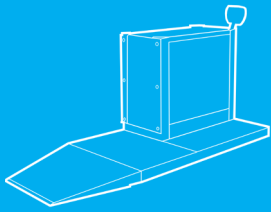




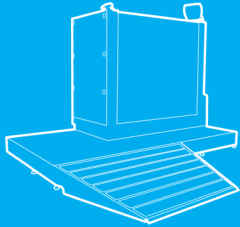
AQUATIC THERAPY

TREADMILLS & POOLS



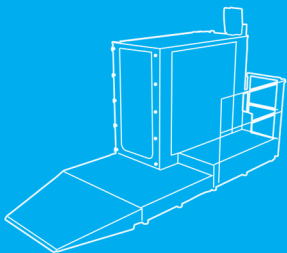
FOCUS Junior
Ergonomically designed for
paediatric therapy

10



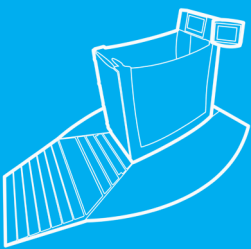
FOCUS
The benchmark of the HYDRO PHYSIO
range

14



PRO-TRAINER
The deep water hydrotherapy system

16



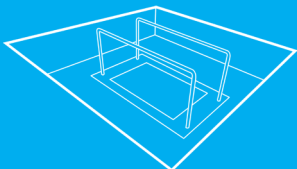
LIFESTYLE
The ultimate aquatic therapy system

20



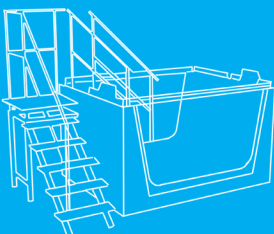
FUSION Free Standing
The versatile pool treadmill for use in
existing pools

24



FUSION Integrated
The tailored pool treadmill for
integration in new build pools

28



WELLBEING Pools
Self contained therapy and relaxation pools

32



AQUATIC THERAPY

Improving patient outcomes

HYDRO PHYSIO are market leaders in aquatic therapy
Innovative, accessible products with unique features
Unrivalled standards of customer care assured

Combining water with easily accessible treadmills, to replicate the biomechanics of land based movement, facilitates aquatic therapy with virtually limitless possibilities.

Commonly used to assist:

- Post-operative rehabilitation
- Cerebral palsy patients - Pre and post SDR surgery
- Arthritis and fibromyalgia relief
- Stroke recovery and other neurological conditions
- Lower limb replacement rehabilitation - Orthopaedics
- Catastrophic injury rehabilitation
- Cardiovascular health
- Improving mobility for senior living
- Obesity and bariatrics
- Elite sports conditioning
- Pre and post pregnancy care
- Weight loss and wellbeing

HYDRO PHYSIO's range of WELLBEING pools provide the ideal partner to the treadmills, creating an ambience of calm and relaxation but allowing gentle exercise in the comfort and buoyancy of water.

Whatever the age or ability, HYDRO PHYSIO can facilitate significant benefits to health, fitness and wellbeing.

Why Water?

Water is the lifeblood of the earth

The properties of water and advantages they can provide for clinicians:

Hydrostatic Pressure - (Pressure exerted by fluid at equilibrium due to gravity. Hydrostatic pressure increases in relation to water depth):

- Reduces heart rate and arterial pressure by assisting circulation
- Reduces peripheral oedema
- Increases metabolic rates and calorific burn
- Increases thoracic pressure, which improves cardiovascular conditioning

See figure 1

Buoyancy - (The users relative body mass at a specified water height):

- Reduces load on painful joints and muscles
- Improves flexibility
- Increases core stability

See figure 2

Temperature - (Affects the users bodily functions and workout experience):

- Relaxes the user
- Relieves pain
- Improves circulation

See figure 2

Surface Tension - (The area where users break the water surface with their body):

- Targets specific muscle groups
- Assists the balance of unsteady patients or recovering athletes

See figure 3

Resistance - (The resistance of water on immersed areas of the body):

- Supports weak muscles and limbs
- Significantly increases workout intensity

See figure 3

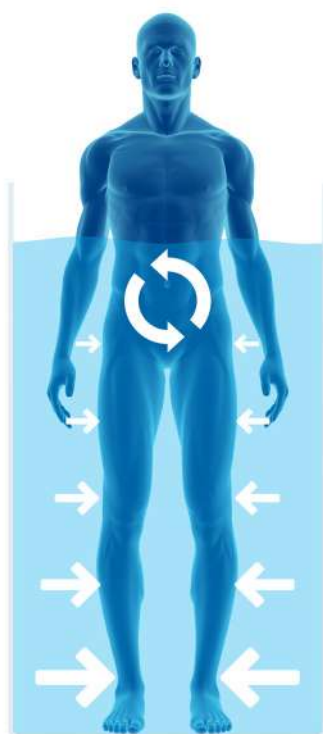


Fig 1

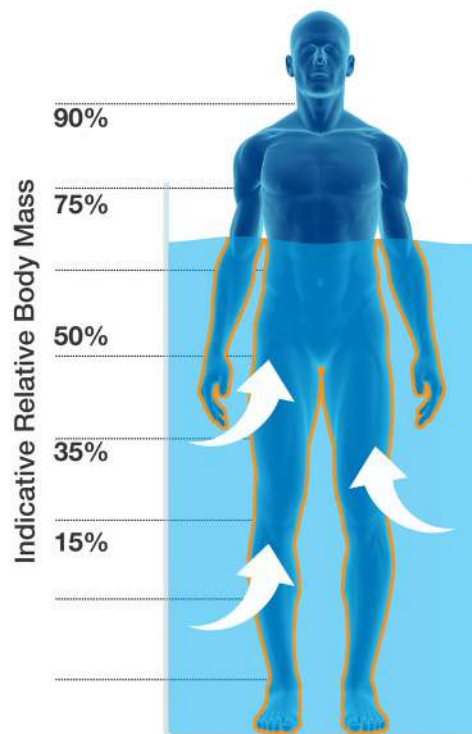


Fig 2

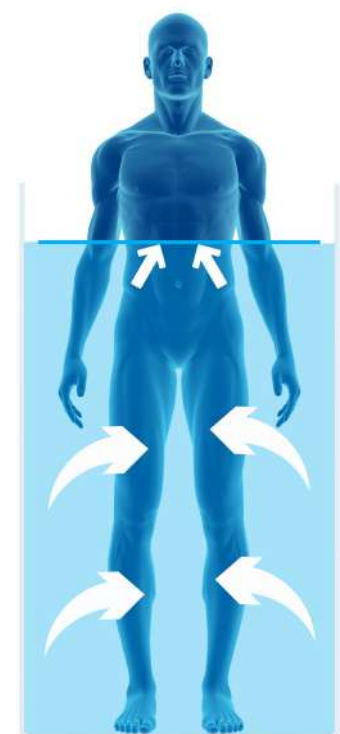


Fig 3

The Benefits

Typical Treatments & Benefits

1 Ankle Injuries

Users of HYDRO PHYSIO aquatic treadmills typically experience a 60% reduction in effective body weight, this can be particularly helpful for rehabilitation and recovery of ankle injuries.

2 Knee and Lower Leg Injuries

Knee replacements, ACL reconstruction and lower leg trauma due to injury, are all improved with aquatic treadmill programmes.

