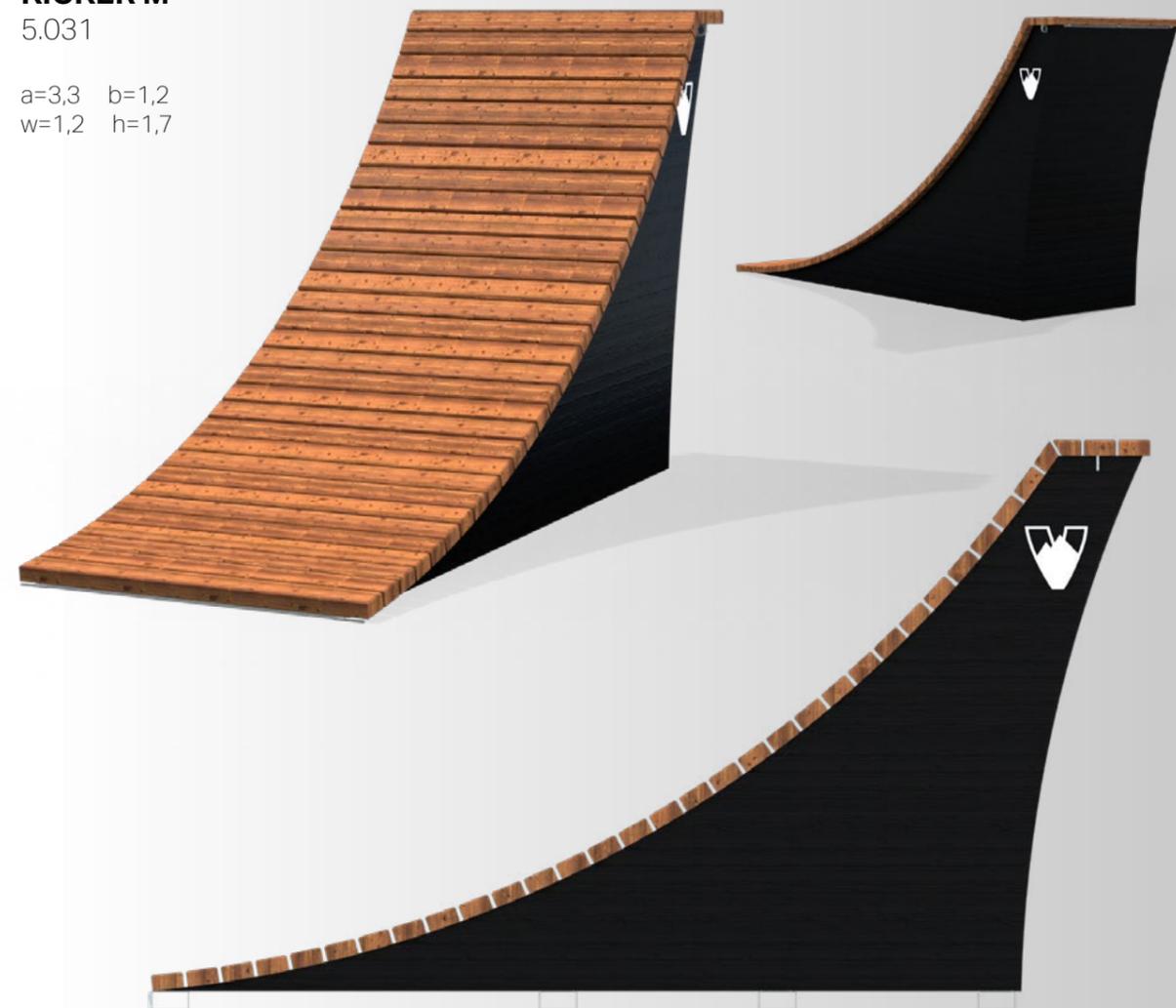
KICKER S
5.030



a=3 b=1,2
w=1,2 h=1,5

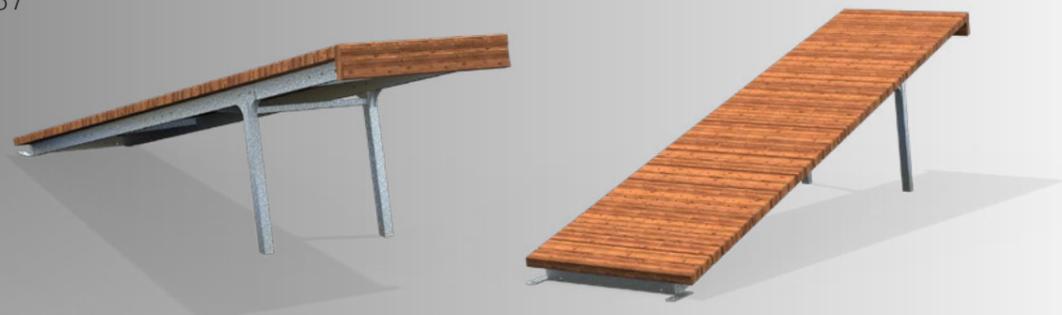
KICKER M
5.031

a=3,3 b=1,2
w=1,2 h=1,7



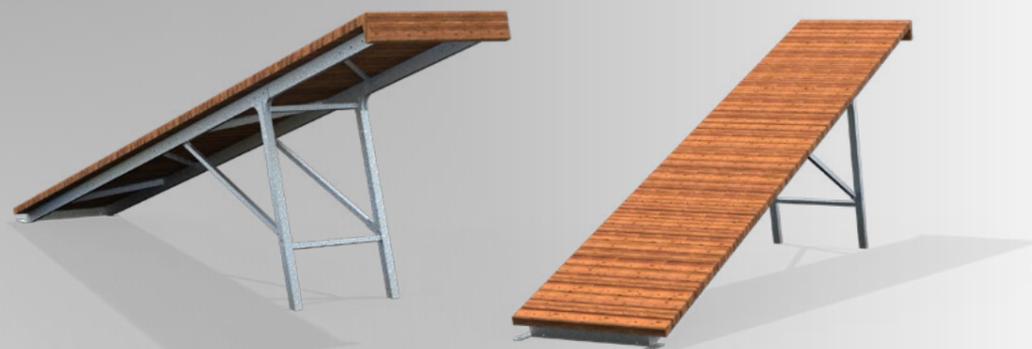
CANNONS

CANNON S
5.037



a=4 b=0,9
w=0,9 h=1,3

CANNON M
5.038



a=4,8 b=0,9
w=0,9 h=1,8

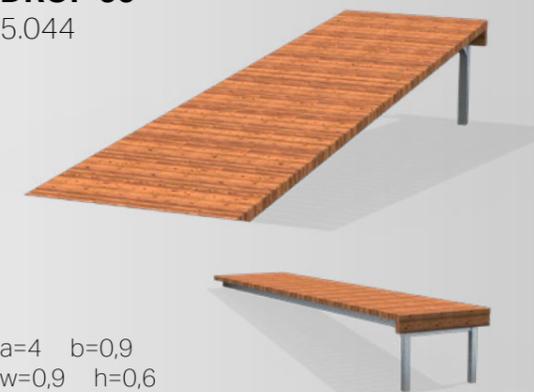
