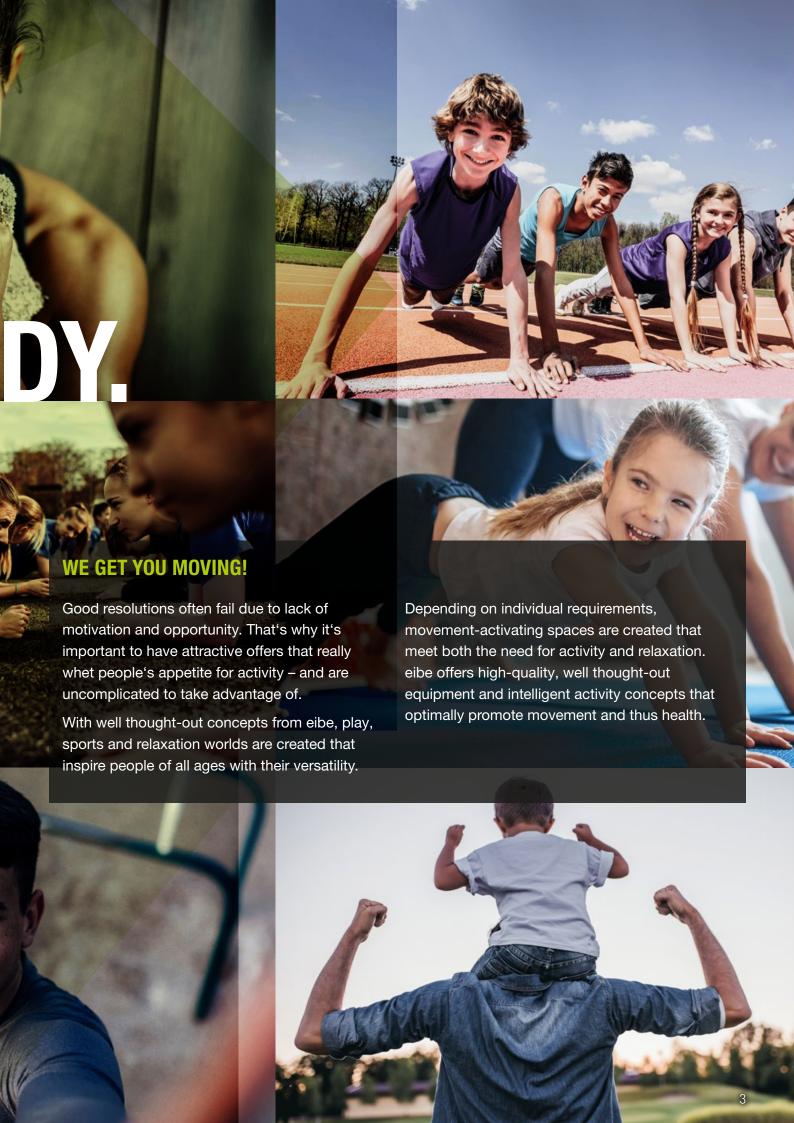


### FRESHAR FREME **EXERCISE IN THE FRESH AIR - IMPORTANT AT ANY AGE.** Exercise is healthy – for body and mind. And • The cardiovascular system is stimulated, the when it takes place outdoors, it can hardly be body, the immune system and the defences more beneficial to health - just 30 minutes a day are strengthened. strengthens the body. Vitamin D stores are filled and stress is There are numerous arguments that speak for reduced - ultimately, fresh air makes you the fact that exercising in the fresh air is healthy, happy, because exercising in the great helps to clear the mind and keeps the body fit: outdoors causes the body to produce more of its own hormone serotonin. Performance and blood circulation of our body and brain are increased by better oxygen supply, this makes us mentally fitter and more concentrated.







## TOUGH TF

FUN & ACTION













SOCIAL INTERACTION

### FITNESS PLAYGROUND

### **GET MOVING**

STRESS RELIEF

Motivating young people to exercise? More important than ever in the digital age.

Exercise hardly ever takes place in the regular everyday lives of children and young people. Sitting in class for long periods of time, doing homework at their desks and spending their free time on computers, game consoles, smartphones, etc.: gaming, streaming, surfing, chatting.

Nowadays, inactive habits also shape the lives of our children and young people. Action-packed activities take place on the screen at best, while movement plays an ever smaller role in the real world of kids. The lack of sport and the refusal to exercise are a serious problem of

our sedentary times. While exercise still plays a relatively important role in childhood, the lack of exercise increases significantly from the age of 11. We at eibe wanted to do something about this unhealthy trend. We took a close look at the situation, needs and wishes of our kids. What does it take to get them off the couch, away from digital and social media and instead outdoors, moving around, having great fun that also makes them want to do more?

Challenge accepted: the eibe tough trail.



### NOT FOR COUCH POTATOES

Nowadays, encouraging young people to exercise requires more than a football pitch or a "normal" playground – that's more for the "little ones". Action, fun, real challenge and the extra portion of adrenaline are in demand when it comes to keeping up with the fascinations on the screen.

Teenagers are cheeky, wild and non-conformist. Standing out, competing with others, going their own way, trying things out, looking for a challenge and gaining experience on their own – these are typical behaviours and at the same time important developmental characteristics of older children and teenagers.

Ninja Workout (made famous by the TV show Ninja Warrior), Freerunning, Parkour or Street Workout are

intoxicating trend sports that have an inspiring, motivating and mobilising effect on young people because they particularly meet their wishes and needs in a sporting way.

We were inspired by these athletic locomotion arts in the development and design of our eibe tough trail.

The innovative playful fitness trail with its modern edgy-dynamic design language and striking patterns such as graffity, arouses curiosity, stimulates the urge to move and also attracts demanding teens to the fitness playground.

### SHOW WHAT YOU ARE MADE OF

The sometimes spectacular-looking ascents, crossings and descents in various degrees of difficulty can be used to train different movement sequences: Shimmying, balancing, climbing, swinging – strength, coordination and dexterity are required to overcome the obstacles casually and safely. The young people learn to deal creatively with the abilities of their own bodies. Individual elements such as walls, cubes and platforms are reminiscent of real-life examples in the city: stairs, railings, park benches, walls. The aim here is to overcome obstacles that stand in the way skilfully and efficiently. The focus is on flow of movement and control.

Those who want to can compete with others in a speed contest.

### FIND YOUR WAY, DISCOVER YOUR POSSIBILITIES

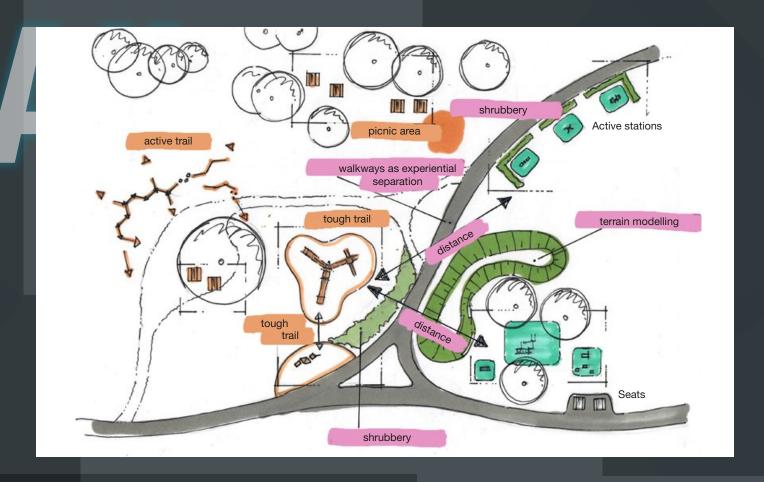
On the tough trail, many kids can live out their fun in playful exercise at the same time. On their own, with each other or in competition – different difficulty levels allow every child and young person to use the equipment according to their own individual abilities.

- Modern, urban design
- Challenging, demanding ascents, transitions and descents for the 10+ target group
- Robust materials especially suitable for high use and a long product life span
- Tested safety: play equipment according to DIN EN 1176
- Three casual colour concepts to choose from









### PLAY MEETS SPORTING CHALLENGE WITH FULL-BODY COMMITMENT — PLAY, SPORT AND CREATIVITY ON THE FITNESS PLAYGROUND

Monotonous playground equipment was yesterday. Today, the market has so much more to offer, as the "fitness playground" concept proves. It combines play fun with sporting activity and a pinch of creativity. Alone, together or in competition – how children and young people use the playground equipment is entirely up to them. This not only promotes their independence, but above all versatile movement. The tough trail range from eibe is ideal for equipping a fitness playground. From individual elements to complete play landscapes, it offers a wide range of play and sports combinations.

When combining fitness equipment (DIN EN 16630) and playground equipment (DIN EN 1176), care must be taken to ensure an appropriate separation between the fitness and play area. However, the standard does not give any more precise information on adequacy.

When planning multigenerational playgrounds, attention should be paid to spatial structuring according to age and safety needs. If the closest possible arrangement is favoured, a separation of the areas can also be achieved by the clever arrangement of the equipment. For example, more sport-oriented play equipment can be placed on the fitness equipment side and toddler equipment on the side facing away from the fitness equipment. Play and exercise zones arranged according to age and target groups offer attractive play and activity opportunities for all users and are adapted to their safety needs.

Additional safety is provided by access restrictions that make the equipment accessible only to the target group.

THE TOUGH TRAIL TURNS THE PLAYGROUND INTO AN EXCITING, ACTION-PACKED FITNESS EXPERIENCE FOR YOUNGSTERS AGED 10 AND UP.



### **MOVEMENT SPACE - FITNESS PLAYGROUND**

Public spaces, parks and sports and leisure facilities are being upgraded and offer a cross-generational programme for movement with the tough trail.