3 Hip Replacement

Elderly patients with hip replacements use aquatic therapy to start rehabilitation at the earliest possible stage. Pain management is possible when exercising in warm water.

4 Core Stability / Weight loss

Only aquatic training allows a low impact challenging workout, which promotes better health and fitness.

5 Spinal Injuries

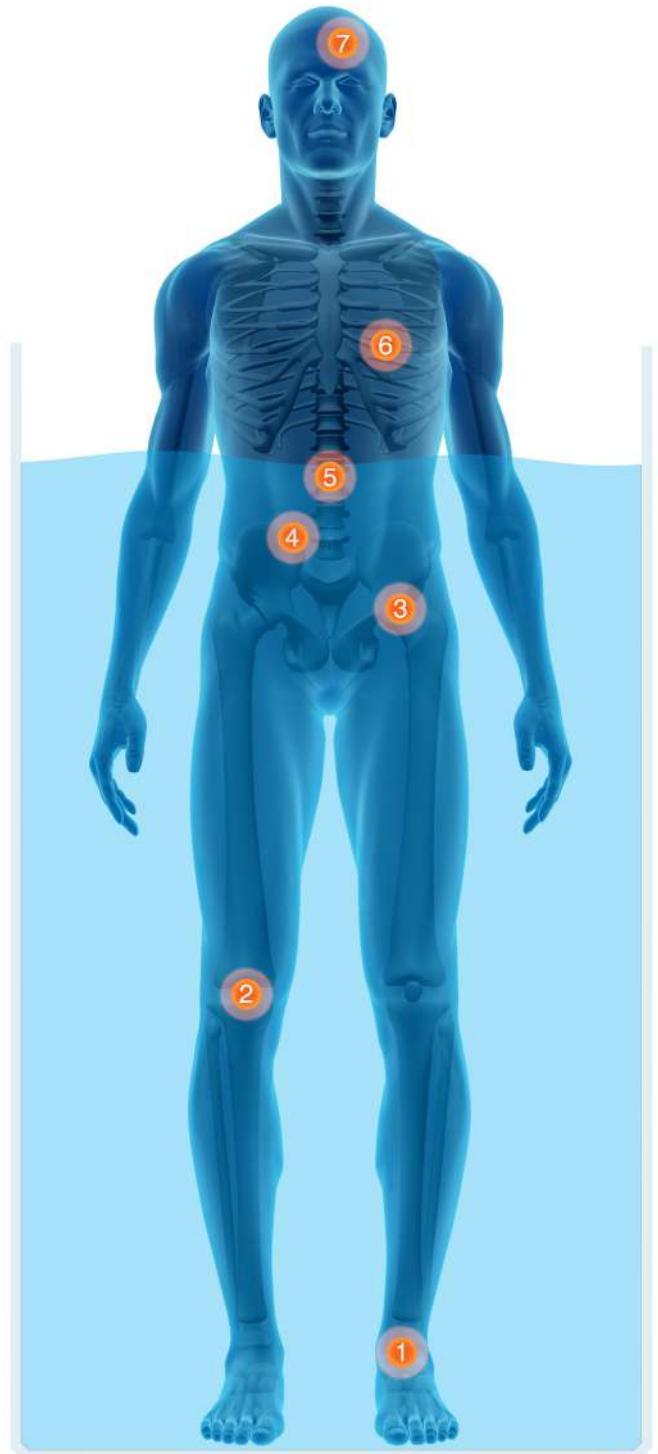
Damage to the lower back is treated in a supportive environment that is resistive and cushioning. Low treadmill speeds allow patients to take their first steps of recovery.

6 Cardiovascular and Respiratory

Exercising in water can improve cardiovascular strength and overall fitness. Increased resistance and pressure are key factors in achieving this. The correct core body temperature is also a contributory factor. Immersion in water can strengthen respiratory musculature and enhance cardiovascular efficiency.

7 Neurological

Stroke patients and people with other neurological conditions, such as cerebral palsy, use aquatic therapy for learning or relearning in a supportive environment. Aquatic therapy promotes an unexplained user feel good factor.



Aquatic Therapy In Practice

PAEDIATRIC THERAPY

Cerebral Palsy

Diplegic cerebral palsy can be managed effectively with aquatic therapy. Therapy sessions can turn weakness to strength and help to create a more natural gait.

Physical steps forward are matched by big strides in confidence.

Selective Dorsal Rhizotomy (SDR) operations can be greatly aided by aquatic treadmill therapy. This type of therapy plays an important role both in pre-operative preparation and post-operative rehabilitation.

The goal for many children with cerebral palsy is to walk unaided. With the combination of SDR spinal surgery and HYDRO PHYSIO therapy, this goal is now achievable.



CHRONIC CONDITIONS

Arthritis And Fibromyalgia

Arthritis is the No.1 cause of disability

Arthritis and fibromyalgia cause debilitating pain in some patients. The gentleman in this picture could only walk 100 yards on land. To get a level of mobility into his life routine he uses HYDRO PHYSIO. The aquatic treadmill allows him pain free exercise and a great sense of satisfaction in his achievements.

The importance of a cardiovascular workout for arthritis and fibromyalgia patients is high. Immobility in patients creates further health issues. Aquatic therapy gives patients a method of cardio exercise, increasing confidence and improving the quality of life for those who live an immobile existence.

Stroke Rehabilitation

One of the largest causes of serious long term disability

Every two seconds someone in the world has a stroke for the first time. Lifestyle and blood pressure are contributing factors. Up to 80% of all strokes could be prevented. Physical inactivity and being overweight or obese are both areas where aquatic therapy can help those people who struggle with mobility. Studies have shown that regular exercise is as important to stroke prevention as medication.

72% of stroke patients have lower limb weakness. The goal of stroke rehabilitation is to help relearn skills such as mobility, co-ordination and balance. Water acts as cushioning, supporting weakened limbs and giving the patient confidence to relearn.



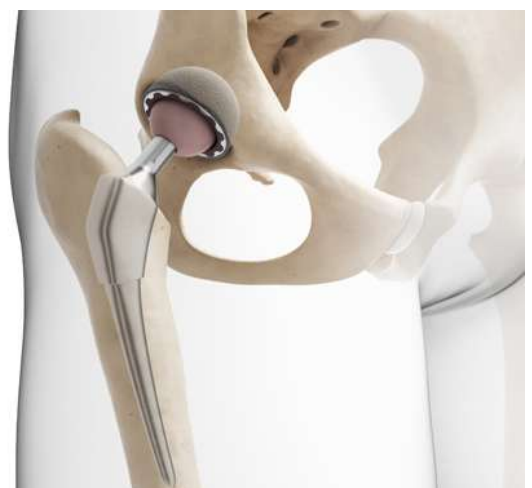
ORTHOPAEDICS

Post-Operative

Research shows that those who rehabilitate earlier achieve independence and strength faster than those who wait to partake in land based exercises. Aquatic therapy is ideal as patients can begin exercise almost immediately after certain operations.

