

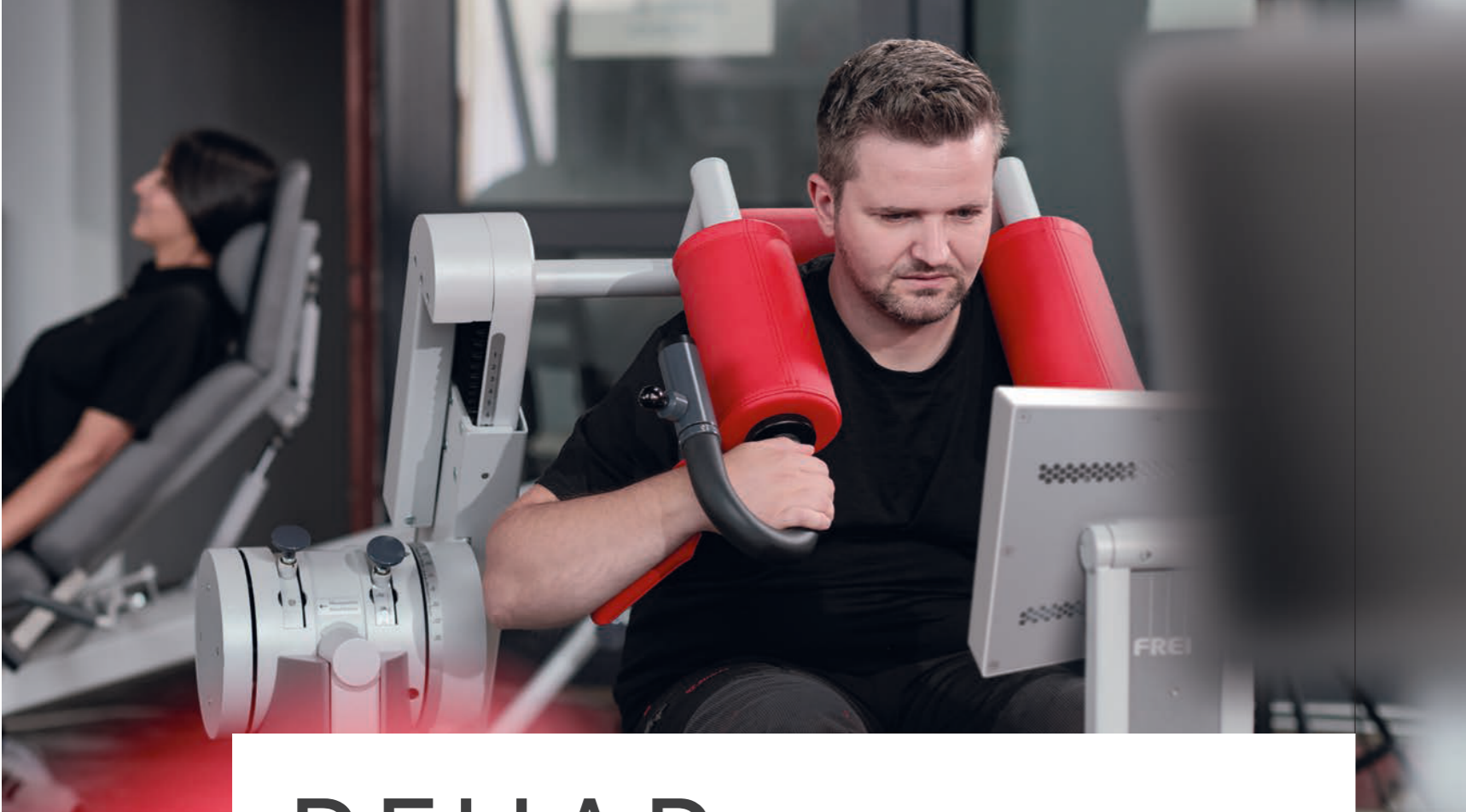
REHAB SOLUTIONS  
FOR YOUR MTT



**FREI**  
medical



FREI medical is a specialist in designing and manufacturing physiotherapy and rehabilitation equipment since 1976. All FREI medical products are Made in Germany. Our philosophy always combines design and functionality with the highest quality materials. FREI medical devices represent experience, knowledge and continuous dialog with our clients. Our training equipment supports health, rehabilitation and unmatched safety. Since June 2019 FREI is a Member of Zimmer Group. Together we offer almost 100 years of experience!