- 1 tough trail play unit Toprope
- 2 tough trail climbing element Climbing Cube
- 3 tough trail climbing element Free Solo



### **TOPROPE – CLIMBING TALENTS AHEAD**

This is where climbing talents are trained! With its exciting ascents, the **Toprope** playground offers kids interested in climbing a variety of opportunities to playfully gain their first experience of heights and the technical demands of climbing and obstacle sports.

Thumbs-up to those who have made it over the steep climbing ramp, parcour walls, the tricky tangled climb or the climbing chimney with all their might! At the top, it's mainly grip strength that's needed. This is especially trained when shimmying under the hanging arch, through the net flag transition or over the suspended climbing posts.

With skill and creativity, you can climb wildly on the top rope.









### **FUN & ACTION**

### TO GET YOUR ADRENALINE FLOWING

Watching others take on sporting challenges on screen is captivating, but getting active yourself and overcoming spectacular obstacles is fun and action up close.

Moving around athletically and creatively like the pros at Ninja Warrior, Freerunning or Street Workout, learning tricks and special moves, developing a positive body awareness, exploring limits and discovering one's own creativity – that's something for real adrenaline junkies and is extremely fun. Whether the kids are tackling their own body skills alone on the climbing, dangling and balancing elements and pushing themselves to the next level of difficulty, or competing with others in a skill or speed competition, the eibe tough trail is all about fun and play. The innovative and visually attractive fitness playground with its diverse challenges was developed with special attention to the interests and wishes of today's children and young people and offers them an exciting approach to sport and exercise.



### **EXERCISE**

### **BORN TO MOVE**

We all know: Regular exercise, in everyday life or in sports, promotes the healthy development of our children, especially when it takes place in the fresh air.

Sport not only ensures physical health, young people benefit in different ways when they are physically active: Exercise makes people happy, acts as a stress valve, strengthens bones and muscles, promotes mobility and improves dexterity and coordination.

The foundation for a healthy lifestyle is laid at an early age. Children and adolescents who exercise a lot are also more active in adulthood and thus healthier.

Experts recommend at least 90 minutes of exercise a day for teenagers between the ages of 12 and 18. Ideally, part of this should be covered by everyday activities, for example on the way to school (cycling or walking). In most cases, however, this is

not enough, and physical activity should also play an important role in the children's leisure time.

The more varied the movement sequences are, the better:

Not only are different areas of the body trained, but also a variety of other skills, including balance, sense of direction, endurance, risk awareness and self-esteem.

Important types of movement that children and young people can train on the tough trail:

- CLIMBING AND SHIMMYING
- BALANCING
- SWINGING
- RUNNING AND JUMPING



Is strength training suitable for children and adolescents? This question has been discussed controversially for a long time. In the meantime, however, many experts agree: controlled and guided strength training for children and adolescents can be quite useful. It is only harmful if it is done too intensively, too often or in the

wrong way.

But it doesn't have to be training with weights in the gym to strengthen your "powerhouses". Holding and strengthening exercises with one's own body weight are very suitable for children and young people, and of course classic disciplines such as ball sports, swimming or athletics strengthen physical fitness in a very effective way. Of course, the "normal risk of injury" cannot be ruled out here either. To improve strength and endurance, children and young people should work the large muscle groups two to three days a week. The muscular fitness achieved through exercise stabilises the musculoskeletal system, prevents postural damage, increases bone density, reduces the risk of obesity and ultimately protects against injuries.

The eibe tough trail offers kids lots of possibilities for strength training with their own weight. Whether it's shimmying under the climbing arch, "on all fours" through the spider wall, with coordination and stamina over the net flag, swing or liana crossing – on the obstacles in different difficulty levels, the youngsters playfully learn to assess their own abilities and risks. They can thus train their strength, stamina and flexibility without worrying about being overtaxed.

### IT ROCKS EVERY RECREATIONAL FACILITY, SPORTS COMPLEX AND PUBLIC PARK

The **Rockmaster** unit is the top highlight among fitness playgrounds and is hard to beat when it comes to variety of movement. Designed as an obstacle course, it is perfect for time and skill competitions alone or in teams.

The Rockmaster is all about the art of moving forward – with skill, brains, creativity and, of course, full physical effort, the young obstacle course athletes and freerunners master steep ramps, sloping jumping blocks, hanging slabs or nets and wind their way between liana ropes. The spectacular ascents and transitions are designed in various degrees of difficulty so that the young athletes can playfully progress to the next training level.







### tough trail play unit Rockmaster

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5 25 705 041 72	Larch GL, larch	

Black Pattern		
5 25 705 011 91	SW pi	
5 25 705 031 91	Larch natural	
5 25 705 041 91	Larch GL, larch	

### **RELEASE YOUR ENERGY**

**Turntillburn** is the play unit for all those who want to work out and train their motor skills at the same time. Here, everyone can try out according to their own mood and abilities.

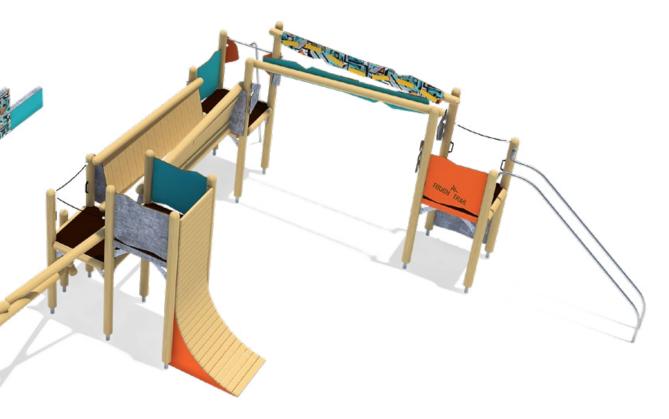
Climbing through the swinging slabs or over the hanging and clamping transition trains the body awareness, while the climbing path requires strength in fingers and hands. At the climbing chimney, the spider is our movement model. The mounted climbing aids facilitate the ascent at the lower difficulty level. By the way, height measurements mark the climbing steps.



### tough trail play unit Turntillburn

Java Concrete			Urban Graffity		
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5 25 704 041 00	Larch GL, larch		5 25 704 041 72	Larch GL, larch	

Black Pattern		
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Motor skills are the totality of all actions of the musculature. We need them for overall movement, e.g. running, jumping, hopping (gross motor skills) as well as for hand-finger coordination, foot-toe movement and all facial movements (fine motor skills). Without these skills, we cannot cope with our everyday lives and they are also a basic prerequisite for sporting activities.

We can train our gross and fine motor skills, as well as the necessary conditional and coordinative abilities, through a lot of movement, sport and targeted training. This includes balance training, building up muscle tension, and increasing endurance. The more varied and diverse the movements, the greater the positive effects on the motor skills of children and young people.

The lifestyle habits of today's kids, with sitting too often and for too long and spending hours with electronic media, stimulates the senses in favour of the sense of hearing and sight, while other senses are neglected.

This often leads to deficits in important skills such as coordination, orientation, dexterity, reaction and rhythm. The challenging, exciting obstacle and individual elements of the eibe tough trail compensate for this. Here, not only motor skills can be trained, but also cognitive, intellectual skills such as attention, cognitive ability, judgement, differentiation and coupling ability of children and young people.



### **SOCIAL INTERACTION**

### RESPECT, TOLERANCE AND FAIR PLAY

Team sports are about having fun together, sharing positive experiences, learning from each other, respecting each other, coping with defeats and many other things that are part of a healthy personality development of children and young people. Values such as respect, tolerance and fair play are particularly easy to convey when playing and doing sport together. The children and young people learn to fit into a group, to pursue a common goal and to deal with successes and defeats. These positive experiences and learning effects do not only occur in classic team sports. These valuable team experiences and learning processes can also be made in the playground, the school playground,

a skate or bike park, etc. The sense of community is especially important in trend sports such as parcour, freerunning or Ninja Workout.

At a fitness playground like the eibe tough trail, children and teenagers meet in different environmental situations, with similar or very different abilities, interests and an age range between 10 and 17. The teenagers exercise alone, in groups or compete on the equipment.

The tough trail offers the opportunity to get in touch with others and overcome obstacles together.



### STRESS RELIEF

### STAY COOL!

Regular exercise is good for the psyche. This is especially true for young people.

Whether it's stress at home, pressure to perform at school or conflicts in the group, these problems cannot always be compensated for to a sufficient degree by activities on the screen or smartphone. This can lead to fear of failure, reduced willingness to learn, concentration problems and even serious illnesses such as depression.

Especially during adolescence, physical activity contributes to better emotion control and to reducing tension and stress. Sport gives teenagers the opportunity to release excess energy. A sense of achievement and the feeling of being able to

feel one's own body brings about positive mood changes. Social skills are strengthened through contact with peers, which makes it possible to deal with success and defeat in a stress-free way. Through the positive influences on the psyche, sport contributes to the prevention of antisocial behavior.

The versatility of the movements, the challenges in terms of strength, endurance, motor skills and creativity and, last but not least, the great look of the obstacles and climbs of the eibe tough trail certainly make kids want to move and offer them a playful, sporty balance to everyday life that simply puts them in a good mood.

### **POWERHOUSE IN A SQUARE**

Exciting power moves and movementanimating challenges on all four sides are what the **Runout** play unit offers the young obstacle runners.

The facility, which is easily visible from all sides, is accessed over two challenging balance climbs or on the climbing walls with various climbing aids. Once you have climbed the power square, you set about overcoming the four challenging obstacles: with skill, strength and creativity over the dangling and gripping transition, the climbing path, through net flags and hanging slabs – this is where real obstacle athletes are trained.