Aquatic therapy is proven to have a significant impact in post-operative rehabilitation for the following operations:

- Pre and Post Knee Surgery
- ACL Knee Surgery
- Ankle Fusion Surgery
- Femur Replacement
- Fractured Foot
- Fractured Pelvis
- Hip Replacement
- Shoulder Surgery
- Spinal Surgery



OBESITY CRISIS

> 30% Of Adults Are Obese Or Overweight

The weight of a nation puts pressure on healthcare throughout the world. The links between weight and health have long since been established. The fact is, globally we are getting fatter.

As weight increases, patients find exercise harder. The strain of land based exercise on joints, ligaments and organs can cause additional health issues and problems.

HYDRO PHYSIO offer a solution to these problems with a calorific burn almost three times higher than the same land based exercise.



SPORTS CONDITIONING

Water Resistance For Core Muscle Strength

Strengthening and conditioning of the body for overall performance can be greatly enhanced by training in a HYDRO PHYSIO aquatic treadmill. Aquatic training provides both an impacting and challenging workout.

Water resistance and surface tension promote high intensity exercise. Treadmill incline features and additional resistance jets provide the option to further challenge the user. Tailored programmes can push training sessions further, with less risk of injury.



SPORTS REHABILITATION

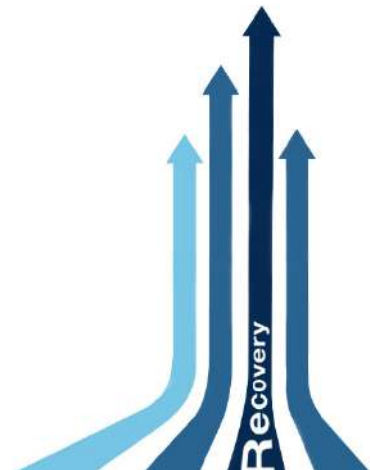
Accelerate Healing

Traditional rehabilitation after a sports injury can be slow. Form is lost while waiting to recover sufficiently in order to train again. With a hydrotherapy rehabilitation programme the body can begin to heal faster with less impacting strain on joints and ligaments. Pain management is effectively dealt with as warm water and buoyancy provides an ideal environment to work affected areas.

This type of therapy helps injuries such as:

- Achilles tendon conditions
- Sprains
- Fractured bones
- ACL tears and repairs

The natural properties of water help athletes speed up recovery, minimising the loss of range of movement, whilst increasing circulation and decreasing inflammation (oedema).



SENIOR LIVING

Quality Of Life

As we age the body loses muscle mass and strength. Keeping the core strong and posture aligned can greatly reduce the effects of an aging body.

Land based exercise can be challenging if a person has a pre-existing condition such as arthritis. Hydrotherapy in temperature controlled water is the perfect way to cushion joints, making exercising more comfortable.

Studies show that exercising in water can promote the following:

- Increased range of movement and flexibility
- Lower blood pressure
- An improved respiratory system
- Reduction in stress levels
- A greater feeling of wellbeing



Case Studies



Back and joint problems

Simon suffers from debilitating back pain caused by spondylolysis, bulging discs and sciatica. Training in water at waist height reduced his body weight by 50%, enabling Simon to exercise in comfort. Effective exercise will reduce Simon's weight and improve core strength, which will make a positive contribution to managing his condition.



Osteoarthritis and double knee replacements

Two new knees and arthritis in his spine, hands and shoulder joints left Neil keen to minimise his symptoms and manage his conditions effectively. Swelling and inflammation were reduced and he saw a greater range of movement, without pain or further damage to his affected areas.



Rehabilitation for peripheral myelitis

Evan's condition of peripheral myelitis severely affects his walking and the use of his left arm. While using the treadmill Evan works on maintaining as much muscle strength as possible and reducing his cramping and spasms. After 12 sessions, Evan has re-educated his gait to achieve a more normal walking motion.



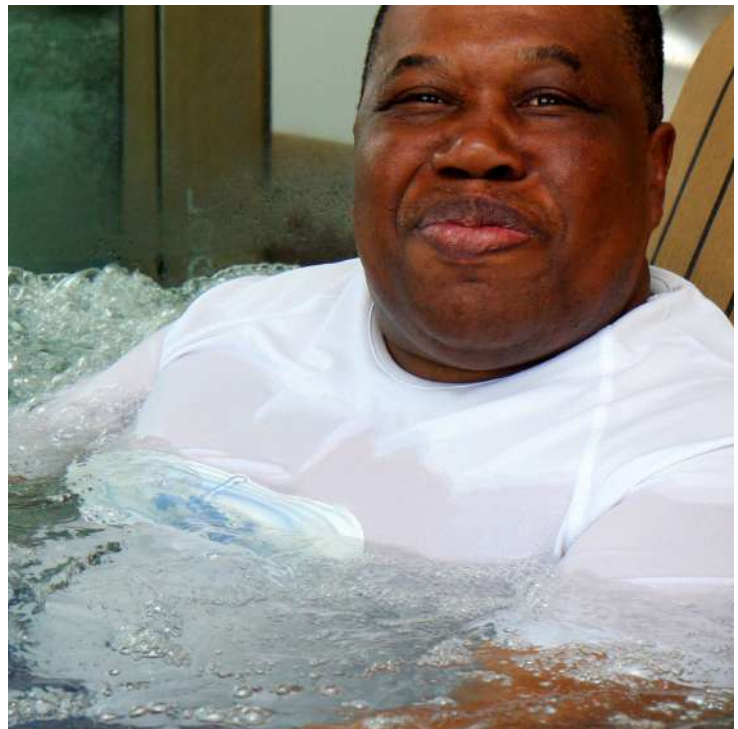
Arthritis, broken ankle and a weight loss inspiration

An arthritic hip and recovery from a broken ankle left David in a lot of pain and unable to exercise. After 20 sessions he has lost an incredible four stone, motivating him to try to lose another ten.



Catastrophic injury - Skiing

Double breaks, three fractures and an operation to insert a full length pin left Vicki only able to walk with crutches. In her first sessions, hydrostatic pressure and restoration of pre-injury movement helped release oedema around Vicki's wounds. She now has full range of movement.



Chronic arthritis and immobility

Denzil is a long term physiotherapy patient who needed to get a level of mobility back into his life. On land he was struggling to walk 100 metres. The Lifestyle treadmill and Wellbeing pool allows him pain free exercise and a great sense of achievement.



Cerebral palsy pre SDR spinal surgery rehabilitation

Pre surgery Leah needs to improve muscle strength in her legs and core, to limit the muscle and bone changes that may occur. After 18 sessions her strength has considerably improved and she no longer has to use the handrails to steady herself when in the treadmill.



Cerebral palsy post SDR spinal surgery rehabilitation

Post surgery Ben began educating his body to walk, building muscle strength, stretching tendons and developing a natural walking gait. After 24 sessions he is able to walk at a higher speed, hands-free and keeping his heels firmly down.



FOCUS

Benchmark Aquatic Therapy

At the heart of the HYDRO PHYSIO underwater treadmill range is the FOCUS, FOCUS XD and FOCUS Junior.

Designed to provide convenient upright aquatic therapy treatment, this functional model has all the features required for effective therapy, rehabilitation and fitness using an aquatic treadmill.

With optional extras such as resistance jets, FOCUS is utilised throughout the world as a cost effective option. Patients of all ages and ability benefit from this easy to operate benchmark product. FOCUS meets the needs of a clinical environment and is registered in the UK as a Class 1 Medical Device.