# REHAB SOLUTIONS

- FALL PREVENTION SOLUTION
- CORE REHAB SOLUTION
- NEURO REHAB SOLUTION
- SPORTS REHAB SOLUTION
- ORTHOPEDIC REHAB SOLUTION
- BACK & SPINE REHAB SOLUTION

Our FREI medical REHAB SOLUTIONS offer you a wide range of optimal training circuits of our medical training equipment, all of which can be equipped with training software for evaluation and control of the training. A perfect selection, made by our experts, who have put together the range of high quality training equipment of the FACTUM® and GENIUS ECO® line, for your medical training therapy needs.

The FREI medical Rehab Solutions can be easily adapted to individual needs. Cardio equipment and functional exercises offer additional benefits for various areas of application. The main areas of application are: Orthopedics, physiotherapy, neurology, pain patients and sports rehabilitation.

# FALL PREVENTION SOLUTION

3 FACTUM® & 2 GENIUS ECO® DEVICES  
INDIVIDUALLY EQUIPABLE AND EXPANDBLE  
& TRAINING SOFTWARE



LEG TRAINER PLUS

WEIGHT SET  
150 kg  
2.5 - 30 kg = 2.5 kg increments  
30 - 150 kg = 5 kg increments

Dimensions  
Height: 185 cm  
Length: 225 cm  
Depth: 95 cm  
Weight: 490 kg



TORSO ROTATOR

WEIGHT SET  
70 kg  
5 - 20 kg = 2.5 kg increments  
20 - 70 kg = 5 kg increments  
Dimensions  
Height: 170 cm  
Length: 133 cm  
Depth: 105 cm  
Weight: 300 kg



ABDOMINAL & BACK TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments  
Dimensions  
Height: 136 cm  
Length: 147 cm  
Depth: 100 cm  
Weight: 240 kg



ROWING MACHINE / CHEST PRESS

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments  
Dimensions  
Height: 133 cm  
Length: 135 cm  
Depth: 187 cm  
Weight: 210 kg



KNEE FLEXOR / EXTENSOR

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments  
Dimensions  
Height: 120 cm  
Length: 163 cm  
Depth: 110 cm  
Weight: 235 kg



The new high energy induction therapy  
**FREI emPact**, suitable for every REHAB SOLUTION

Wouldn't it be great if there was an effective way to reduce the risk of falls and prevent injuries? The magic formula is regular exercise. In a joint study, professors of medicine and sport at the Universität Erlangen have impressively shown that exercise not only reduces the fall rate, but also increases overall bone density, depending on the exercise of the lumbar spine and femoral neck. In addition to a healthy cardiovascular system, physical training in old age also promotes greater blood flow to the muscles and joints, improving coordination and reaction time. An optimal condition, especially with increasing age. Because the body breaks down when people move too little. The risk of falling increases.

The medical training devices from FREI medical, FACTUM® & GENIUS ECO®, are the suitable training devices for an optimal fall prevention. With stabilizing body work, you can ensure that the strength and mobility of your patients improves. With the FALL PREVENTION SOLUTION, we ensure that the efficiency of your physiotherapy increases.

# CORE REHAB SOLUTION

3 FACTUM®, 1 PELVIC TRAINER  
& 1 AKTIV TRAMP®  
INDIVIDUALLY EQUIPABLE AND EXTENDABLE  
& TRAINING SOFTWARE



**AKTIV TRAMP®**  
Ø jumping net = 75 cm Installation dimensions:  
H x W x D = 1,65 x 1,10 x 1,24 m  
Weight approx. 218 kg  
Color: platinum metallic  
Patent protected



## PELVIC TRAINER

Training device with height adjustable seat and notebook shelf

Dimensions  
Height: 117 cm  
Length: 50 cm  
Depth: 94 cm  
Weight: 70 kg



## LATERAL TRAINER

RESISTANCE  
25 - 900 N  
Adjustable in 25 N steps

Dimensions  
Height: 132 cm  
Length: 107 cm  
Depth: 70 cm  
Weight: 185 kg



## ABDOMINAL & BACK TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 136 cm  
Length: 147 cm  
Depth: 100 cm  
Weight: 240 kg



## LEG TRAINER

RESISTANCE  
50 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 157 cm  
Length: 235 cm  
Depth: 76 cm  
Weight: 300 kg



The new high energy induction therapy  
**FREI emPact**, suitable for every REHAB SOLUTION

To improve mobility and train and strengthen the body's stability, you need a circuit of equipment that focuses on the center of the body - our CORE REHAB SOLUTION. Many people suffer from back pain and have deficiencies in the deep muscles of the lower back. A holistic view of the spine-stabilizing musculature is therefore enormously important.

