Custom orthotics
MAKE YOUR MOVE

www.phitsinsoles.com
I GCOAS DUINE A BHÍOS A SLÁINTE.
A PERSON’S HEALTH IS IN HIS FEET.
— old Irish saying —
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rs print, the company behind Phits insoles

RS Print™, the joint venture of RS scan and Materialise was founded in 2014, as the result of the quest for the perfect custom orthotics using dynamic gait analysis and state of the art 3D printing technology.

RS Print™ is being regarded as one of the game changers in contemporary orthotics and footwear industry. Ready to set a new standard in patient care, expert empowerment and technological development.
RS scan International welcomes you and invites you to explore the interesting world of plantar pressure and gait analysis. Many exciting applications are possible, such as in biomechanical research labs, clinics, sports and leisure footwear shops, industrial and many other applications.

RS scan International is dedicated to deliver state-of-the-art solutions for all these fields and has a proven track record, backed by top notch specifications, patented technology, thousands of footscan® product users worldwide, published PhD studies, research papers, magazine articles and books on biomechanics.

www.rsscan.com

Materialise’s mission is to innovate product development resulting in a better and healthier world through its software and hardware infrastructure and in-depth knowledge of additive manufacturing.

Materialise takes patient-specific healthcare to new heights by working closely with specialists for the planning and execution of complicated procedures. This process of peer to peer co-creation helps people getting back on their feet, and putting smiles back on patients’ faces.

www.materialise.com
Turning your 2D footscan® analysis into a 3D solution
Based upon your expertise and the footscan® analysis, the new footscan® V9 Gait Essentials offers you a great intuitive tool to design and order Phits™ 3D printed insoles in only a few clicks.

Variable stiffness

Superior stability

phits dynamic 3D Printed Insoles
From SCAN to SOLE

Step 1
footscan® and analysis
First you have an interview with your expert about your medical history and your activities, then the expert scans and analyses your gait using our custom developed dynamic footscan®-system.

Step 2
3D-printing
Based on this data, our software, integrated with the footscan® technology, creates a design. This design can be adapted to your specific needs or to the advice of the expert. A 3D-printer then transforms the digital design into ultralight custom orthotics. Afterwards the orthotics get a shock-absorbing comfort layer.

Step 3
Quality control and delivery
After a final quality check, about 2 weeks later, your expert invites you to fit your orthotics and make sure your body gets the balance it needs with every step.
YOU

FUNCTIONAL CUSTOMIZATION

ACTIVITY

SHOE
A custom solution for everyone

Every day use

Sports and performance

At work
A custom solution for everyone

**Every day use**

Improve your every day comfort. Phits™ are orthotics that correct gait patterns, cure foot pathologies and prevent you from lower limb, hip and lower back injuries.

**Sports and performance**

Enhance your performance. Phits™ are custom orthotics to enable you to reach your full potential, as they make you move more efficiently. Serves professional as well as recreational sports people in multiple sports disciplines such as track and field, cycling, football, golf, indoor sports, tennis, badminton...

**At work**

Increase your efficiency. Nurses, construction workers, waiters, teachers, parcel services... Millions of people are on their feet all day, risking injuries due to deformed gait patterns, causing a lot of pain and costing millions to employers and society. Phits™ can help you prevent or relieve these pains.
3 Phits™ advantages

High tech solution
Firstly, footscan® offers the best professional pressure measurement systems for dynamic gait analysis. Outsourcing your orthotics at Phits™ guarantees orthotics built with the most advanced 3D printing technology to deliver the most accurate and durable 3D printed orthotic on the market.

Increase your expertise
As opposed to many outsourced orthotics, with Phits™, the practitioner is in the cockpit. Based on a scientifically proven footscan® gait analysis, the practitioner is able to design a custom orthotic and to define its functionalities and regain full control over the design of the solution.

Improved patient care
The footscan® software offers very strong visualisation of both analysis and design. This helps practitioners to guide their patients through the complete process. Patients will understand the diagnosis better and know more about how they will benefit from the proposed solution.

FREE DEMO?
CONTACT US NOW
info@phits.be
Turning your 2D footscan® expert analysis into custom 3D printed Phits™ Insoles

FREE DEMO?
CONTACT US NOW
info@phits.be
MADE TO MEASURE
Professional Dynamic GAIT Analysis
Intuitive footscan® analysis

The unique combination of RS Scan’s pressure plates with the footscan® v9 Gait Essentials software provides you with the best possible measuring data in order to design the orthotic you need...

Clinical analysis
Footscan® state-of-the-art technology will, under your professional use, make a great impression on your network of colleagues and partners but above all on your patients. You will convince them using pre- and post-footscan® analysis, leading to better diagnoses and sustainable treatments.