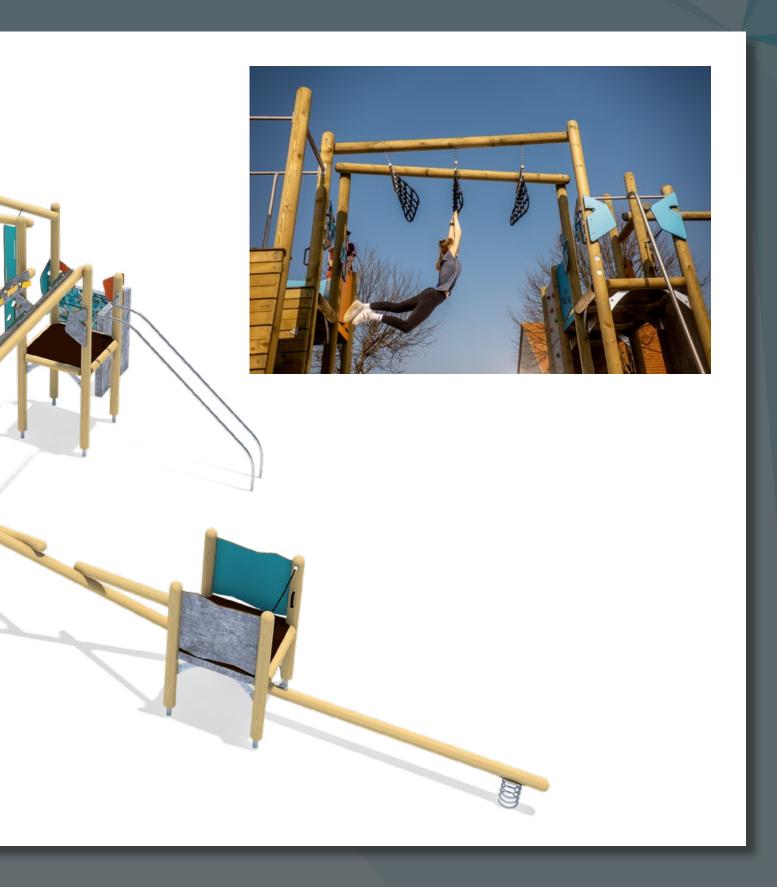
Exhausted and relaxed, you go down the handrail slide.



### tough trail play unit Runout

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5 25 703 031 00	Larch natural	1	5 25 703 031 72	Larch natural	
5 25 703 041 00	Larch GL, larch	_	5 25 703 041 72	Larch GL, larch	

Black Pattern		
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### **CLIMBING WALK –**

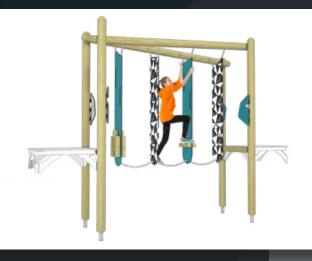
### **POWER GRIP**

The athlete hangs only with his fingers on the narrow hand holds and moves from bar to bar. The Climbing Walk offers two climbing routes with different levels of difficulty - different heights, distances and arrangements of the handholds make this transition an exciting and challenging obstacle.

### **HANGING DOORS -**

### **CONCENTRATION AND COORDINATION**

The Hanging Doors are vertically suspended obstacles that can only be overcome with simultaneous use of arms and legs. The hands enclose the doors and the feet press against the doors from both sides at the same time.





### ROPE SWING — TARZAN-STYLE MOVEMENT

At the Liana Crossing, the young athletes swing like Tarzan from rope to rope to the next platform. The aim is to cross the ropes quickly and with a lot of momentum. In the process, the kids train strength and mobility and also improve their body awareness.

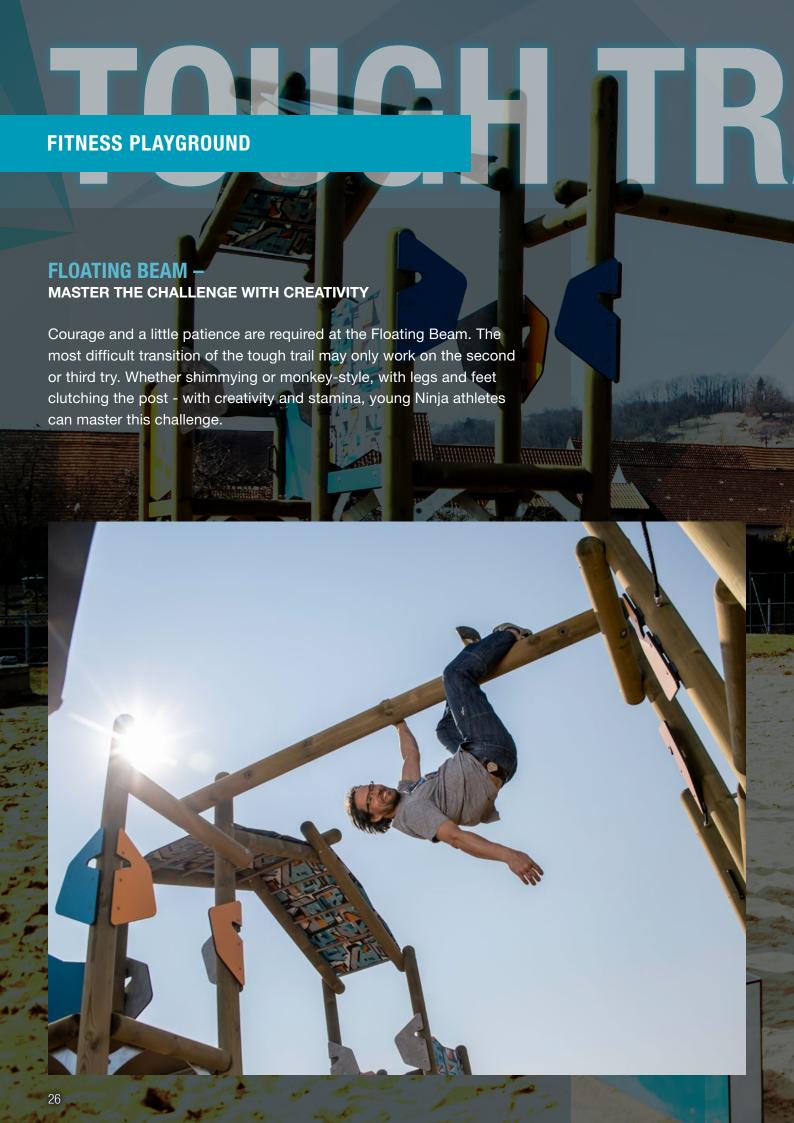


### **UP AND OVER THE OBSTACLES**

The Spider Wall, made famous by the TV series Ninja Warrior, is often one of the last obstacles of the competition. This climb is a challenge for the entire body due to constant tension. In order for the athletes to move well, the palms of the hands and soles of the feet are permanently pressed outwards. By shifting the pressure to the hands, the feet can jump further and vice versa. The

difficulty is to push upwards. Two levels of difficulty allow young athletes to slowly progress to the next level.

The height measurements on the inside of the spider walls are designed to encourage a competitive nature.







### tough trail play unit Triangle of Forces

Java Concrete		
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### THREE SIDES, THREE CHALLENGES – OR ONE BIG ONE?



Children can really let off steam on the **Triangle of Forces** play unit. Overcoming the individual elements requires coordination, strength and endurance.

Obstacles such as liana crossing, hanging ropes and a climbing chimney can be tackled individually by each child. The swings, the climbing arch and the handrail slide also offer plenty of freedom in their use. In this way, each child can take on exactly the challenge he or she feels up to. And who knows, maybe one or the other climbing monkey will even outgrow himself in the process.



### HIGHER, FASTER, FURTHER

Why not bounce onto the **Jump Contest** play unit: With a few flank jumps over the wall element, then jumping with one leg, both legs or with the help of the arms over the sloping jumping blocks onto the first platform of the Jump Contest. Bounce training increases speed, keeps muscles

supple and agile and ensures stable joints. Jumping over the obstacles and crossing the challenging transitions and climbs of the Jump Contest requires not only bounce and endurance, but also dexterity and coordination.



### tough trail play unit Jump Contest

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5 25 701 041 00 Larch GL, larch	5 25 701 041 72	Larch GL, larch	5 25 701 041 91	Larch GL, larch	

### WHO MAKES IT UP THE RAMP?

The **Base Climb** play unit not only makes little Ninja athlete's hearts beat faster, but youngsters can also excel at it. This is due not only to the play unit's modern look, but above all to its open use. Ramp, climbing wall or throwing element? How you get up to the playground is up to your own creativity – as is how you get down. The necessary physical activity makes it an ideal addition to any fitness playground.





### tough trail play unit Base climb

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### **CLIMBING ELEMENTS**

This ensemble of various walls, cubes and walls in different height gradations do not have any supporting holds or brackets. Instead, climbers have to overcome the elements on their own - either by climbing from the lowest wall to a higher one, by pulling themselves up using physical strength or by overcoming the obstacle by means of a flank jump. The climbing elements can be used at will for further climbing, balancing or even as a seat. The walls are made of sustainable softwood, coated with wear-resistant high-pressure laminate (HPL) for long-lasting climbing fun.