The CORE REHAB SOLUTION should not be missing in prevention as well as in general rehabilitation: Back pain and tension are counteracted and mobility is improved. In addition, the pelvic floor is included, which is the foundation of a stable body center. Other important benefits are: the strengthening of the trunk muscles and the improvement of posture. In addition, balance is promoted and thus, especially in older people, the risk of injury is reduced. The CORE REHAB SOLUTION from FREI medical offers all this.

# NEURO REHAB SOLUTION

3 FACTUM® & 2 COORDINATION DEVICES  
INDIVIDUALLY EQUIPABLE AND EXTENDABLE  
& TRAINING SOFTWARE



**AKTIV TRAMP®**  
Ø jumping net = 75 cm Installation dimensions:  
H x W x D = 1,65 x 1,10 x 1,24 m  
Weight approx. 218 kg  
Color: platinum metallic  
Patent protected



## TRAMP TRAINER TT®

Inclination of the linear guide in adjustable from approx. 5-22°

Dimensions  
Height: 180 cm  
Length: 255 cm  
Depth: 110 cm  
Weight: approx. 150 kg



## ABDOMINAL & BACK TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 136 cm  
Length: 147 cm  
Depth: 100 cm  
Weight: 240 kg



## KNEE FLEXOR / EXTENSOR

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 120 cm  
Length: 163 cm  
Depth: 110 cm  
Weight: 235 kg



## SHOULDER TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 162 cm  
Length: 197 cm  
Depth: 90 cm  
Weight: 225 kg



## The new high energy induction therapy **FREI emPact**, suitable for every REHAB SOLUTION

According to current figures, around 270,000 strokes and 262,000 traumatic brain injuries occur annually in Germany alone, often leading to permanent disabilities. About 25% of stroke patients still show severe limitations in their daily activities three months after the first stroke. Neurorehabilitation provides the crucial support for this. Physical abilities are gradually regained in order to regain active participation in everyday life as far as possible. The NEURO REHAB SOLUTION from FREI medical supports you in treating your patients in the best possible way. With innovative device concepts - developed for optimal neurological functional therapy.

# SPORTS REHAB SOLUTION

5 FACTUM® TRAINING DEVICES  
INDIVIDUALLY EQUIPABLE AND EXTENDABLE  
& TRAINING SOFTWARE



LEG TRAINER

RESISTANCE  
50 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 157 cm  
Length: 235 cm  
Depth: 76 cm  
Weight: 300 kg



KNEE FLEXOR / EXTENSOR

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 120 cm  
Length: 163 cm  
Depth: 110 cm  
Weight: 235 kg



ABDOMINAL & BACK TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 136 cm  
Length: 147 cm  
Depth: 100 cm  
Weight: 240 kg



CHEST - AND POSTURE TRAINER (BUTTERFLY/REVERSE)

RESISTANCE  
25 - 900 N  
Adjustable in 25 N steps

Dimensions  
Height: 150 cm  
Length: 125cm  
Depth: 130 cm  
Weight: 210 kg



SHOULDER TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 162 cm  
Length: 197 cm  
Depth: 90 cm  
Weight: 225 kg



The new high energy induction therapy  
**FREI emPact**, suitable for every REHAB SOLUTION

The need for sports rehabilitation and sports physiotherapy is growing - not only for people in competitive sports, but also amateur athletes train at a high level. But when sports lead to an injury, a trained body usually needs to be rebuilt. With professional sports rehab, the chances increase, of giving athletes back what is vital to them after an accident: a fit body.

Discover the SPORTS REHAB SOLUTION from FREI medical: Innovative medical solutions for sports rehabilitation and physiotherapy.