DROPS

DROP 30
5.043



a=4 b=0,9
w=0,9 h=0,3

DROP 60
5.044



a=4 b=0,9
w=0,9 h=0,6

DROP 100
5.045



a=4 b=0,9
w=0,9 h=1

DROP 130
5.046



a=5 b=0,9
w=0,9 h=1,3

WIDE DROP 130
5.046W

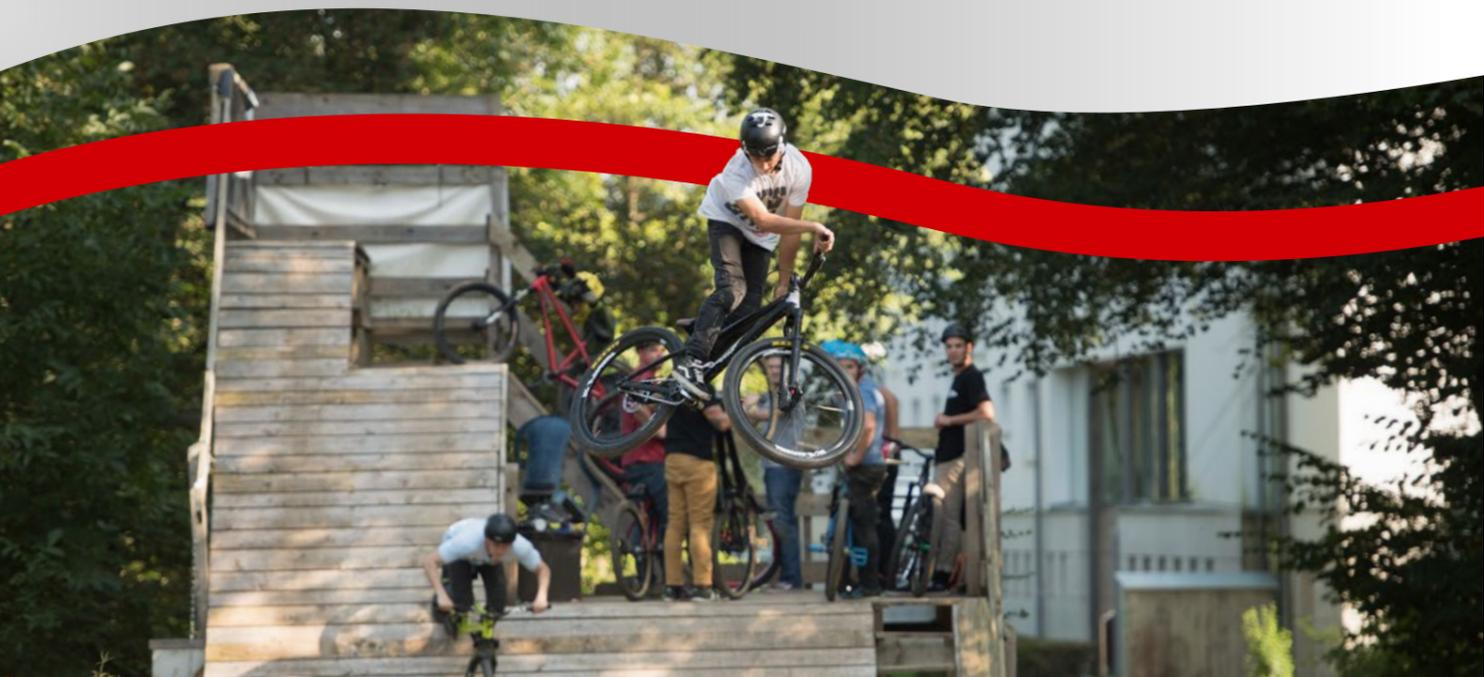


a=5 b=1,6
w=1,6 h=1,3

WIDE DROP 200
5.065



a=6 b=2
w=2 h=2





LONG JUMPS

LONG JUMP S
5.049



a=1,9 b=0,9
w=0,9 h=0,5

LONG JUMP M
5.051



a=2,9 b=1,2
w=1,2 h=0,7

ON-OFF BOXES

ON-OFF BOX S
5.059



a=5,5 b=1,6
w=1,6 h=1

ON-OFF BOX M
5.060



a=5,5 b=1,6
w=1,6 h=1,5

ON-OFF BOX L
5.061

a=6,5 b=2
w=2 h=2



WHALE TAIL

WHALE TAIL M
5.085

a=11 b=2,5
w=2,5 h=2,4



WALLRIDES (FLAT)