A new addition to the FOCUS range is the FOCUS XD, a high performance treadmill with an increased speed range of 0.5-16kph.

Platform coverings may vary from illustrated.
Please check colour options when ordering.
For more information please see page 40.

FOCUS Junior

Ergonomically Designed for Paediatric Therapy



Platform coverings may vary from illustrated.
Please check colour options when ordering. For more information see page 40.

The FOCUS Junior system includes a treadmill chamber with platform and ramp (as shown), plant equipment and a water storage tank (sited in separate plant room).

Minimum room sizes:

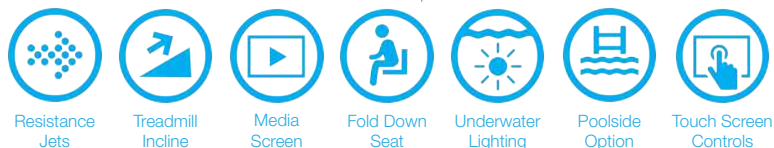


Minimum ceiling height: 2.5m
Minimum door height: 2m
Minimum door width: 1m
Minimum space required: 24m²
Minimum floor loading: 1250kg/m²

Equipment Features



Additional Options



FEATURES

- [+] OUTWARD OPENING DOOR WITH PATENTED LATCH DEVICE
- [+] ISO 13485 COMPLIANT
- [+] MEDICAL GRADE STAINLESS STEEL CONSTRUCTION
- [+] STRUCTURAL GLASS WITH 360° MONITORING
- [+] COMMERCIAL FILTRATION SYSTEM
- [+] REVERSIBLE BELT DIRECTION
- [+] STRIDE LENGTH AND WATER DEPTH INDICATORS
- [+] TREADMILL SYSTEM MONITORING
- [+] PUSH BUTTON CONTROL ON ADJUSTABLE SWIVEL ARM
- [+] OPERATOR PLATFORM WITH ACCESS RAMP
- [+] CHEMICAL FEEDER

OPTIONS

- [+] SINGLE SPEED RESISTANCE JETS
(Only with push button model)
- [+] MANUALLY OPERATED TREADMILL INCLINE (5% gradient)
- [+] MEDIA SCREEN
- [+] ADDITIONAL HANDRAILS (Removable)
- [+] FOLD DOWN SEATING
- [+] CUSTOMISED PLATFORM
- [+] BLUE LED UNDERWATER LIGHTING
- [+] POOLSIDE VERSION
- [+] TOUCH SCREEN MODEL (Includes enhanced system monitoring, pre-set and programmable function controls)
- [+] DUAL SPEED RESISTANCE JETS
(Only with touch screen model)

TECHNICAL SPECIFICATION

Maximum load	200kg (441lbs) assuming 50% weight bearing in water
Maximum water depth	0 - 1000mm (39")
Speed range	0.2 - 11kph (0.12 - 7mph)
Fill / empty times	Approx 4 minutes to max depth
Temperature range	From ambient - 40°C (104°F)
Trainer dimensions (Excluding display)	L 1486mm (58") x W 730mm (71") x H 1450 mm (57")
Complete system weight	
Dry	800kg (1764lbs)
Full	2000kg (4409lbs)
Capacity	1200 litres (264 gals, 317 US gals)
Max distance between treadmill and plant equipment	10m (394")
Power Options	400V 3 phase neutral and earth 50/60hz 16A per phase 240V single phase 50hz 16A

FOCUS

The Benchmark of the HYDRO PHYSIO Range



Platform coverings may vary from illustrated.

Please check colour options when ordering. For more information see page 40.

The FOCUS system includes a treadmill chamber with platform and ramp (as shown), plant equipment and a water storage tank (sited in separate plant room).

Minimum room sizes:



Minimum ceiling height: 2.5m

Minimum door height: 2m

Minimum door width: 1m

Minimum space required: 30m²

Minimum floor loading: 1250kg/m²

Equipment Features



Additional Options



FEATURES

- [+] OUTWARD OPENING DOOR WITH PATENTED LATCH DEVICE
- [+] ISO 13485 COMPLIANT
- [+] MEDICAL GRADE STAINLESS STEEL CONSTRUCTION
- [+] STRUCTURAL GLASS WITH 360° MONITORING
- [+] COMMERCIAL FILTRATION SYSTEM
- [+] REVERSIBLE BELT DIRECTION (Not available on FOCUS XD)
- [+] STRIDE LENGTH AND WATER DEPTH INDICATORS
- [+] TREADMILL SYSTEM MONITORING
- [+] PUSH BUTTON CONTROL SCREEN ON ADJUSTABLE SWIVEL ARM (Not available on FOCUS XD)
- [+] OPERATOR PLATFORM WITH ACCESS RAMP
- [+] CHEMICAL FEEDER