# ORTHOPEDIC REHAB SOLUTION

2 FACTUM® & 3 GENIUS ECO® DEVICES  
INDIVIDUALLY EQUIPABLE AND EXTENDABLE  
& TRAINING SOFTWARE



LEG TRAINER PLUS

WEIGHT SET  
150 kg  
2.5 - 30 kg = 2.5 kg increments  
30 - 150 kg = 5 kg increments

Dimensions  
Height: 185 cm  
Length: 225 cm  
Depth: 95 cm  
Weight: 490 kg



KNEE FLEXOR

WEIGHT SET  
70 kg  
2.5 - 30 kg = 2.5 kg increments  
30 - 70 kg = 5 kg increments

Dimensions  
Height: 170 cm  
Length: 162 cm  
Depth: 103 cm  
Weight: 302 kg



HIP MACHINE

WEIGHT SET  
70 kg  
2.5 - 15 kg = 2.5 kg increments  
15 - 70 kg = 5 kg increments

Dimensions  
Height: 185 cm  
Length: 168 cm  
Depth: 108 cm  
Weight: 340 kg



ABDOMINAL & BACK TRAINER

RESISTENCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 136 cm  
Length: 147 cm  
Depth: 100 cm  
Weight: 240 kg



SHOULDER TRAINER

RESISTANCE  
25 – 900 N  
Adjustable in 25 N increments

Dimensions  
Height: 162 cm  
Length: 197 cm  
Depth: 90 cm  
Weight: 225 kg



The new high energy induction therapy  
**FREI emPact**, suitable for every REHAB SOLUTION

Orthopedic rehabilitation is a therapeutic approach to recovery that aims to correct musculoskeletal limitations and relieve pain from trauma, disease or surgery. This is where the ORTHOPEDIC REHAB SOLUTION from FREI medical comes into play. Our medical training equipment supports pain-free exercise and can be easily adapted to individual needs. This not only strengthens the body, but also the motivation. Everything for a quick comeback to everyday exercise. FREI medical's hydraulic training equipment from the FACTUM® line is particularly suitable for providing gentle and weightless training.



# BACK & SPINE REHAB SOLUTION

5 GENIUS ECO® DEVICES INDIVIDUALLY EQUIPABLE AND EXTENDABLE  
FREI GUIDE & TRAINING SOFTWARE



CVS TRAINER

WEIGHT SET  
10 kg  
0.5 - 30 kg = 0.5 kg increments  
3 - 10 kg = 1 kg increments

Dimensions  
Height: 170 cm  
Length: 130 cm  
Depth: 72 cm  
Weight: 280 kg



The new high energy induction therapy  
**FREI emPact**, suitable for every REHAB SOLUTION

Chronic pain can become a significant burden at work and in everyday life. Here, the use of physiotherapy to relieve joint and vertebral blockages or tension and then to strengthen the structures of the spine is a great help and good therapy. THE BACK & SPINE REHAB SOLUTION from FREI medical offers a combination of medical training devices from the GENIUS ECO® line, which are used specifically for the subject of the back/spine and enable optimal treatments in the area of rehabilitation.



ABDOMINAL TRAINER

WEIGHT SET  
70 kg  
2.5 - 30 kg = 2.5 kg increments  
30 - 70 kg = 5 kg increments

Dimensions  
Height: 170 cm  
Length: 140 cm  
Depth: 122 cm  
Weight: 310 kg



BACK TRAINER

WEIGHT SET  
70 kg  
2.5 - 30 kg = 2.5 kg increments  
15 - 70 kg = 5 kg increments

Dimensions  
Height: 170 cm  
Length: 142 cm  
Depth: 92 cm  
Weight: 300 kg



TORSO ROTATOR

WEIGHT SET  
70 kg  
5 - 20 kg = 2.5 kg increments  
20 - 70 kg = 5 kg increments