FLAT WALLRIDE S (2 x 4,5 m)

5.070

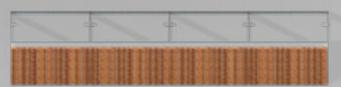
a=4,5 b=2
w=2 h=1,7



FLAT WALLRIDE M (2 x 6 m)

5.071

a=6 b=1,4
w=2 h=1,9



FLAT WALLRIDE L (3 x 9 m)

5.072

a=9 b=2,1
w=3 h=2,8

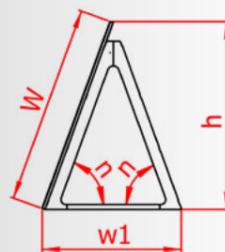
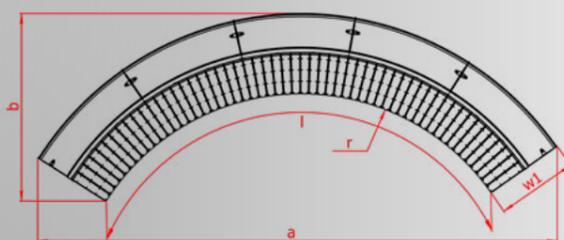


SIZE DESIGNATIONS: Unit - meters (m)

a - area lenght (m)
b - area width (m)

w - deck width (m)

h - hight (m)



FLAT DOUBLE-WALLRIDE S (2 x 4,5 m)

5.073

a=4,5 b=2
w=2 h=1,7

DOUBLE



FLAT DOUBLE-WALLRIDE M (2 x 6 m)

5.074

a=6 b=1,4
w=2 h=1,9

DOUBLE



FLAT DOUBLE-WALLRIDE L (3 x 9 m)

5.075

a=9 b=2,1
w=3 h=2,8

DOUBLE

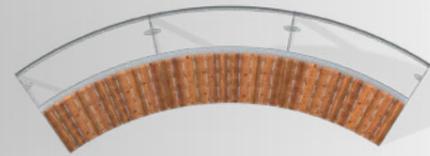


WALLRIDES (CURVED)

CURVED WALLRIDE S (R4)

5.076

a=4,5 b=2,7
w=2 h=1,7



CURVED WALLRIDE M (R6)

5.077

a=6 b=2,6
w=2 h=1,9



CURVED WALLRIDE L (R9)

5.078

a=9 b=3,7
w=3 h=2,8



CURVED DOUBLE-WALLRIDE S (R4)

5.079

a=4,5 b=2,7
w=2 h=1,7



CURVED DOUBLE-WALLRIDE M (R6)

5.080

a=6 b=2,6
w=2 h=1,9



CURVED DOUBLE-WALLRIDE L (R9)

5.081

a=9 b=3,7
w=3 h=2,8



ADDITIONS & BRANDING

FOR WALLRIDES

All freestyle wallrides (flat & curved) can be fitted with two types of side safety covers:

1 STANDARD SAFETY COVER
5.082



2a EXTRA SAFETY COVER
FOR WALLRIDE WITH OPEN BACK
5.083-1



2b EXTRA SAFETY COVER
FOR DOUBLE-WALLRIDE WITH CLOSED BACK
5.083

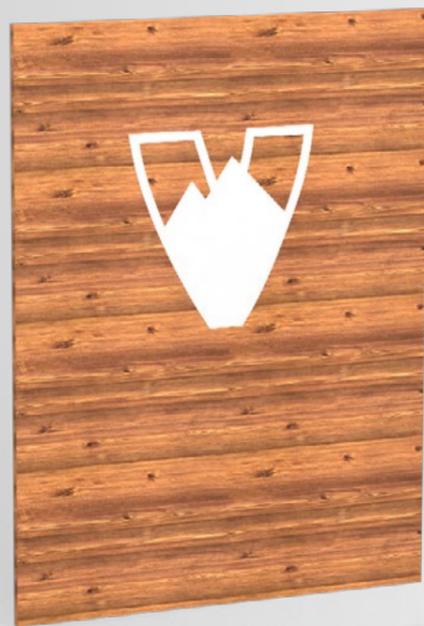


 **VARIOUS BRANDING
OPTIONS**

ADDITIONS & BRANDING



Freestyle elements can serve as a perfect branding option. Promote your city, business, or partnership by creating custom branding. Place logo on the feature, build a strong reputation, raise awareness, and it will take your recognition a step further.