### tough trail climbing element Climbing Cube

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### tough trail climbing element No-hands Rest

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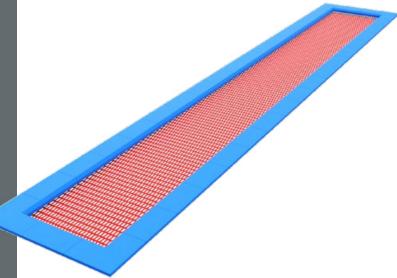
### **COMPLEMENTARY PRODUCTS**

### JUMPING FITNESS WITH FUN FACTOR

Trampolining is a holistic fitness workout that is easy on the joints. It uses many muscle groups, trains coordination and balance, strengthens the back muscles and thus reduces the risk of injury.

An optimal preparation training for the eibe tough trail.





**Jumping apparatus Jump Highway** 

5 62 125 0 Steel galv., plastic, rubber granulate



Jumping apparatus Jump 6

5 62 126 0 Steel galv., plastic, rubber granulate

# CALISTHE

MUSCLE GROUPS

TYPE OF TRAINING





TYPE OF TRAINING







### **CALISTHENICS & STREET WORKOUT**

### **IDEAL TRAINING PLATFORM FOR EVERYONE!**

In the fitness sector, the trend is going back to the roots: out of the gyms and towards crisp outdoor training for an extensive full-body workout. Training with one's own body weight is more popular than ever among both professional and recreational athletes. Fresh air and sunshine have a positive effect on the body and mind. The outdoor fitness range from eibe with its Calisthenics & Street Workout product line as a platform for outdoor training ensures that municipal facilities, clubs, schools

and universities become an attractive meeting point for training enthusiasts of all ages and fitness levels. The compact combination of training elements creates unique outdoor fitness facilities that provide the ideal conditions for a balanced workout. In addition to the callisthenics equipment, additional modules such as pull-up trainers and the like round off the holistic eibe Calisthenics range and offer the right solution for everyone. This variety has a motivating effect on athletes of all ages.



## CALISTHENICS & STREET WORKOUT

### BASIC IDEA OF THE SPORTS CALISTHENICS & STREET WORKOUT TREND

Callisthenics is a form of bodyweight training in which the entire musculature of the body is activated and trained with the help of targeted bodyweight exercises – the body serves as a weight or counterweight. The exercises can be done without any aids on pull-up bars, parallel bars, monkey bars or wall bars. As the Calisthenics exercises are characterised by smooth movements, different muscle groups are addressed and optimally supported in interaction with the joints. The core muscles in particular (= centre of the body: abdominal, back and hip muscles) are stressed and strengthened in almost every exercise, which helps to improve body stability and coordination.



The following training goals are improved and trained through the Calisthenics exercises:

- MAXIMUM STRENGTH
- POWER DURATION
- COORDINATION
- BODY CONTROL
- BODY TENSION
- EXPLOSIVE FORCE
- EXTENSION

### WHY THIS TREND INSPIRES THOUSANDS THE ADVANTAGES ARE OBVIOUS

### • One training device for all.

The structure of the stations allows for suitable functional exercises for every training level and every training goal.

### Success with basics.

With classics such as push-ups, pull-ups, dips, monkey swings, squats, lunges and core training, excellent training effects can be achieved.

### A holistic outdoor sports concept.

Fitness in the fresh air provides the absolute energy kick and is accessible to everyone at any time, without the need to go to the gym.

### • Social interaction and variety.

Users motivate each other. Functional training, CrossFit, Freeletics, Calisthenics, BodyWeightTraining – everything is possible, everything is fun!

### No weights, no excuses.

Training with your own bodyweight is enormously effective without much effort and gets your body in shape.

### • Functional training surface included.

The recommended fall protection floor becomes a functional training surface and is particularly suitable for pressure, abdominal and leg exercises, yoga, stretching and much more.

## NICS

#### DIN EN 16630: 2015 SITE-BOUND FITNESS EQUIPMENT

SAFETY REQUIREMENTS: All eibe Calisthenics equipment and its modules comply with the requirements of DIN EN 16630 for site-bound outdoor fitness equipment. Fitness equipment is not intended for installation in the immediate vicinity of children's playgrounds in accordance with the EN 1176 series of standards. Please note that an appropriate distance to playgrounds must be maintained (cf. DIN EN 16630:2015 safety requirements).

AREA OF APPLICATION: The equipment is intended for young people and adults or users with a body height of at least 1.40 metres. According to the definition of DIN EN 16630, Calisthenics equipment is not playground equipment for children (EN 1176 series of standards), stationary indoor training equipment (EN 957 series of standards) or freely accessible multisport equipment (EN 15312), even if it meets the requirements of each of these standards (cf. DIN EN 16630:2015 scope of application).

#### Movement space:

Space around the fitness equipment is required for safe use.

#### **Exercise space:**

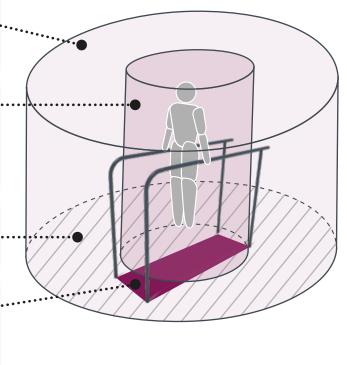
Space in, on or around the fitness equipment that users of the equipment need to perform their exercises.

#### Movement area:

Floor space of movement space

#### **User position:**

Area of a piece of fitness equipment that can be occupied by a user standing, sitting, lying or hanging.



Based on DIN EN 16630:2015

The term "callisthenics" comes from Greek and means "beautiful strength". The idea was taken up and revolutionised in American cities at the beginning of the 21st century. A new sport was born on scaffolding and stair railings: the "street workout". In the course of this, small sports parks with wall bars, pull-up bars and parallel bars were created.

#### CALISTHENICS FACILITIES MAKE EVERY LOCATION A PLACE OF ENCOUNTER

Young and old, amateurs and professionals, residents and guests – they all benefit from the appeal of this professional and low-maintenance all-rounder: a professional training platform for the ambitious athlete, an exercise offer at universities and schools to increase learning performance, for the outdoor area of fitness studios, for sports clubs with a holistic approach or for cities that want to create a new exercise meeting place for their residents.

#### **UNIVERSITIES AND SCHOOLS**

#### Fit for learning.

Brain training is also sport and highly demanding. Everyone should give their mind a break and get moving instead. After a training session in the fresh air, you are fit again for the following mental exercise.

#### Social interaction instead of individual training.

Fitness parks create new meeting places where mutual motivation and team building are strengthened.

#### Physical education in the open air.

The Calisthenics equipment is immediately available and does not have to be set up and dismantled; the sports lesson can be individually designed - and all that in the fresh air.

#### **CITIES AND MUNICIPALITIES**

#### Holistic outdoor sports concept.

Callisthenics facilities are available to everyone at any time, without obligation and free of charge. With the facilities, you create a meeting place for generations.

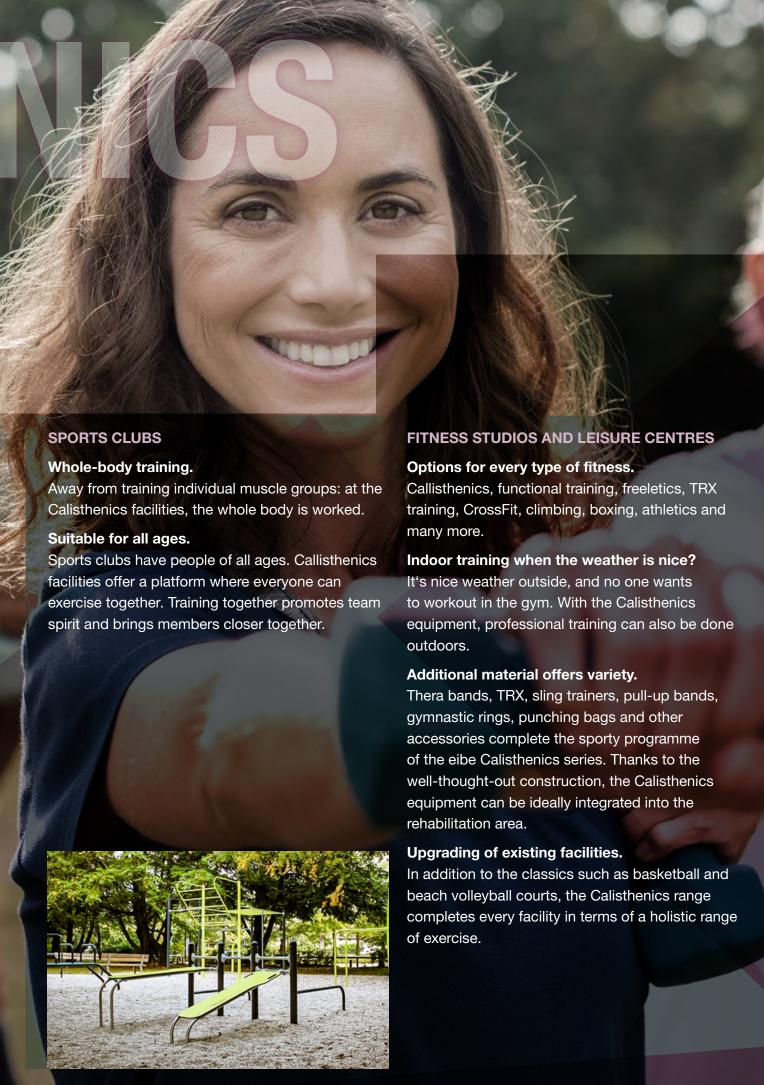
#### **Exercise during the lunch break.**

Employees of surrounding companies are given the opportunity to exercise during their lunch break. A joint workout promotes team spirit. The productivity of each individual increases after a sports session.

#### Designed for high usage pressure.

Material selection and construction guarantee the highest stability and quality.