Dimensions  
Height: 170 cm  
Length: 133 cm  
Depth: 105 cm  
Weight: 300 kg



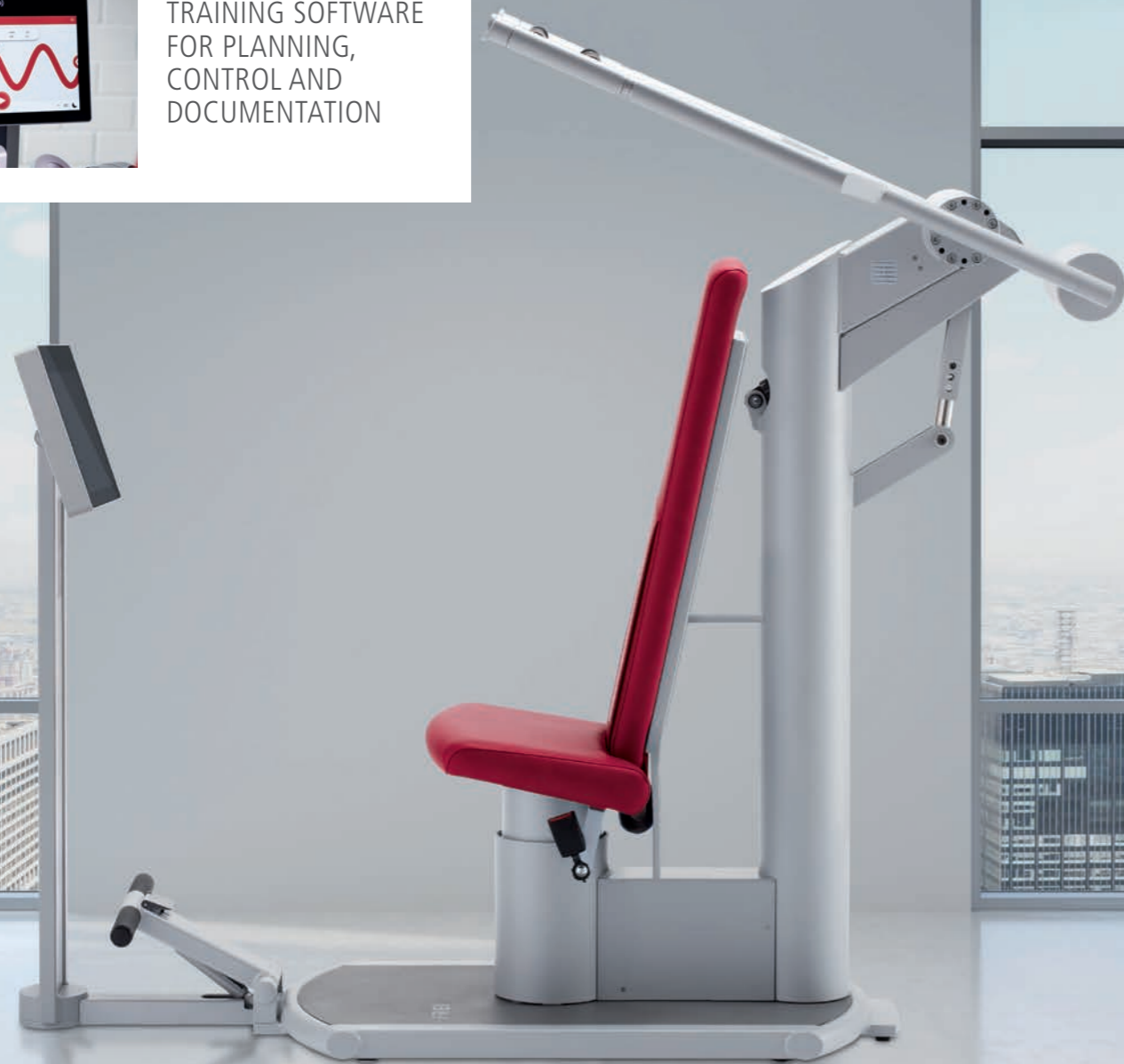
LATERAL TRAINER

WEIGHT SET  
70 kg  
5 - 15 kg = 2.5 kg increments  
20 - 70 kg = 5 kg increments

Dimensions  
Height: 170 cm  
Length: 125 cm  
Depth: 130 cm  
Weight: 300 kg



TRAINING SOFTWARE  
FOR PLANNING,  
CONTROL AND  
DOCUMENTATION



LINE

# FACTUM<sup>®</sup>

- Medical device class **Im CE0123**
- Made in Germany
- Whisper-quiet, harmonious movements
- Combination device: Training of two muscle groups in one flow of movement
- Hydraulic resistance separately adjustable for each muscle group
- Uniquely efficient concentric / concentric training
- Safe training without risk of injury: movement can be stopped at any time
- Guided training in the optimal physiological strength curve
- Compatible with FREI GUIDE Software
- Perfect for group and circuit training
- Also useful as a single device
- Line comprised of 9 device