For some features it is optional to add additional safety covers, where it is possible to place any logo - of your bike park, sponsor, supporter, or event - the choice is yours!

The basic surfaces of the elements can also be used for branding.



TECHNICAL DATA

With a passion for bike playgrounds, we strive to enhance your projects by delivering consistent engineered products on time, while focusing our design on easy installation for builders, reliability for managers & fun progression for the end-users.



**SIMPLE TO
MAINTAIN**



**SUSTAINABLE
SOLUTIONS**



**SAFE
ELEMENTS**



**PRODUCTION
4-8 WEEKS**

INSTALLATION

- can be installed on a dirt / gravel surface
- easy to set up with small machinery
- suitable as permanent installations
- can stay outdoors all year round

DURABILITY & SAFETY

- all metal frames are hot-dip galvanized, thus protected from rust and corrosion
- metric threaded stainless steel screws prevent the planks from tearing
- screws fastened from the bottom of the boards make the riding surface screwless

To attract more people to this exciting urban sport, the approach was to create a compelling and accessible design for all bike enthusiasts. The team of engineers, architects, talented riders, and professional athletes came up with the design based on their own rider experience and gained impressions from the world's best freestyle parks.



CERTIFIED

Our products are EN 1090-2:2018 certified and all steel structures marked with CE mark (execution class EXC-1)



**2-YEAR
WARRANTY**

Velosolutions provides a 2-year warranty against manufacturing defects for all elements (under EU law). The lifespan of the elements can reach up to 10 years.