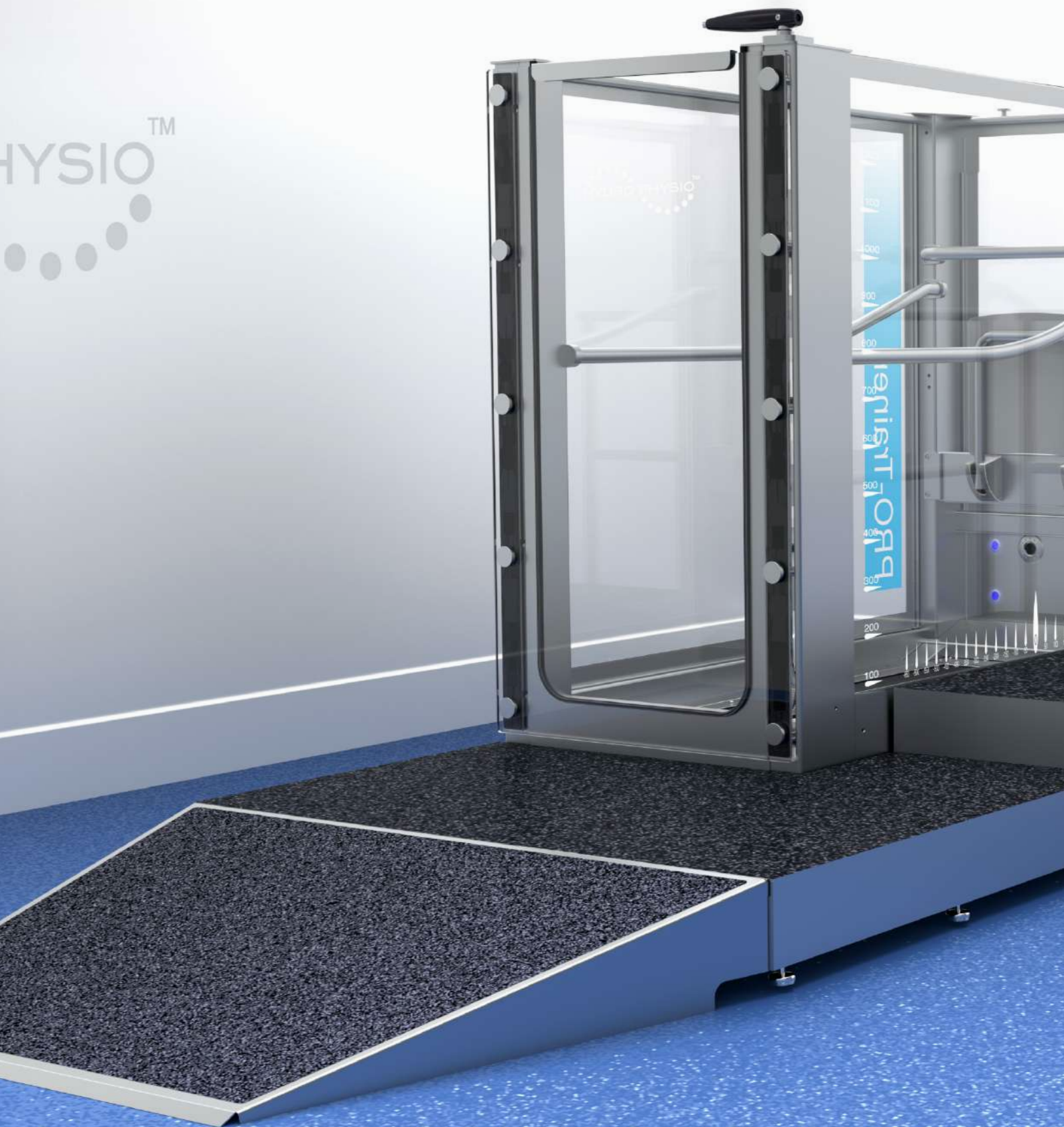
OPTIONS

- [+] SINGLE SPEED RESISTANCE JETS (Only with push button model)
- [+] MANUAL TREADMILL INCLINE (5% gradient, only on the standard FOCUS)
- [+] POWERED TREADMILL INCLINE (8% gradient, only available on FOCUS XD)
- [+] MEDIA SCREEN
- [+] ADDITIONAL HANDRAILS (Removable)
- [+] FOLD DOWN SEATING
- [+] CUSTOMISED PLATFORM
- [+] BLUE LED UNDERWATER LIGHTING
- [+] POOLSIDE VERSION
- [+] TOUCH SCREEN (Includes enhanced system monitoring, pre-set and programmable function controls. As standard on FOCUS XD model.)
- [+] DUAL SPEED RESISTANCE JETS (Only with touch screen model)
- [+] FOCUS XD MODEL (High performance treadmill)

TECHNICAL SPECIFICATION

Maximum load	250kg (550lbs) assuming 50% weight bearing in water
Maximum water depth FOCUS	0 - 1200mm (48")
Maximum water depth FOCUS XD	0 - 1200mm (48")
Speed range FOCUS	0.2 - 11kph (0.12 - 7mph)
Speed range FOCUS XD	0.5 - 16kph (0.3-10mph)
Fill / empty times	Approx 3½ minutes to max depth
Temperature range	From ambient - 40°C (104°F)
Trainer dimensions (Excluding display)	L 1640mm (65") x W 880mm (71") x H 1650mm (65")
Complete system weight	
Dry	1050kg (2315 lbs)
Full	2850kg (6283 lbs)
Capacity	1800 litres (396 gals, 476 US gals)
Max distance between treadmill and plant equipment	10m (394")
Power FOCUS	400V 3 phase neutral and earth 50/60hz 30A per phase
Power FOCUS XD	400V 3 phase neutral and earth 50/60hz 40A per phase

PHYSIOTM





PRO-TRAINER

The Ultimate for Elite Sports

This Class 1 registered Medical Device is a deep water hydrotherapy treadmill. Designed to provide the benefits of HYDRO PHYSIO treadmills for larger athletes or patients who require higher water levels. This is particularly useful for upper body aquatic therapy or extra buoyancy.

PRO-TRAINER

The Ultimate Hydrotherapy System For Athletes



Platform coverings may vary from illustrated. Please check colour options when ordering. For more information see page 40.
Ramp not included as standard.

The PRO-Trainer system includes a treadmill chamber with platform (as shown), plant equipment and water storage tanks (sited in a separate plant room).

Minimum room sizes:



Minimum ceiling height: 2.5m

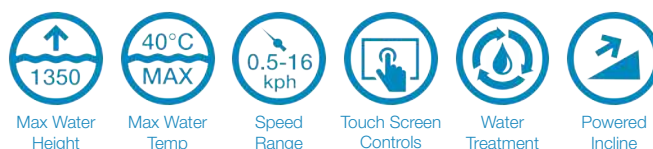
Minimum door height: 2m

Minimum door width: 1.3m

Minimum space required: 36m²

Minimum floor loading: 1750kg/m²

Equipment Features



Additional Options



FEATURES

- | | |
|---|--|
| [+] OUTWARD OPENING DOOR WITH PATENTED LATCH DEVICE | [+] OPERATOR PLATFORM |
| [+] ISO 13485 COMPLIANT | [+] CHEMICAL FEEDER |
| [+] MEDICAL GRADE STAINLESS STEEL CONSTRUCTION | [+] COMMERCIAL FILTRATION SYSTEM |
| [+] STRUCTURAL GLASS WITH 360° MONITORING | [+] TREADMILL SYSTEM MONITORING |
| [+] TOUCH SCREEN CONTROLS ON ADJUSTABLE SWIVEL ARM | [+] PRE-SET AND PROGRAMMABLE FUNCTION CONTROLS |
| [+] 2 X WATER STORAGE TANKS | [+] POWERED TREADMILL INCLINE (8% gradient) |

OPTIONS

- | | |
|--------------------------------------|----------------------------------|
| [+] DUAL SPEED RESISTANCE JETS | [+] WHEELCHAIR ACCESS RAMP |
| [+] MEDIA SCREEN | [+] CUSTOMISED PLATFORM |
| [+] ADDITIONAL HANDRAILS (Removable) | [+] BLUE LED UNDERWATER LIGHTING |
| [+] FOLD DOWN SEATING | [+] POOLSIDE VERSION |

TECHNICAL SPECIFICATION

Maximum load	250kg (550lbs) assuming 50% weight bearing in water
Maximum water depth	0 - 1350mm (53")
Speed range	0.5 - 16kph (0.3 - 10mph)
Fill / empty times	Approx 2½ minutes to max depth
Temperature range	From ambient - 40°C (104°F)
Trainer dimensions (Excluding display)	L 1900mm (75") x W 880mm (35") x H 1800mm (71")
Complete system weight	
Dry	1300kg (2866 lbs)
Full	3500kg (7716 lbs)
Capacity	2200 litres (484 gals, 581 US gals)
Max distance between treadmill and plant equipment	10m (394")
Power	400V 3 phase neutral & earth 50/60hz 40A per phase





LIFESTYLE

The Ultimate for Rehabilitation

LIFESTYLE is our pioneer aquatic therapy system and has become the ultimate hydrotherapy device. With all the benefits of the FOCUS, it also includes treadmill incline, resistance jets and enhancing underwater lighting as standard.

Panoramic visibility enhances the hydrotherapy experience and aids analysis. LIFESTYLE treadmills are being used throughout the world for positive patient results, post-operative rehabilitation, management of chronic conditions, sporting excellence and weight loss.

Confident in design with maximum functionality, the LIFESTYLE is registered in the UK as a Class 1 Medical Device.

LIFESTYLE is now available as XD, our high performance version, with an increased speed range of 0.5-16kph and a powered incline.