### TRAINING EQUIPMENT AND ACTIVITY CONCEPTS FOR THE PUBLIC SPACE

With the eibe Calisthenics facilities, cities and towns give the public free access to fitness parks and thus support the awareness for more movement.

## NICS



- 1 Calisthenics rung ladder
- 2 Calisthenics sit-up bench
- 3 Calisthenics unit Maxi 02
- 4 Calisthenics dip-trainer
- Calisthenics jumping box large
- 6 Calisthenics jumping box small



#### **HOLISTIC SPORTS OFFER**

Your special requirements and wishes are the focus of eibe's planning for your fitness park.

## NICS



- 1 Calisthenics combi push-ups unit
- 2 Calisthenics combination rung ladder
- 3 Calisthenics rowing station
- 4 Calisthenics unit Mini 01

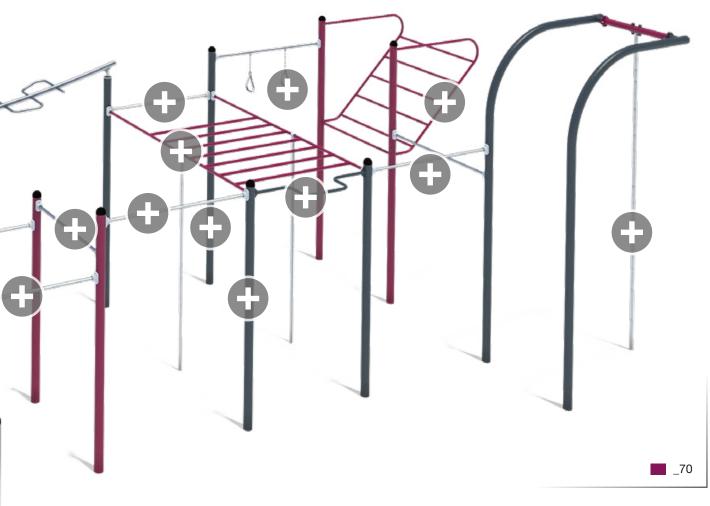
- 5 Calisthenics bars
- 6 Calisthenics jumping box large
- 7 Calisthenics jumping box small

#### ONE DEVICE - COUNTLESS OPTIONS FOR TRAINING EXERCISES

The fitness wonder among the eibe Calisthenics facilities offers many athletes suitable exercise options at the same time due to its size and versatility. Bars in different widths, pull-up bars in different heights, hanging tools and descending hanging ladders ensure that every exercise can be adapted to the respective fitness level. \_31

You can find all exercises on our webshop under Calisthenics.

## MICS





### Calisthenics unit Extreme 5 52 058 70 5 52 058 31



Teenagers Adults Seniors





Muscle training





Warm-up Strength Coordination Endurance Stretching



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#### TRAINING CIRCUIT

Circuit training, also called station training, consists of several stations arranged in a circle. The exercises in the circuit aim to use and strengthen all the major muscle groups. A training circuit should contain at least five and a maximum of twelve exercises. Circuit training should include both endurance and strength exercises. The alternating use of the upper and lower body or the leg, abdominal, back and arm parts creates a varied whole-body workout. Previously stressed muscles can recover despite further physical exertion. Circuit training is suitable for everyone, as exercises and repetitions can be adapted to the training level of each individual and thus, individual training goals can be achieved.

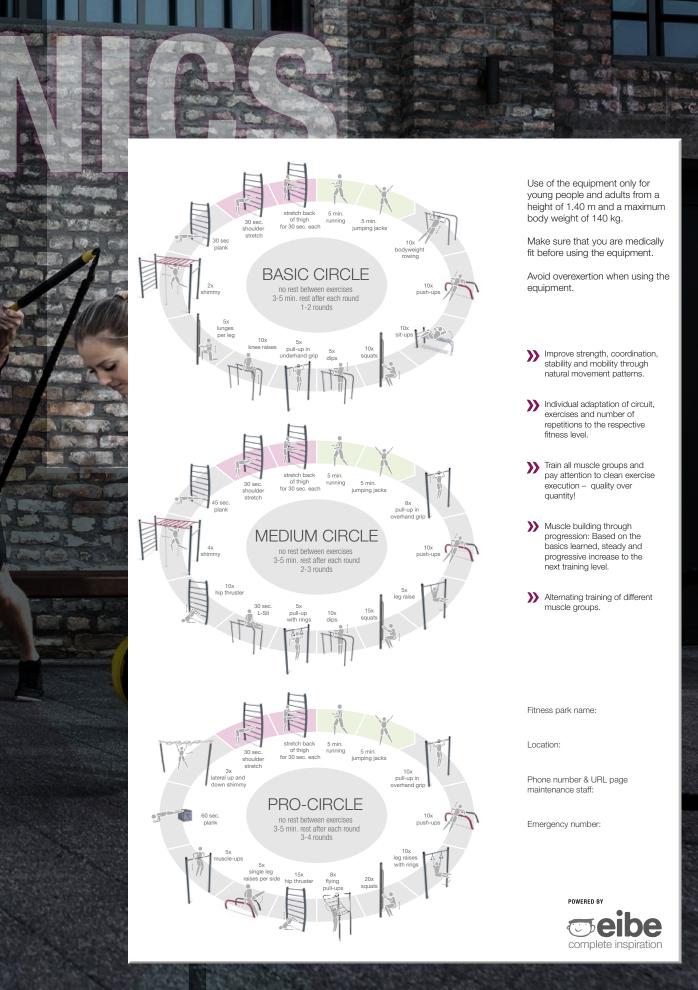
The eibe training circuit is divided into three difficulty levels. The user progresses to the next fitness level through exercise variation and progression.

- BASIC
- MEDIUM
- PRO

The eibe training circuit consists of a total of 14 exercises. The difficulty level can be increased by the exercise execution, the intensity and the number of repetitions.

A key success factor in circuit training is the omission of breaks. The body always remains in motion during the cycle. The main target muscles previously used are given time to regenerate during the following exercise. The pulse remains relatively constant during the training session and does not drop after each set.

After a complete round, a short break of 3-5 minutes is recommended.



Calisthenics training sign

5 52 072 0

#### **COMPACT CALISTHENICS COMBINATIONS**

The Maxi 01 Calisthenics equipment is spacesaving and yet equipped with all the essential training elements for strengthening the trunk, leg and arm muscles. Several users exercise here at the same time, which motivates and enhances the team spirit. Pull-ups and various handsprings strengthen the arm and torso muscles. The Maxi 02 Calisthenics unit is a compact training unit on which both beginners and professional athletes can perform demanding exercises with their own body weight. The exercises can be adapted to the individual training level. For example, a beginner can try the straight pull-up ladder, whereas an experienced athlete can perform flying pull-ups on the angled ladder.

#### Calisthenics unit Maxi 01

5 52 056 70 5 52 056 31





Teenagers Adults Seniors







Muscle training

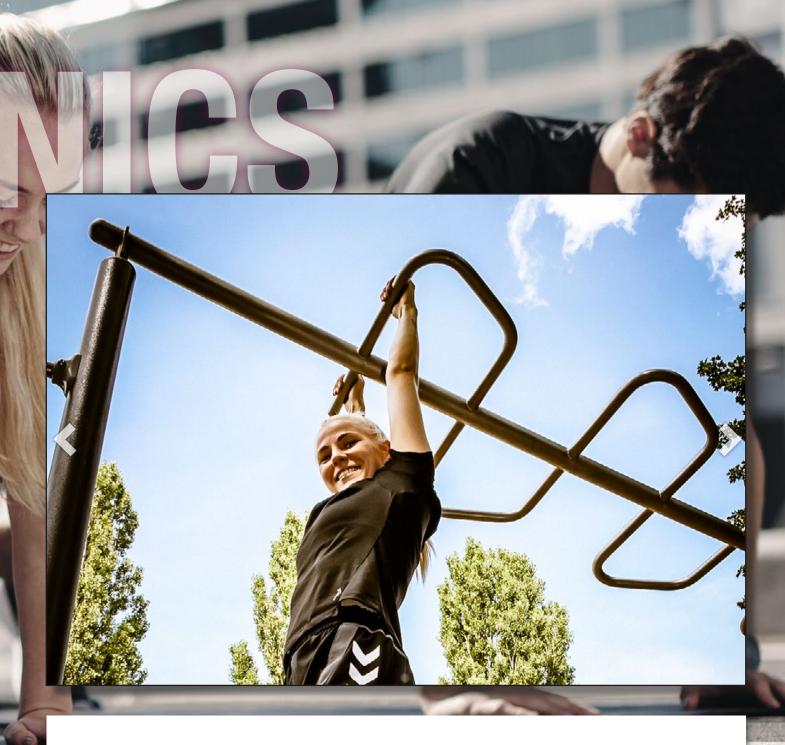






Warm-up Strength Coordination Endurance Speed Stretching





#### Calisthenics unit Maxi 02

5 52 057 70 5 52 057 31





Teenagers Adults Seniors







Muscle training







Warm-up Strength Coordination Endurance Speed Stretching



#### Calisthenics unit Midi 01

5 52 054 70 5 52 054 31





Teenagers Adults Seniors







Muscle training







Warm-up Strength Coordination Endurance Speed Stretching



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#### Calisthenics unit Midi 02

5 52 055 70 5 52 055 31





Teenagers Adults Seniors







Muscle training







Warm-up Strength Coordination Endurance Speed

Stretching



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#### TRAINING IN A SMALL SPACE



To start an effective whole-body workout, even a small amount of available space is sufficient. How often, how long and intensively

you exercise is up to each athlete. This makes callisthenics ideal for beginners. It is important that all basic exercises are performed cleanly and in a controlled manner. This lays a good foundation for an efficient workout and prevents injuries caused by incorrect stress.