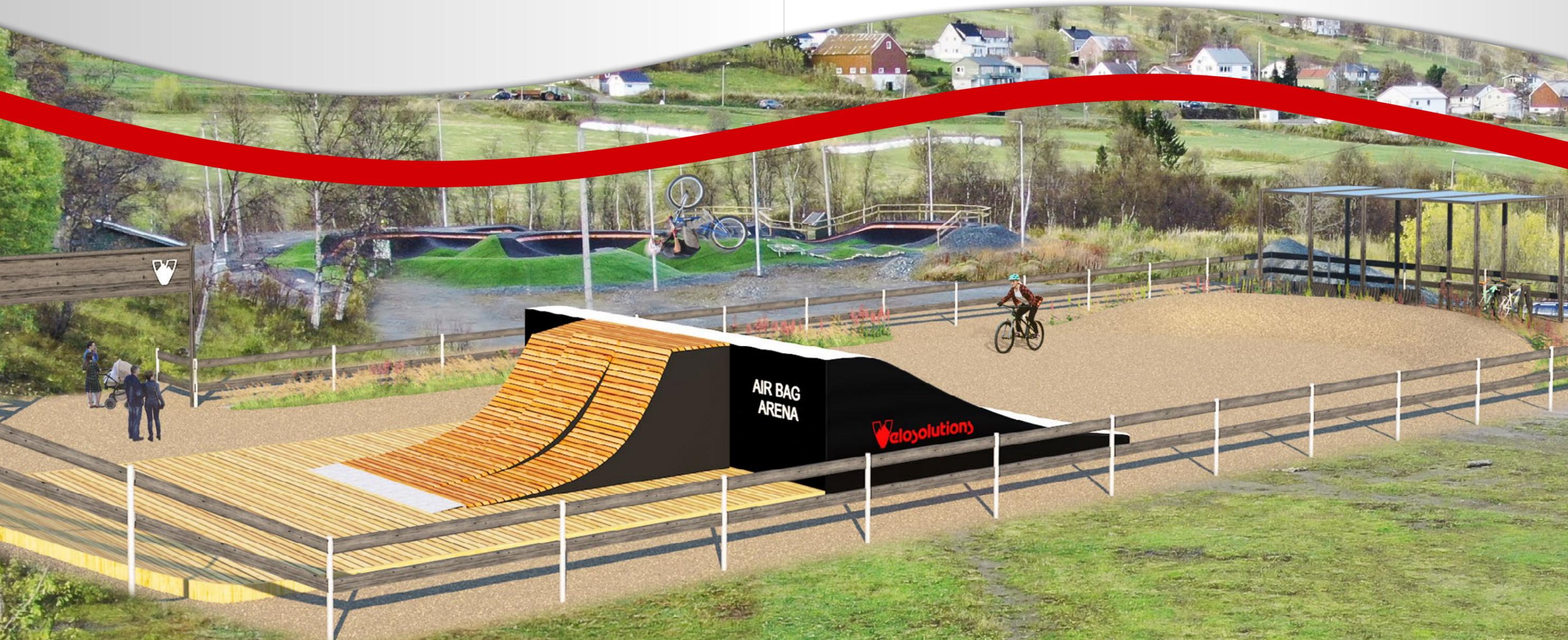
VELOSOLUTIONS TRAINING VENUE

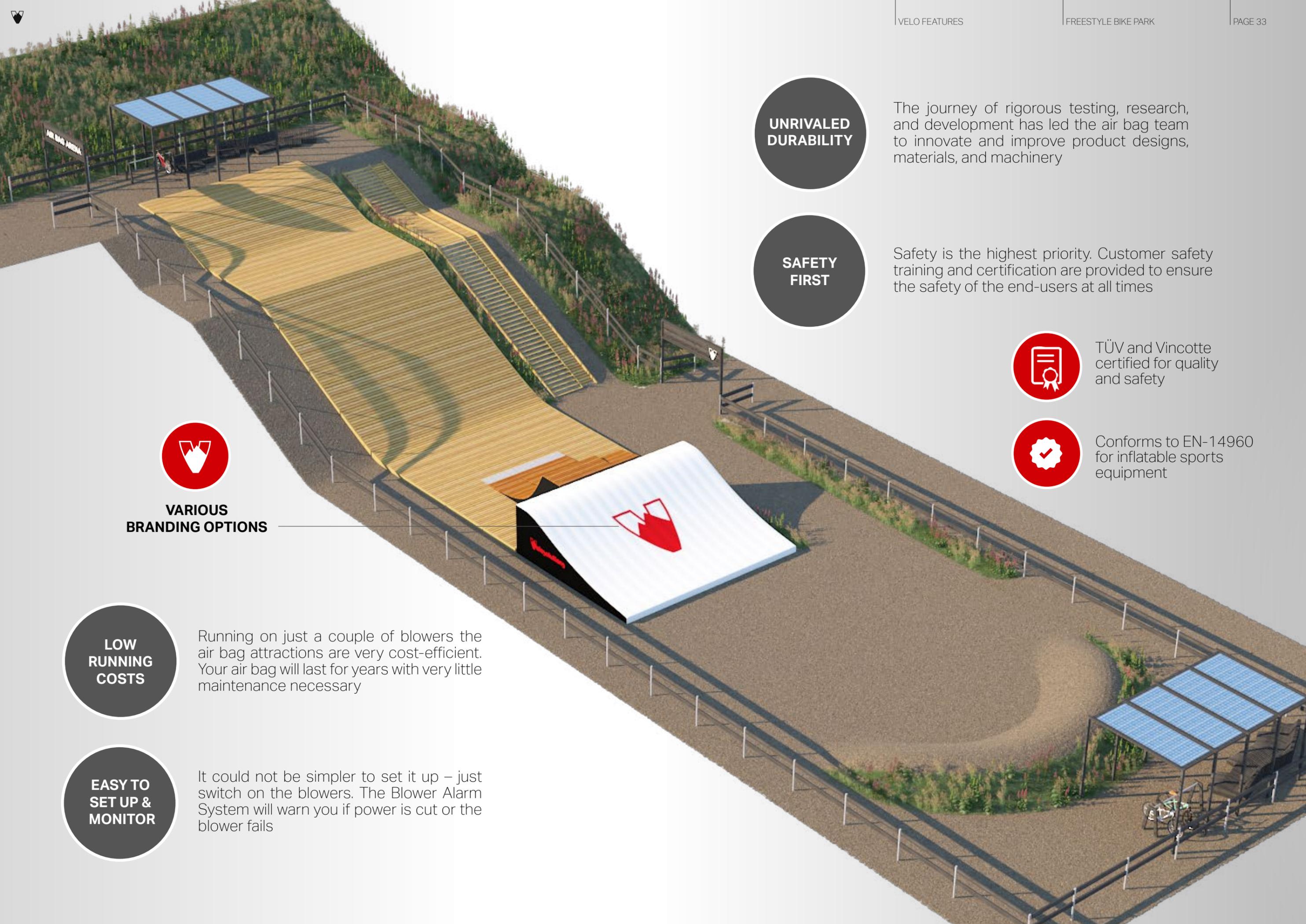
AIR BAG ARENA

SPICE UP YOUR FREESTYLE PARK!

The air bag landing can be used to create many thrilling and unique activities for all alternative sports, adventure experiences, and events. Hand-built exclusively using the finest German-made materials, manufacturing techniques, and machinery.

The air bag landing adopts the contour of the landing area it covers, providing fall safe protection at the knuckle, on the landing ramp itself, and finally in the run-out area. The result is an ultra-realistic training platform that mimics a real landing ramp.





UNRIVALED DURABILITY

The journey of rigorous testing, research, and development has led the air bag team to innovate and improve product designs, materials, and machinery

SAFETY FIRST

Safety is the highest priority. Customer safety training and certification are provided to ensure the safety of the end-users at all times



TÜV and Vincotte certified for quality and safety



Conforms to EN-14960 for inflatable sports equipment



VARIOUS BRANDING OPTIONS

LOW RUNNING COSTS

Running on just a couple of blowers the air bag attractions are very cost-efficient. Your air bag will last for years with very little maintenance necessary

EASY TO SET UP & MONITOR

It could not be simpler to set it up – just switch on the blowers. The Blower Alarm System will warn you if power is cut or the blower fails

WE ARE VELOSOLUTIONS

Velosolutions is the global innovator of pump track and trail creation, offering customized solutions for all your bike needs. From pump tracks to dedicated bike parks, from concept through to creation, we are equipped to deliver industry-leading design and construction around the globe.

With **20 worldwide representative offices**, the Velosolutions family is growing fast and 300 projects around the world enabled us to develop the skill-set to design the most exciting, challenging yet safe track for all riders.

Velosolutions is a **full-service company**, ensuring all processes in the highest quality: from consultation to full construction and unique marketing services.