LIFESTYLE

The Ultimate Hydrotherapy System



Platform coverings may vary from illustrated.
Please check colour options when ordering. For more information see page 40.

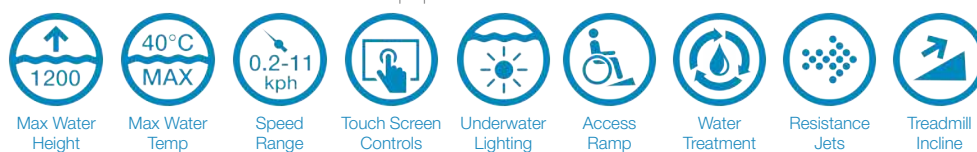
The LIFESTYLE system includes a treadmill chamber with platform and ramp (as shown), plant equipment and a water storage tank (sited in separate plant room).

Minimum room sizes:



Minimum ceiling height: 2.5m
Minimum door height: 2m
Minimum door width: 1m
Minimum space required: 32m²
Minimum floor loading: 1250kg/m²

Equipment Features



Additional Options



FEATURES

- | | |
|--|--|
| [+] OUTWARD OPENING DOOR WITH PATENTED LATCH DEVICE | [+] DUO OPERATOR PLATFORM WITH ACCESS RAMP |
| [+] ISO 13485 COMPLIANT | [+] CHEMICAL FEEDER |
| [+] MEDICAL GRADE STAINLESS STEEL CONSTRUCTION | [+] COMMERCIAL FILTRATION SYSTEM |
| [+] STRUCTURAL GLASS WITH 360° MONITORING | [+] DUAL SPEED RESISTANCE JETS |
| [+] TOUCH SCREEN CONTROLS ON ADJUSTABLE SWIVEL ARM | [+] TREADMILL SYSTEM MONITORING |
| [+] BLUE LED UNDERWATER LIGHTING | [+] PRE-SET AND PROGRAMMABLE FUNCTION CONTROLS |
| [+] CURVED GLASS SIDES (Not available on LIFESTYLE XD model) | [+] MANUAL TREADMILL INCLINE (5% gradient, only available on standard LIFESTYLE) |
| | [+] POWERED TREADMILL INCLINE (8% gradient, only available on LIFESTYLE XD) |
| | [+] REVERSIBLE BELT DIRECTION (Not available on LIFESTYLE XD model) |

OPTIONS

- | | |
|--------------------------------------|---|
| [+] MEDIA SCREEN | [+] CUSTOMISED PLATFORM |
| [+] FOLD DOWN SEATING | [+] POOLSIDE VERSION |
| [+] ADDITIONAL HANDRAILS (Removable) | [+] LIFESTYLE XD MODEL (High performance treadmill) |

TECHNICAL SPECIFICATION

Maximum load	250kg (550lbs) assuming 50% weight bearing in water
Maximum water depth LIFESTYLE	0 - 1200mm (48")
Maximum water depth LIFESTYLE XD	0 - 1200mm (48")
Speed range LIFESTYLE	0.2 - 11kph (0.12 - 7mph)
Speed range LIFESTYLE XD	0.5 - 16kph (0.3 - 10mph)
Fill / empty times	Approx 3½ minutes to max depth
Temperature range	From ambient - 40°C (104°F)
Trainer dimensions (Excluding display)	L 1675mm (66") x W 900mm (35") x H 1740mm (69")
Complete system weight	
Dry	1050kg (2315 lbs)
Full	2850kg (6283 lbs)
Capacity	1800 litres (396 gals, 476 US gals)
Max distance between treadmill and plant equipment	10m (394")
Power LIFESTYLE	400V 3 phase neutral & earth 50/60hz 30A per phase
Power LIFESTYLE XD	400V 3 phase neutral & earth 50/60hz 40A per phase



A vertical photograph on the left side of the page shows a man from the waist up, standing on a treadmill in a swimming pool. He is wearing a dark polo shirt and a white towel draped over his shoulders. He is holding onto a metal handrail of the treadmill. The water is a clear, light blue color.

FUSION

FREE STANDING

For Existing Pools

The addition of a free standing treadmill dramatically expands the functions of a pool to incorporate the advantages of upright hydrotherapy. Great for rehabilitation, or for improving mobility, fitness, confidence and wellbeing.

HYDRO PHYSIO FUSION Free Standing is a user friendly asset to any pool. The assistive treadmills can be utilised from very low speeds to aid disadvantaged or elderly users. Multiple installations within one pool can create a gym environment resulting in increased enthusiasm and fitness. The recommended water depth above belt is between 1.0m and 1.3m, dependent on proposed usage (this should be specified by physiotherapist/trainer). The FUSION Free Standing is registered in the UK as a Class 1 Medical Device.

FUSION Free Standing

Versatile Pool Treadmill for use in existing pools



Optional Touch Screen With Remote Control



Equipment Features



Speed
Range



Push Button
Controls

Additional Options



Touch Screen
Controls



Remote
Control

FEATURES

- [+] HANDRAILS TO FRONT AND SIDES
- [+] HEIGHT ADJUSTABLE FEET FOR LEVELLING
- [+] PUSH BUTTON CONTROLS
- [+] TREADMILL SYSTEM MONITORING
- [+] REVERSIBLE BELT DIRECTION
- [+] ISO 13485 COMPLIANT

OPTIONS

- [+] TOUCH SCREEN MODEL (Includes remote control, enhanced treadmill system monitoring, pre-set treadmill speeds, pre-set and programmable function controls)
- [+] JOCKEY WHEELS (For use with a movable floor)
- [+] SECOND TOUCH SCREEN CONTROL

TECHNICAL SPECIFICATION

Speed range	0.2 - 11kph (0.12 - 7mph)
Trainer dimensions (Including display)	L 1750mm (69") x W 935mm (37") x H 1790mm (70.5")
Training area	L 1215mm (48") x W 575mm (22.6")
Recommended water depth	1.0 - 1.3m (39 - 51")
Height of treadmill belt from pool floor	150mm (5.9")
Weight	200kg (441 lbs)
Max distance from main control panel to treadmill	10m (394")
Max distance from main control panel to operator panel	15m (590")
Power (17V AC Drive)	220/240V single phase 50/60hz 16A
Maximum load	250kg (Assuming 50% weight bearing in water)