Sports analysis
The footscan® pressure measurement system is your partner in shoe advice and gait performance analysis for sports ranging from the novice sportsmen to the professional athlete. The footscan® software guides you through the gait analysis of your customer and gives you reliable analysis parameters. You and your customer will be impressed!

Scientific analysis
Pressure footscan® data will impress you by its accuracy and reliability and by its use in your research in gait and balance analysis. Upgrade your lab to the highest level of synchronization and enjoy the high quality of footscan®.

FREE DEMO?
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info@phits.be
Intuitive footscan® analysis

Solid & reliable footscan® hardware
Advanced product range for any type of professional use

- 0,5 m: light, compact, mobile solution
- 1,0 m: perfect walking gait analysis, mobile solution
- 1,5 m: perfect running gait analysis, heavy duty

Advantages:
- Simple, USB plug & play
- 4096 sensors per 0,5 m
- High speed dynamics capturing: 200 Hz – 300 Hz
- Easy maintenance
Intuitive & performant footscan® software
footscan V9 gait essentials

- Real time visualisation of the scanning Dynamic and static analysis Continuous dynamic analysis
- Easy step selection
- Compare different measurements from the same person or compare different persons
- Database import and export possibilities
- Clear and clean reports

“We improve people’s sport experience, by running great technology.”
Theo Nass | Owner of Summit Health - The Netherlands
Intuitive Phits™ Insoles design

The software takes care...
Your footscan® analysis is the guide to your insole design. Interpreting all necessary data, the RS Print™ design software automatically proposes you a pair of Phits™.

... but you are still in control!
Based upon your expertise and the insight in your patients’ foot history, you can very easily adapt the insoles’ structure.

Cloud based order management and the Phits™ support team
The Phits™ order management system is 100% cloud based. You don’t have to export or email your data, you can order directly within the Phits™ design wizard.
The online order management system allows you to check the status of your orders.
In case of any additional questions, our dedicated support team is at your service.

FREE DEMO?
CONTACT US NOW
info@phits.be
Adjustable Phits™ parameters

FREE DEMO? CONTACT US NOW info@phits.be
Some Phits™ expert references

runners’ lab
The n° 1 expert in specialized running retail in Belgium. A well trained and extremely passionate team that strives to service their many customers in the best possible way.

Their customers are both international track & field stars as well as recreational runners.

www.runnerslab.be

Summit Health
A multidisciplinary health centre based in the Netherlands. Whether you’re in recovery or looking for a better performance, Summit Health helps you to reach your full potential.

Summit Health is also a well known expert in the field of prevention and guidance on the work floor.

www.summithealth.nl
bikefitting.com

Bikefitting.com is one of the top references in cycling positioning worldwide.

Bikefitting.com designed their own cycling analysis and positioning tools, which are known throughout the world. Their excellence center in The Netherlands offers both professional and amateur cyclist the perfect Phits™.

www.bikefitting.com

Ortho-kin is a fast growing orthopedic company that focuses on patient satisfaction and finding the perfect solution for every patient.

Patients feel safe in the stylish, quiet and clean atmosphere. At Ortho-kin, patients know they’re in the hands of skilled professionals that take care of them personally.

www.ortho-kin.be
Paula Radcliffe
Women's Marathon World Record holder
Paula Radcliffe (GBR) runs all her miles on Phits™ insoles!

She ran the London Marathon wearing our insoles in April 2015.

“Without the support of these orthotics, I would have been incapable to recover this quickly after my operations, this would have probably been the end of my career.”

Some happy Phits™ users
After suffering a complex calcaneus fracture, classic orthotics weren’t enough supporting anymore and I started wearing the 3D printed custom Phits™ Insoles. A massive improvement! Fantastic product, also clearly suitable for medical applications!

*Max, 62 year old, owner interior design company*

These insoles are really great – I got used to them immediately! I’d advise them to anyone with foot problems!

*Catherine, 56 years old, solicitor*

“I wear my Phits™ 24/7, they provide me with extra support even when I’m cycling. My friends were shocked that I could go running with them again after years of pain and injuries.”

*Frank, 39 years old, IT-manager*

“Thanks to the good analysis my orthotics fit perfectly right away. What a difference with the classic insoles I used to wear before. I wear them in all my shoes.”

*Sven, 29 years old, Application Engineer*

Hubo Limburg United, a Belgian top division basketball team fires the ring on Phits™ insoles succesfullly as from this season (2015-2016). Phits™ has established a 3 year partnership with the team.

The Canadian ATP tennis player Milos Raonic made his comeback on Phits™ insoles after foot surgery in 2015.

Another living legend performing on Phits™ orthotics is professional cyclist and former olympic champion Samuel Sanchez (ESP).

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