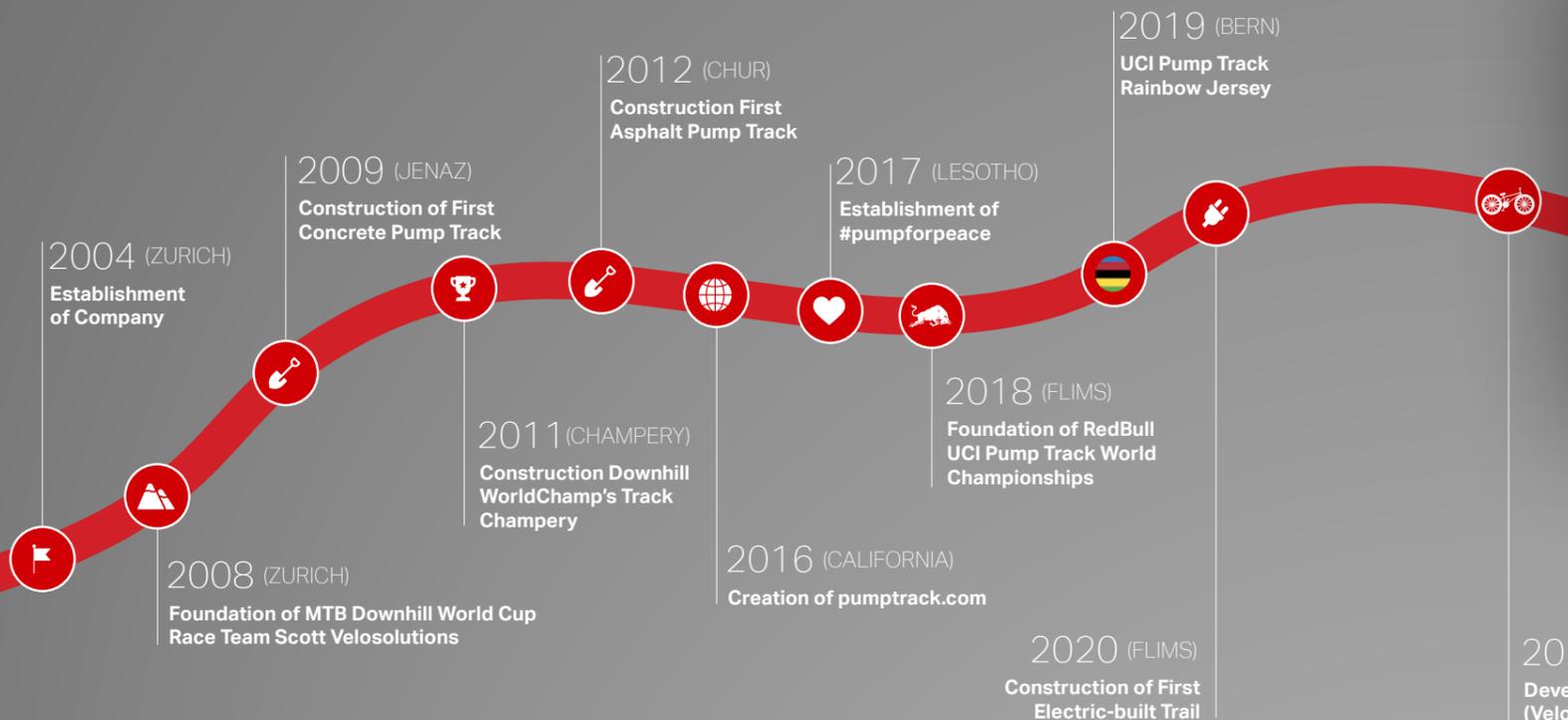
The team behind Velosolutions Velo Features unites different professionals from the bike industry, including designers, construction engineers, architects, riders and other experts. Together they develop unique bike parks and transform outdoor areas in destinations for active people.

OTHER TYPE OF BIKE PARKS



SKILLS BIKE PARK

An educational yet fun bike park with obstacles that mimic urban areas in a playful manner – a playground for young and old.



PUMP TRACK

Improve the existing pump track with additional freestyle features that will make riding more interesting, attract a wider audience and take it to the next level.



WOOD BIKE PARK

A fun cycling journey through untouched territories, round the lake or.. - you choose! It can be wavy, snaky and even can have some easy jumps.

Request more details: products@velosolutions.com



Think & Build Velosolutions GmbH

Via Stenna 4 | 7017 Flims
Switzerland

+41 81 911 12 12
products@velosolutions.com
velosolutions.com/freestyle-bike-park