FUSION

INTEGRATED

Tailor Made for Pools

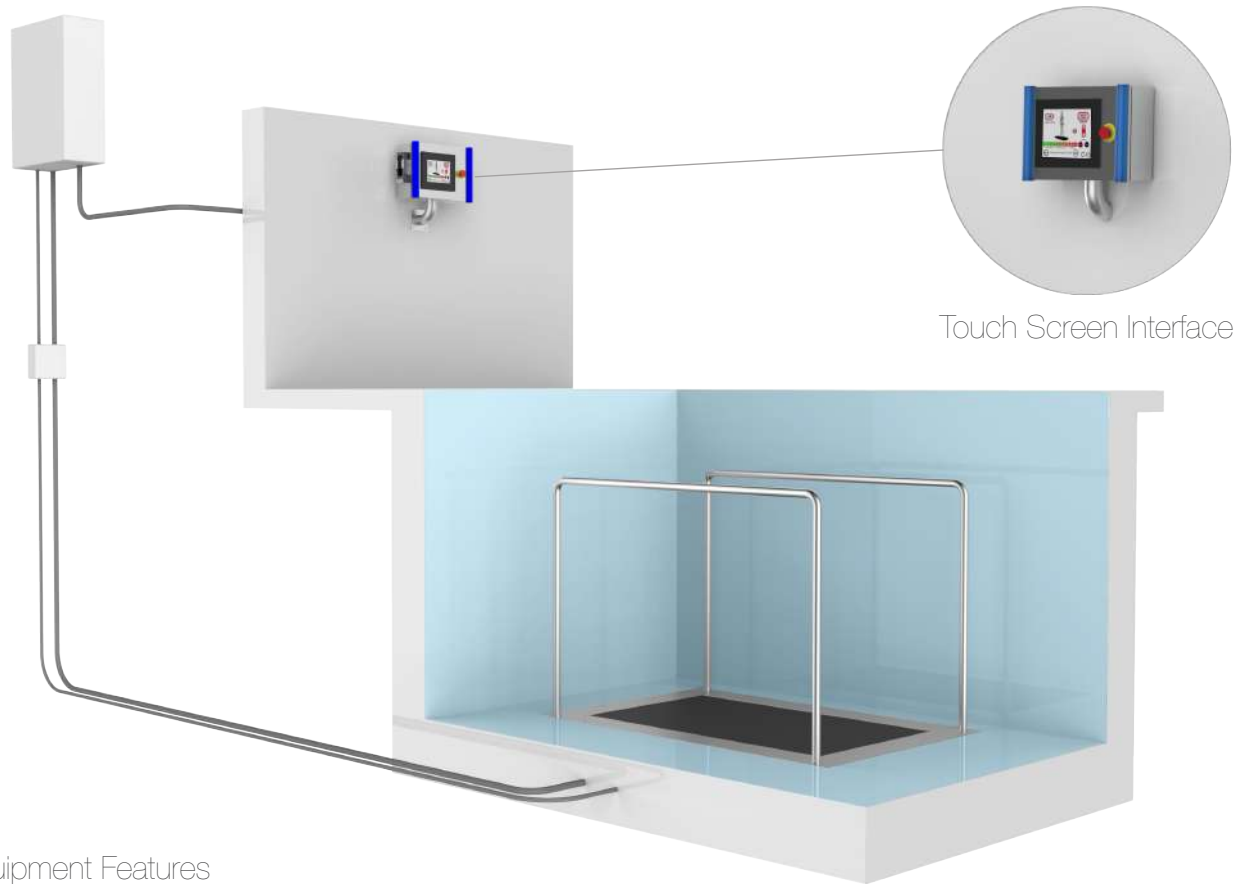
The FUSION Integrated pool treadmill is designed to be incorporated into new build pools. This model enables a wide variety of users to rehabilitate, improve fitness and mobility, whilst increasing confidence and wellbeing.

These treadmills are valuable additions to pool training environments and the option to have multiple installations within one pool facilitates group sessions.

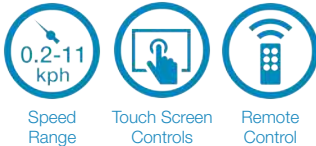
The treadmills can be incorporated into specifically designed pools. The recommended water depth above belt is between 1.0m and 1.3m, dependent on proposed usage (this should be specified by physiotherapist/trainer). The FUSION Integrated is registered in the UK as a Class 1 Medical Device.

FUSION Integrated

Tailored Pool Treadmill for Integration in New Build Pools



Equipment Features



Handrails not included as standard but available as an optional extra.

Movable floor versions available please contact HYDRO PHYSIO for details



FEATURES

- | | |
|---|---------------------------------|
| [+] TOUCH SCREEN POOLSIDE INTERFACE WITH REMOTE CONTROL | [+] SITS FLUSH WITH POOL FLOOR |
| [+] PRE-SET TREADMILL SPEEDS | [+] REVERSIBLE BELT DIRECTION |
| [+] PRE-SET AND PROGRAMMABLE FUNCTION CONTROLS | [+] TREADMILL SYSTEM MONITORING |
| | [+] ISO 13485 COMPLIANT |

OPTIONS

- | | |
|---------------------------------|---------------------------------------|
| [+] SECOND TOUCH SCREEN CONTROL | [+] REMOVABLE FRONT OR SIDE HANDRAILS |
|---------------------------------|---------------------------------------|

TECHNICAL SPECIFICATION

Speed range	0.2 - 11kph (0.12 - 7mph)
Treadmill pit dimensions	L 1750mm (69") x W 1200mm (47") x D 220mm (8.6")
Training area	L 1405mm (55") x W 855mm (34")
Recommended water depth	1.0 - 1.3m (39 - 51")
Weight	150kg (331 lbs)
Max distance from main control panel to treadmill	10m (394")
Max distance from main control panel to operator panel	15m (590")
Power (17V AC Drive)	220/240V single phase 50/60hz 16A
Maximum load	250kg (Assuming 50% weight bearing in water)



WELLBEING

THERAPY POOLS

For Rehabilitation & Relaxation

WELLBEING relaxation and therapy pools are self-contained systems with commercial filtration, providing the perfect setting for therapy and relaxation. The soothing properties of warm water and ambient underwater lighting combine to promote physiological wellbeing.

Alternatively, for cold water therapy, the pools can be adapted accordingly. WELLBEING Pools have seating and sufficient room for users to float. Massage jets and massage hoses are included within the pools.

The pools are floor standing and require no ground work preparation. With glass sides, the therapist feels close to patients and can monitor their progress.

Therapists use WELLBEING Pools for:

- Floatation
- Neurological conditions
- Pain relief
- Improved circulation
- Increased mobility
- Upper and lower limb therapy
- Physiological improvement
- Greater flexibility



WELLBEING Solo

Walk-In Therapy and Relaxation Pool



Platform coverings may vary from illustrated.
Please check colour options when ordering. For more information see page 40.

The WELLBEING Pool system includes therapy pool and plant equipment.

Minimum room sizes:



Minimum ceiling height: 2.5m

Minimum door height: 2m

Minimum door width: 1m

Minimum space required: 30m²

Minimum floor loading: 1250kg/m²

Equipment Features



Max Water
Height



Max Water
Temp



Fold Down
Seat



Water
Treatment



Push Button
Controls



Access
Ramp



Underwater
Lighting



Massage Jets
& Hose

Additional Options



Poolside
Option



Media
Screen

FEATURES

- [+] OUTWARD OPENING DOOR WITH PATENTED LATCH DEVICE
- [+] ISO 13485 COMPLIANT
- [+] MEDICAL GRADE STAINLESS STEEL CONSTRUCTION
- [+] STRUCTURAL GLASS WITH 360° MONITORING
- [+] COMMERCIAL FILTRATION SYSTEM
- [+] FOLD DOWN SEAT
- [+] PUSH BUTTON CONTROL PANEL ON ADJUSTABLE SWIVEL ARM
- [+] OPERATOR PLATFORM WITH ACCESS RAMP AND NON-SLIP FLOORING
- [+] CHEMICAL FEEDER
- [+] MASSAGE JETS AND HOSE
- [+] BLUE LED UNDERWATER LIGHTING
- [+] SUPPORT HANDRAILS