The typical basic exercises of Calisthenics are:

- PULL-UPS
- PUSH-UPS
- SQUATS
- DIPS
- HANGING LEG RAISES (leg lifts)

When space is at a premium, the Mini 01 Calisthenics equipment is ideal. It forms a solid basis for effective Calisthenics training – pull-up bars at different heights and a human flag bar.

The Calisthenics equipment Mini 02 offers two additional modules to the classic Calisthenics equipment: training rings and an inclined rung ladder for flying pull-ups or various chin-ups.

Exercising on the free-hanging rings is a real challenge for the trainee at the beginning, as a lot of body control is required to compensate for the swinging. The instability of the rings makes exercises more challenging and strenuous, and muscle coordination is improved.



#### Calisthenics unit Mini 01

5 52 052 70 5 52 052 31





Teenagers Adults Seniors







Muscle training







Warm-up Strength Coordination Endurance Speed Stretching





#### Calisthenics unit Mini 02

5 52 053 70 5 52 053 31





Teenagers Adults Seniors







Muscle training







Warm-up Strength Coordination Endurance Speed

Stretching



#### THE IMPORTANCE OF STRETCHING

At least 430 muscles are active in our body when we move. For everyday movements to run smoothly and function well, our muscles need to be strong, enduring and stretchable. Muscle stretching before and after strength training is an important part of the workout. It helps minimise the risk of injury from muscles that are not loosened. Joints, ligaments, tendons and muscles are prepared for the load and regenerated after the workout.

Positive effects of stretching:

- Increase of blood circulation and metabolism of the muscles.
- Improvement and promotion of mobility
- Acceleration of regeneration
- Increase of the general well-being

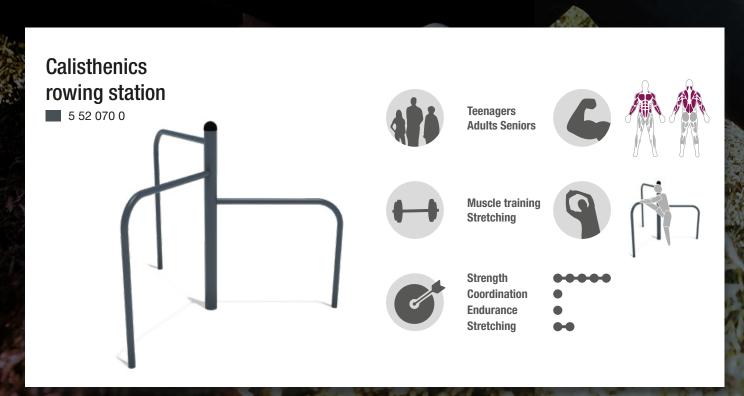
- Preparation of the musculature for an upcoming load
- Improve elasticity of muscles, ligaments and tendons

#### **Types of stretching**

In order to improve the flexibility of the body and stretch muscles, ligaments and tendons, there are two common methods of stretching:

- Static stretching: holding tension
- Dynamic stretching: soft rocking movements

The choice of the right stretching method should be based on the sport, the training goal and phase, the load and the area of use.



## Static stretching: The muscle to be stretched is slowly brought into a stretching position and held for a longer period of time (about 30-90 seconds). Dynamic stretching: This method involves alternately stretching and loosening the muscle. Typical for this is rhythmic and soft rocking

**Static stretching:** The muscle to be stretched is slowly brought into a stretching position and held for a longer period of time (about 30-90 seconds). There is no movement during the stretching position. Two to three repetitions per muscle group are recommended.

**Example exercise:** From a standing position with legs extended, reach the toes or the floor with the fingertips. Hold this stretch for several seconds.

**Note:** Static stretching is used after training or on non-training days to support the muscular recovery processes and is not suitable for preparing for the upcoming workout. Static stretching before training reduces performance and increases the risk of injury.

Dynamic stretching: This method involves alternately stretching and loosening the muscle. Typical for this is rhythmic and soft rocking movements. In contrast to static stretching, the body does not come to a standstill during the stretching process. It is important to avoid swinging and jerky movements.

**Example exercise:** In the starting position of a lunge with the leg set backwards, try to get lower and lower to the floor in a rocking movement. The constant rocking in the stretching position creates a noticeable stretch in the back of the thigh.

**Note:** Dynamic stretching is suitable as preparation for intensive muscle work. It is part of the warm-up of a training session, warms up the structures and muscles of the body and increases mobility in the short term.

Stretching

## Calisthenics rung ladder 5 52 071 0 Muscle training Stretching Warm-up Strength Coordination Endurance

#### **PULL-UP – THE DIFFERENT GRIP POSITIONS**

The classic in Calisthenics & street workout training is the pull-up trainer. Pull-ups are considered a full-body workout because they effectively train the entire upper body, especially the back muscle (latissimus) and the biceps, regardless of the grip width.

When performing pull-ups, there are different variations in terms of grip type and grip width: upper, lower or hammer grip, wide, shoulder-width or tight grip – the tighter the grip, the greater the strain on the upper arm muscles. Alternating between the different variations of grip types and grip widths during training provides additional training stimuli and enables asymmetrical strain on the individual muscle parts.

#### Calisthenics pull-up trainer

5 52 060 0





Teenagers Adults Seniors







Muscle training





Strength Coordination Endurance



## NICS

Pull-up upper grip (Pull-ups)



**Definition:** In the pull-up, the palms of the hands face away from the body while the user grips the pull-up bar.

**Grip width:** at least shoulder width.

#### Difficulty: high

The inward rotation of the forearms prevents the biceps from working optimally. The upper arm spokes muscle, which could support the work alongside the latissimus, is not strong enough for this in many people.

Muscle group used: This grip variation strengthens the upper back, especially the latissimus.

Chin-up underhand grip (Chin-ups)



**Definition:** In the chin-up, the palms of the hands face the body.

**Grip width:** shoulder width (+/- one hand width).

#### Difficulty: easy

Suitable for beginners as the chin-up is much easier to perform due to the cooperation of the biceps.

Muscle group used: This exercise is particularly suitable for arms training because it trains the triceps and biceps as well as the back and shoulder muscles.

#### Hammer grip



**Definition:** The palms face each other, and the thumbs face the exerciser (prerequisite is a hammer grip bar).

**Grip width:** Depends on training equipment.

Difficulty: medium

A mix of upper and lower grip.

#### Muscle group used:

Strengthening of latissimus and arm muscles (biceps).

#### THE IMPORTANCE OF AN UPPER-BODY WORKOUT

Effective upper body workout stabilises and supports the spine, promotes an upright gait and thus helps prevent back pain. A strong upper body results from a combination of targeted exercises for shoulder, back and arm muscles.

Alternating between different variations of grip types and grip widths during the workout provides additional training stimuli and enables the individual muscle parts to be worked symmetrically.

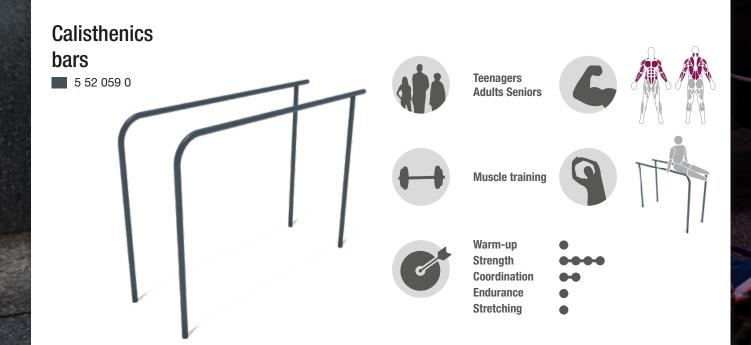
Strong upper body muscles have a positive effect on our health:

Upright posture and stabilisation of the spine.

Strengthening of tendons and ligaments and prevention of injuries

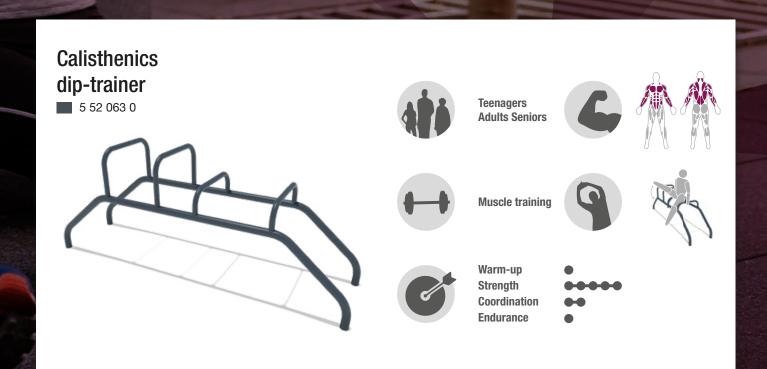
Reduction of disease risks such as diabetes, cardiovascular problems and osteoporosis

Converting fat mass into muscle mass



# Calisthenics parallets 5 52 061 70 5 52 061 31 Muscle training

Strength Coordination Endurance





#### Calisthenics combination rung ladder

5 52 062 70 5 52 062 31



Teenagers Adults Seniors







Muscle training





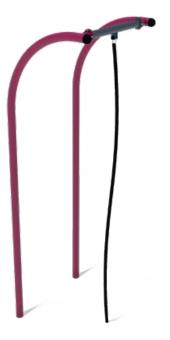


Strength Coordination Endurance Speed



#### **Calisthenics** climbing rope

5 52 066 70 5 52 066 31





Teenagers Adults Seniors







**Muscle training** 







Aufwärmen Kraft Koordination Ausdauer Schnelligkeit





#### **Calisthenics** climbing pole

5 52 067 70 5 52 067 31















**Muscle training** 







Warm-up Strength Coordination **Endurance** Speed



#### ABDOMINAL MUSCLE TRAINING - A HOLISTIC STRENGTH TRAINING PROGRAMME

Our abdominal muscles form the centre of the body and play an important role in supporting the back. By actively strengthening both muscle groups, the abdomen and the

both muscle groups, the abdomen and the back, the entire musculoskeletal system is stabilised and relieved. Back pain, for example, can be alleviated and injuries prevented.