FACTUM®

# MEDICAL TRAINING DEVICES



LEG TRAINER



SHOULDER TRAINER



CHEST  
& POSTURE TRAINER



ROWING MACHINE /  
CHEST PRESS



ABDOMINAL & BACK TRAINER



TORSO ROTATOR



LATERAL TRAINER



KNEE FLEXOR / KNEE EXTENSOR



ABDUCTOR / ADDUCTOR



TRAINING SOFTWARE  
FOR PLANNING,  
CONTROL AND  
DOCUMENTATION



LINE

# GENIUS ECO<sup>®</sup>

- Medical device class I CE
- Made in Germany
- Classical timeless design
- Concentric / eccentric workout
- Compatible with software-based test and workout systems
- Easy operation
- Biomechanical adapted workout
- Safe and controlled movements
- Continuous development of equipment features
- Hydraulic weight plate damping
- Line comprises of 21 devices

GENIUS ECO®

# MEDICAL TRAINING DEVICES



ABDOMINAL TRAINER  
Available as a combination device



BACK TRAINER  
Available as a combination device



CHEST PRESS



ROWING MACHINE



COMBI PULL DOWN /DIP



SHOULDER PRESS



KNEE FLEXOR  
Available as a combination device



KNEE EXTENSOR  
Available as a combination device



POSTURE STABILISER  
Available as a combination device



BUTTERFLY  
Available as a combination device



VERTICAL TRACTION MACHINE



UNIVERSAL TRACTION MACHINE



ABDUCTION TRAINER



LATERAL TRAINER



LEG TRAINER



LEG TRAINER PLUS



HIP MACHINE



TORSO ROTATOR



CVS-TRAINER



MULTIPRESS



FUNCTIONAL TRAININGSCENTER



COORDINATION DEVICE

# TRAMP TRAINER TT®

The device allows complex sequence of movements which strains several joints and muscle groups at the same time. The intensity can be determined by adjusting the inclination of the seat unit. The TRAMP TRAINER TT® supports coordination, lymphatic circulation and reactive strength.

- Active functional full-body training
- Training in partial load range
- Trampoline as resistance transmitter
- Effective coordinative workout for rehabilitation and sports
- Plyometric and reactive training for fast workout successes
- Improves metabolism and lymphatic circulation

COORDINATION DEVICE

# AKTIV TRAMP®

The AKTIV TRAMP® transmits the vibrations to the user. The user can move with or against the vibrations, depending on the desired workout. The AKTIV TRAMP® is ideal for short workouts as well as it provides maximum safety for rehabilitation and senior training. Definetly it's a unique product patented by FREI medical.

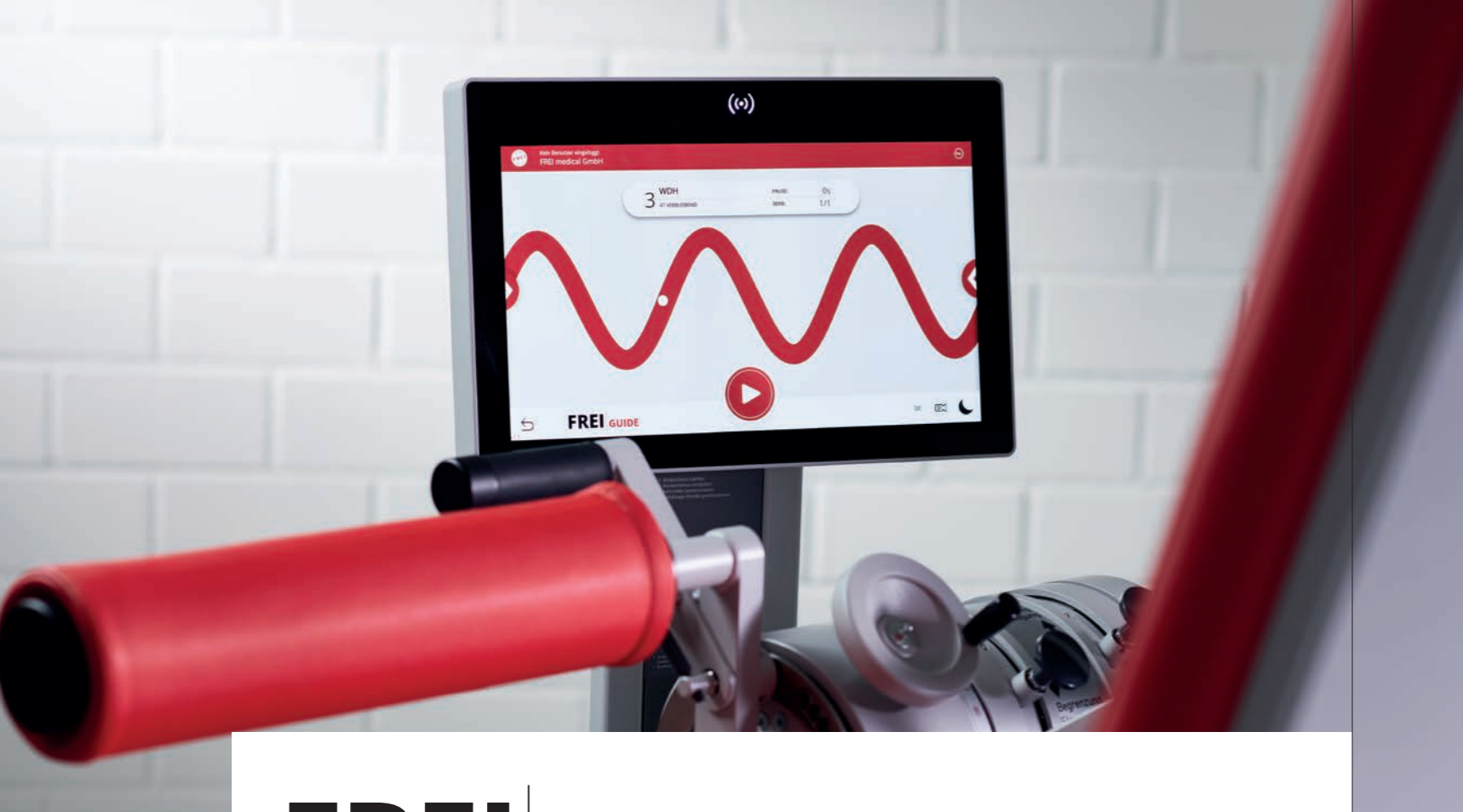
- Mechanical trampoline – the user is put into rhythmical movements
- Multidimensional sensomotoric training
- Supports coordination, stabilization, motor skills and balance
- Perfect training device in every environment
- Highly successful short training periods