Whether straight or inclined, the sit-up bench is the perfect training tool to support the strengthening of the trunk and back muscles with exercises such as sit-ups or leg lifts. The inclined position of the workout bench increases the resistance of the exercise execution and thus increases the degree of difficulty.

## Calisthenics sit-up bench sloped 5 5 2 064 80 5 5 2 064 31 Muscle training Strength Stretching





#### STRONG LEG MUSCLES – THE POWER PACKAGE FOR THE BODY

Leg training should never be neglected during a workout. In addition to building up the muscles of the upper body and working on problem areas such as the abdomen and buttocks, we also need strong leg muscles so that our bodies can fulfil elementary functions and tasks. The leg muscles consist of different muscle groups that have to work together to enable an upright posture and locomotion and to maintain balance.

Exercises such as squats, lunges or hip thrusts strengthen not only the leg muscles but also the gluteal, abdominal and back extensor muscles, thus promoting and training the entire basic body tension.

A lack of balance between the lower and upper body muscles results in poor posture. Strengthened gluteal and hamstring muscles stabilise the pelvis and back and thus prevent postural defects such as a hollow back.

The largest muscle group in our body offers plenty of workout effects. It takes a lot of energy to move them. In addition to regular movement, targeted leg muscle training can significantly increase our overall calorie consumption. Well-trained leg muscles not only burn a lot of energy during the workout, but the afterburn effect also ensures that the basal and work metabolic rates are increased at rest.

#### Calisthenics jumping box large

5 52 051 80 5 52 051 0





Teenagers Adults Seniors







Muscle training







Warm-up Strength Coordination Endurance Speed Stretching

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Teenagers Adults Seniors







**Muscle training** 







Warm-up Strength Coordination Endurance





#### **Calisthenics** jumping box small

5 52 050 80 5 52 050 0





Teenagers **Adults Seniors** 







Muscle training







Warm-up Strength Coordination **Endurance** Speed

Stretching



## OUTDOOR

MUSCLE GROUPS







TYPE OF TRAINING







#### **ACTIVE STATIONS**

#### THE OUTDOOR FITNESS STUDIO

Exercising in the fresh air is proven to be healthier than indoors. The immune system is significantly strengthened. Our musculoskeletal system ensures that we can stand, walk and move, it defines the posture and the fixed shape of the body. The active musculoskeletal system includes muscles, tendons and skin as well as bones, joints, intervertebral discs and ligaments. An upright gait, locomotion, grasping and holding

are only possible thanks to this complex system the best reason to give it maximum attention and keep it healthy and strong.

The eibe active stations complement the fitness programme as classic equipment to achieve training goals such as more endurance, strength, coordination, speed and mobility.



#### **ACTIVE STATIONS**

#### **CIRCUIT TRAINING**

With the large selection of active stations and training targets, the circuit offers the greatest possible training variety and diversity. This circuit training is suitable for young people, adults and seniors - no matter if beginner or athlete.

The eibe circuit consists of three different zones:

**EXERCISE - STRENGTH - MOBILISATION** represent an optimal workout combination, through which all large muscle groups are challenged. Our active stations each have their focus in these areas - but the boundaries are intentionally fluid. Because a holistic approach optimally supports healthy activities.

> ZONE 3 Cool-Dow mobilisat

**ZONE 1:** 

#### Warm-up & endurance phase **ZONE 1: WARM-UP & ENDURANCE PHASE** Every workout should begin with a warm-up phase to get the cardiovascular system going, boost fat metabolism and prepare muscles, ligaments, tendons and joints for the upcoming load in an effective and joint-friendly way. Endurance training aims to improve physical and mental endurance - that is, to perform consistently over a longer period of time without tiring and to regenerate quickly after exertion.

#### **ZONE 2: WEIGHT TRAINING**

Weight training serves to improve overall body stability and resilience as well as good posture. However, it is not only about targeted muscle building, but also about improving maximum and rapid strength as well as strength endurance.

#### **ZONE 1: WARM-UP & ENDURANCE PHASE**

Active stations:

- 1 Bicycle
- 2 Stepper
- 3 Cross trainer
- 4 Rowing bench

#### **ZONE 2: WEIGHT TRAINING**

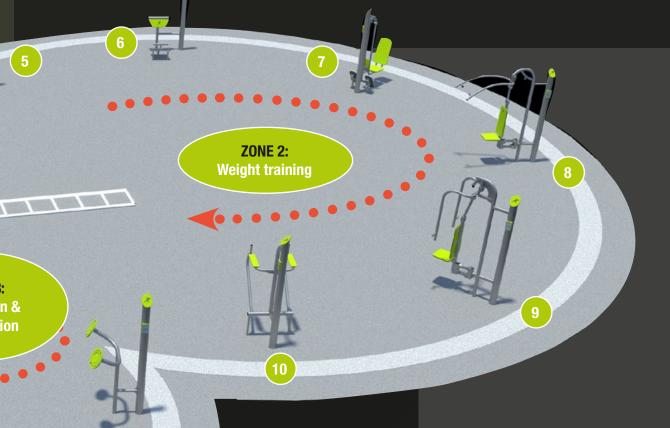
Active stations:

- 5 Sit-Up Bench
- 6 Back trainer
- 7 Leg press
- 8 Pull-Down
- 9 Chest Press
- 10 Abdominal Trainer

#### ZONE 3: COOL-DOWN & MOBILISATION

Active stations:

- 11 Tai-Chi Plate
- 12 Leg exerciser
- 13 Hip trainer



#### **ZONE 3: COOL-DOWN & MOBILISATION**

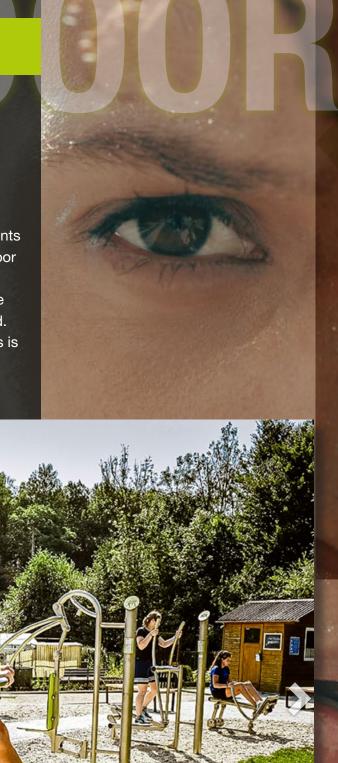
Our modern, high-tech society forces many of us to sit most of the time in everyday life – an insufficient amount of movement is an unhealthy consequence. We increasingly lose our natural mobility. Our body is underchallenged, we literally rust. To counteract this process, the aim of mobilisation training should be to improve general mobility. This means mobilising the joints with targeted exercises over as large a range of motion as possible.

Just as important as the warm-up is the cool-down phase. The heated body is slowly cooled down, stressed muscles relax, and the increased heart rate settles down – the entire body regenerates. Ultimately, better training results can be achieved and injuries prevented.

## ACTIVE STATIONS

#### DESIGNED FOR OUTDOOR USE – FUNCTIONALITY, QUALITY & SAFETY.

All eibe active stations naturally comply with the requirements of DIN EN 16630 for site-bound fitness equipment in outdoor areas. eibe guarantees the DIN-compliant signage of the course and the individual pieces of equipment. Please note that a defined distance to playgrounds must be maintained. Information on safety areas, installation and floor coverings is provided in the assembly instructions.









Teenagers Adults Seniors







Mobilisation







Warm-up Coordination Endurance Speed



#### ACTIVE STATIONS

#### THE ACTIVE STATIONS ARE AIMED AT EVERYONE, WHO WANTS TO EXERCISE OUTDOORS.

Everyone has the courage to try out the active stations. Whether beginner or advanced user, the motivation threshold is low with the eibe active stations. An individual adaptation to the requirements and fitness level of each user as well as to his or her training level is necessary to achieve maximum training success – the type of load, duration, scope and intensity can be individually adapted through different numbers of sets and repetitions.



#### active-station hip trainer

5 54 028 0





Teenagers Adults Seniors







Mobilisation

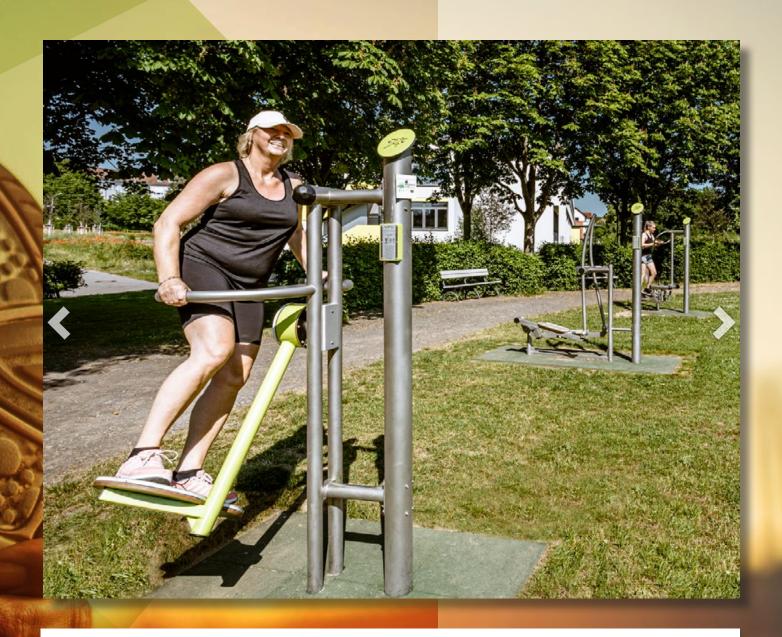






Warm-up Coordination Endurance Speed





## active-station TaiChi

5 54 031 0





Teenagers Adults Seniors







Mobilisation







Warm-up Coordination Endurance Speed



# ACTIVE STATIONS STATIONS

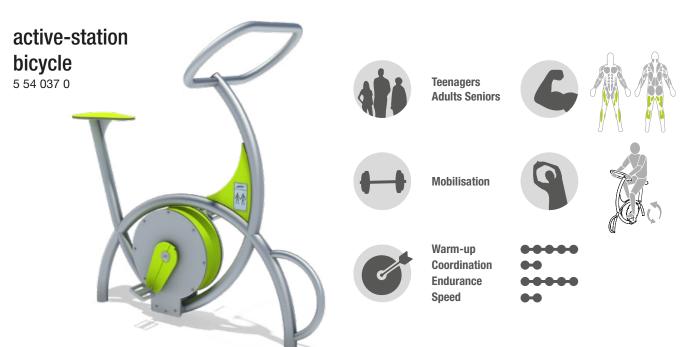
## THE CORRECT PERFORMANCE OF THE EXERCISE IS A MUST FOR MUSCLE BUILDING.

Correct performance of the exercise is an important part of the training, as it allows the target muscle to be trained better – this leads to more effective muscle building. Incorrect exercise performance brings with it certain health risks. Lack of flexibility

often means that exercises cannot be performed correctly – but flexibility is a prerequisite for correct and clean performance of the exercise. In order to avoid mistakes during exercises, information boards on the eibe active stations show possible mistakes and also the used muscles.

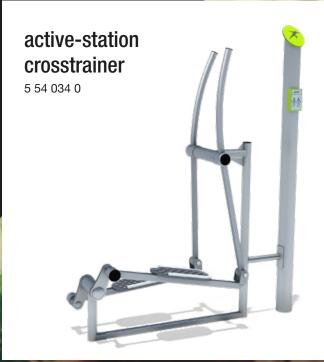






# **ACTIVE STATIONS**







Teenagers Adults Seniors







Mobilisation







Warm-up Coordination **Endurance** Speed









Teenagers Adults Seniors







Endurance







Warm-up Coordination **Endurance** Speed





muscle groups and thus support the important function of the muscles.

### **ACTIVE STATIONS**

## COORDINATION, ENDURANCE, MOBILITY





Holistic and healthpromoting sport includes both cardio or endurance

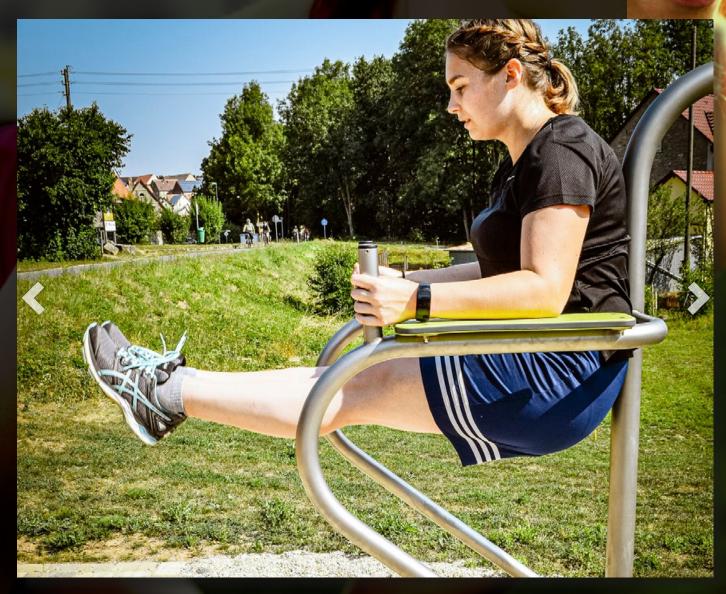
training with its positive, lasting effect on our cardiovascular system, as well as moderate weight training for all muscle groups.

It is important to combine endurance and weight training in the right way. If this is done, strong synergy effects occur, which ensure that we can get the best out of both types of training.

This is the only way to achieve a positive and holistic effect on the body.

The equipment of the active stations promotes coordination, endurance, mobility, strength and speed – the so-called basic motor skills – through gentle sequences.

In this way, the musculoskeletal system is strengthened in the long term, posture improves, complaints disappear, and the entire organism benefits from balanced movement.





5 54 038 0

NEW





Teenagers Adults Seniors







Strength







Warm-up Coordination Endurance











Teenagers Adults Seniors







Strength







Warm-up Coordination Endurance



# ACTIVE STATIONS

# EXERCISING OUTDOORS WITH OTHERS MOTIVATES AND BRINGS PEOPLE TOGETHER.



A fitness park ideally brings people of different ages and fitness levels together.

In public spaces, the eibe active stations prove to have another strong advantage: since the active stations are aimed at all generations and at a broad

user and target group – regardless of their physical condition – they are a popular place for people of different ages and increase the attractiveness of the respective area. If there is also an opportunity to relax, this creates crossgenerational activity islands that offer social interaction – and are also healthy!

# active-station back trainer

5 54 040 0

**NEW** 





Teenagers Adults Seniors







Strength







Strength Coordination Endurance









Teenagers Adults Seniors







Strength







Strength Coordination Endurance



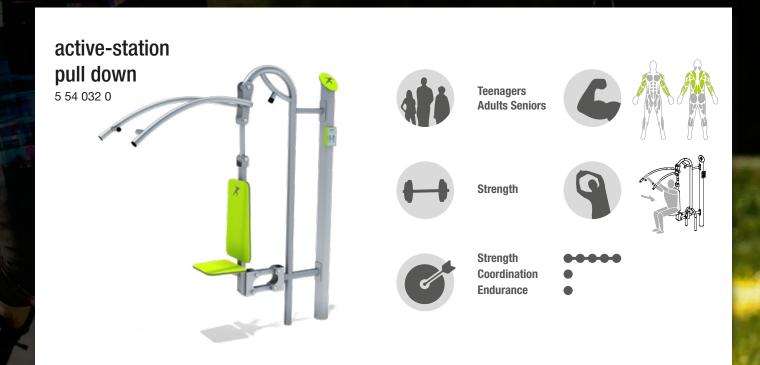
# ACTIVE STATIONS STATIONS

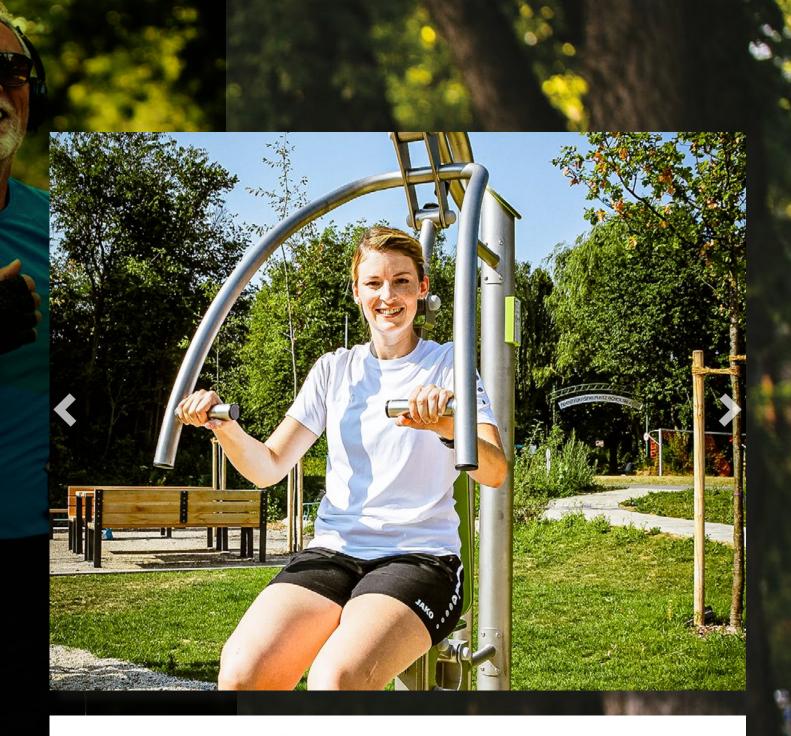
## **DEMOGRAPHIC CHANGE – SPORT IN OLD AGE PROMOTES HEALTH**

We want to maintain physical mobility and mental fitness as far as possible into old age because they are decisive factors for a good quality of life. The simplest and most effective way to achieve this goal is regular and balanced exercise.

At work, at school, in our leisure time, we sit more and more, physical exertion is hardly necessary for our everyday life, an achievement of modern man that is not good for our organism. Our bodies are not made for sitting and permanent immobility. They are simply underchallenged. Unfortunately, diseases of civilisation such as obesity, high blood pressure, diabetes and others have long since become the accepted norm, even among children.

We can effectively counteract these negative consequences of our modern lifestyle through sport so that health, strength and performance can be maintained well into old age.





# active-station **chest press** 5 54 039 0

NEW













Strength







Strength Coordination **Endurance** 