PELVIC FLOOR TRAINER

# PELVIC TRAINER

The pelvic floor trainer has been specially developed and manufactured for strengthening and improving coordination of the pelvic floor muscles and treating dysfunctions of the pelvic floor. These include urinary incontinence, fecal incontinence, erectile dysfunction and pelvic instability.



# **FREI** | **GUIDE**

## A NEW DIMENSION IN TRAINING CONTROL & EVALUATION

The new **FREI GUIDE**, in combination with the FREI GUIDE Software, offers comprehensive test procedures and highly innovative forms of training. Achieve the Optimal point of Challenge with FREI GUIDE, all while utilizing the 15.6" color touch screen interface. Find out more!

- The user guidance on the FREI GUIDE display is simple and intuitive.
- Integrated video animations help to set the device correctly before training.
- Training programs for the various training stations can be created in the FREI GUIDE software after admission of the patient and initial anamnesis.
- Using Myfair technology (chip card, wristband with RFID identification), the new FREI GUIDE Display on the training device identifies the user and guides her/him through the preset training program.
- During the training, therapists and trainers can adjust all training parameters.
- Only compatible with CUBE MTM.

INDIVIDUAL TRAINING CONTROL AT THE OPTIMAL POINT OF CHALLENGE.



### FREI GUIDE SOFTWARE

## SOFTWARE FOR PLANNING, CONTROL AND DOCUMENTATION

The FREI GUIDE Software, which is connected to the devices via a WIFI network, stores all anamnestic data about the patient. Test and training programs can be created for the various training stations, changed and automatically saved via RFID. After the training, all results are available and can be saved in the software for the patient/customer. The course of training can be documented at any time and training/therapy successes can be displayed. In addition, cardio training content and additional, free training exercises can be added to the individual training program.





**FREI** | **emPact**

## HIGHLY OPTIMIZE YOUR MEDICAL TRAINING THERAPY

With new high-energy induction therapy, FREI medical offers specialized protocols for highly optimized therapy during training. The application of **FREI emPact** therapy can take place before, during, and after an active training session. It supports and optimizes the treatment success of many indications. The muscles and structures are activated, stimulated and mobilized.



## HIGH ENERGY - INDUCTION THERAPY

The **FREI emPact** generates a strong magnetic field of up to 3 Tesla, which stimulates nerve cells and muscles. This application leads to a physiological change and stimulation with which therapeutic effects can be achieved.

- Can be combined with FREI medical training equipment as well as functional training
- Improvement of posture, mobility and gait pattern can be achieved
- Blood circulation, reduction of swelling and inflammation can be improved
- Relaxation of the musculature as well as breaking of protective tensions after e.g. injuries can be activated



## BEFORE TRAINING THERAPY

Supports passive treatment therapies as well as optimal preparation for active therapy and training measures. Depending on the indication, the targeted use of the **FREI emPact** stimulates structures, reduces inflammation and swelling, improves mobility and activates muscles.

## DURING TRAINING THERAPY

During training treatment with **FREI emPact**, accompanying between the workouts, can achieve fast improvements in strength and coordination. Training results are optimized, especially in cases of pain, arthritic changes and movement restrictions. Application with **FREI emPact** can increase muscle activity.

## AFTER TRAINING THERAPY

The targeted use of the **FREI emPact** supports the regeneration of muscles and stressed structures after successful training. The improvements achieved in restrictions and complaints are sustainable.

## ELECTROMAGNETIC TRAINING THERAPY

Use electromagnetic therapy with **FREI emPact** in combination with your patients training therapy. The **FREI emPact** programs specially developed by FREI medical offer a wide range of treatment options to improve the well-being of your patients.



PHYSIOTEC, COBURG

# REFERENCES



SPORTHICUM- DAS THERAPIEZENTRUM, BERGISCH GLADBACH

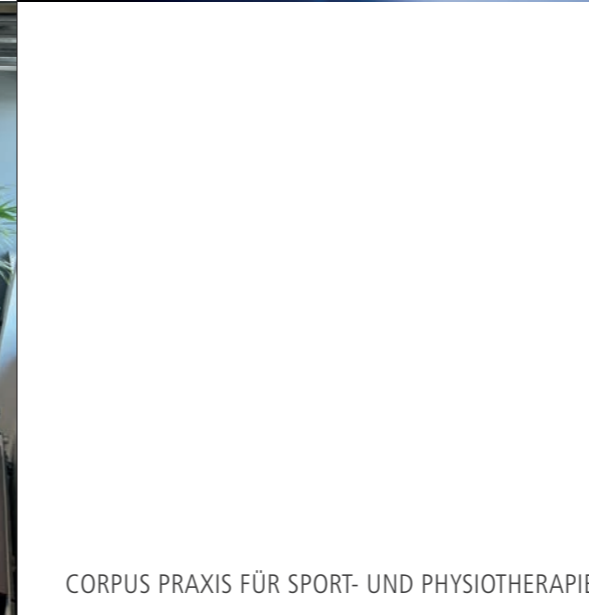
“The TRAMP TRAINER TT® also guarantees that we can perform functional exercises with our patients at a very early stage.”

Nils Asselborn

“What we like most about the GENIUS ECO® line is that the devices are all „Made in Germany“. On top we like the quality and the design. They stand for high end quality and are safe for patients to use.”  
Nicole Spangenberg



KÖLNER PHYSIO AKTIV GBR, COLOGNE



CORPUS PRAXIS FÜR SPORT- UND PHYSIOTHERAPIE GBR



GYMTONIC FEIYUE, SINGAPORE



PHYSIOPLUS, KIPPENHEIM



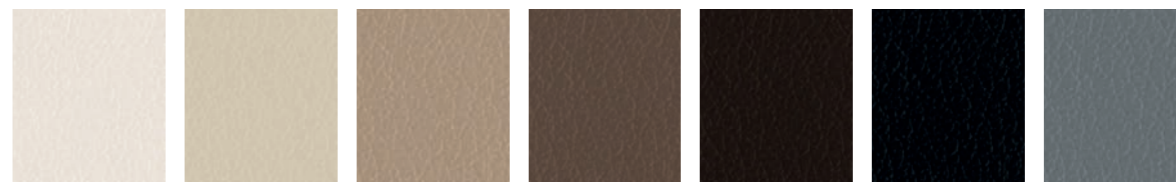
Gruppe 1 – tundra



pearl black cherry atoll

# UPHOLSTERY COLORS

Gruppe 4 – pandoria plus



white light beige pebble smoke chocolate black platinum



fire cherry lime emerald sky royal

Gruppe 5 – palma



black ruby baltic anthracite

Frame color



platinum metallic for training devices and therapy beds

Please note!  
The available frame colors and possible surcharges can be found in the respective product description.

# REHAB SOLUTIONS

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