OPTIONS

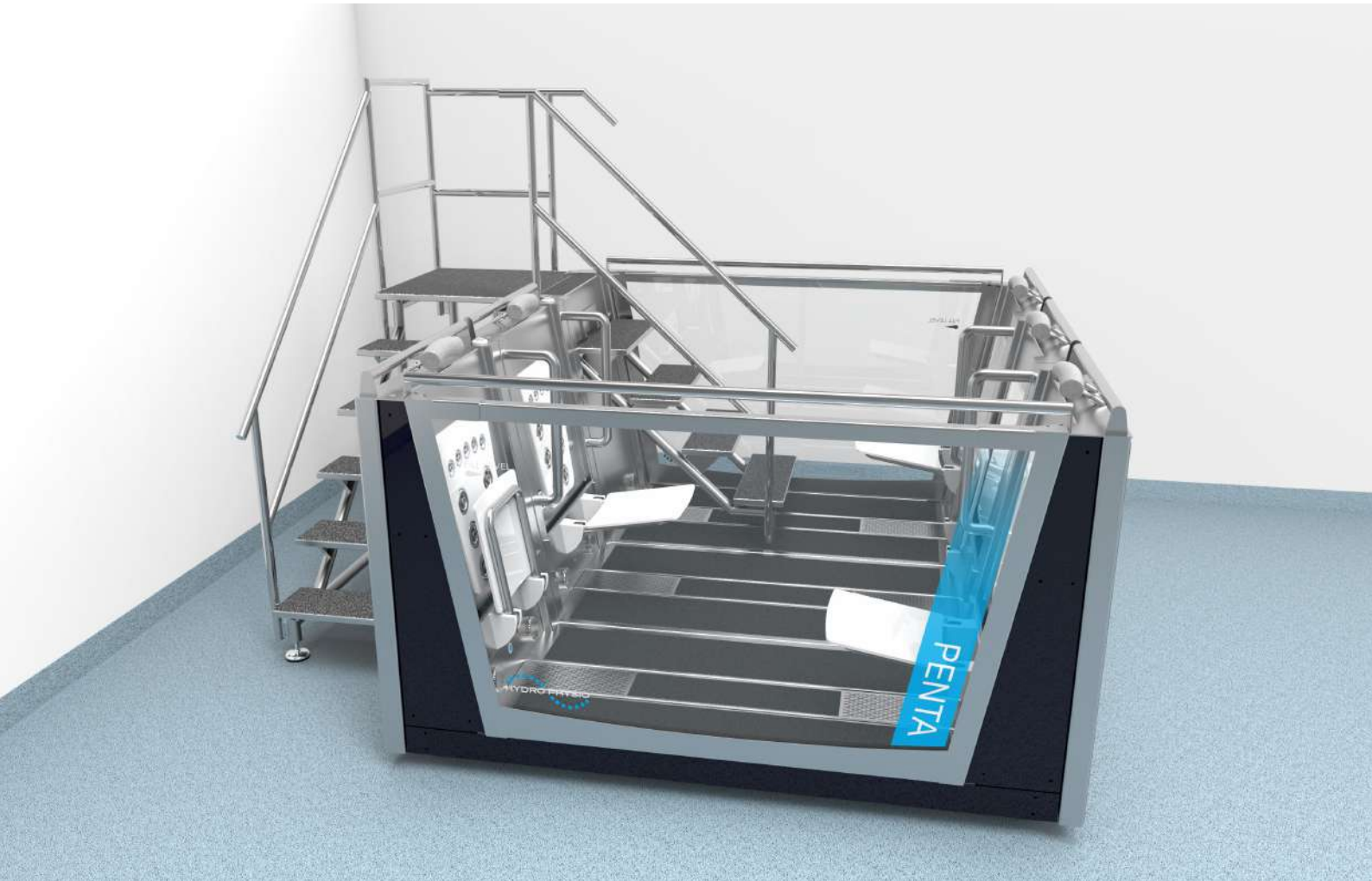
- [+] AVAILABLE AS A COLD WATER POOL
- [+] MEDIA SCREEN
- [+] ADDITIONAL HANDRAILS
- [+] POOLSIDE VERSION
- [+] CUSTOMISED PLATFORM
- [+] HYDRO CYCLE
- [+] STEP-UP STEPS

TECHNICAL SPECIFICATION

Maximum water depth	0 - 1300mm (52")
Fill / empty times	Approx 3½ minutes to max depth
Temperature range	From ambient - 40°C (104°F)
Trainer dimensions (Excluding display)	L 1640mm (65") x W 1000mm (39") x H 1600mm (63")
Complete system weight	
Dry	600kg (1323 lbs)
Full	2400kg (5292 lbs)
Capacity	1800 litres (396 gals, 476 US gals)
Max distance between treadmill and plant equipment	10m (394")
Power	415V 3 phase neutral and earth 50/60hz 21A per phase

WELLBEING Duo & Penta

Self-Contained Therapy and Relaxation Pools

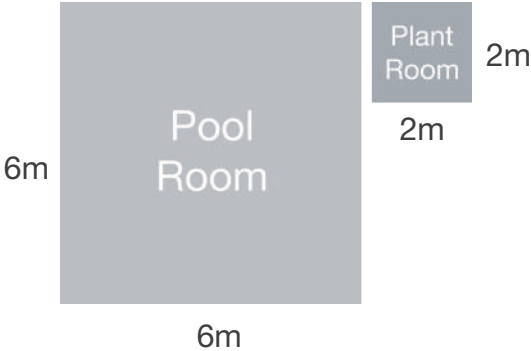


Platform coverings may vary from illustrated.
Please check colour options when ordering. For more information see page 40.

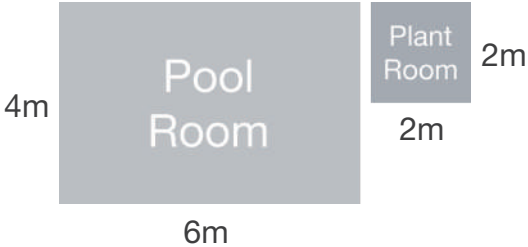
The WELLBEING Pool system includes therapy pool and plant equipment.

Minimum room sizes:

PENTA



DUO



Minimum ceiling height - Duo: 3.2m
- Penta: 3.2m

Minimum door height: 2.1m

Minimum door width: 1m

Minimum space required - Duo: 28m²
- Penta: 40m²

Minimum floor loading - Duo: 1250kg/m²
- Penta: 1250kg/m²

Equipment Features

Max Water Height

Max Water Temp

Massage Jets & Hoses

Underwater Lighting

Water Treatment

Fold Down Seating

FEATURES

- [+] MASSAGE JETS AND HOSES
- [+] BLUE LED UNDERWATER LIGHTING
- [+] WATER TREATMENT SYSTEM
- [+] ACCESS STEPS AND PLATFORM WITH HAND RAILING
- [+] FOLD DOWN SEATING FOR 2 OR 5 PEOPLE
(Dependant on model)
- [+] SUPPORT HANDLES
- [+] PANORAMIC VIEWING THROUGH GLASS SIDES
- [+] MODULAR CONSTRUCTION FOR EASE OF INSTALLATION
- [+] ISO 13485 COMPLIANT
- [+] NON-SLIP FLOOR COVERING ON STEPS AND POOL FLOOR

OPTIONS

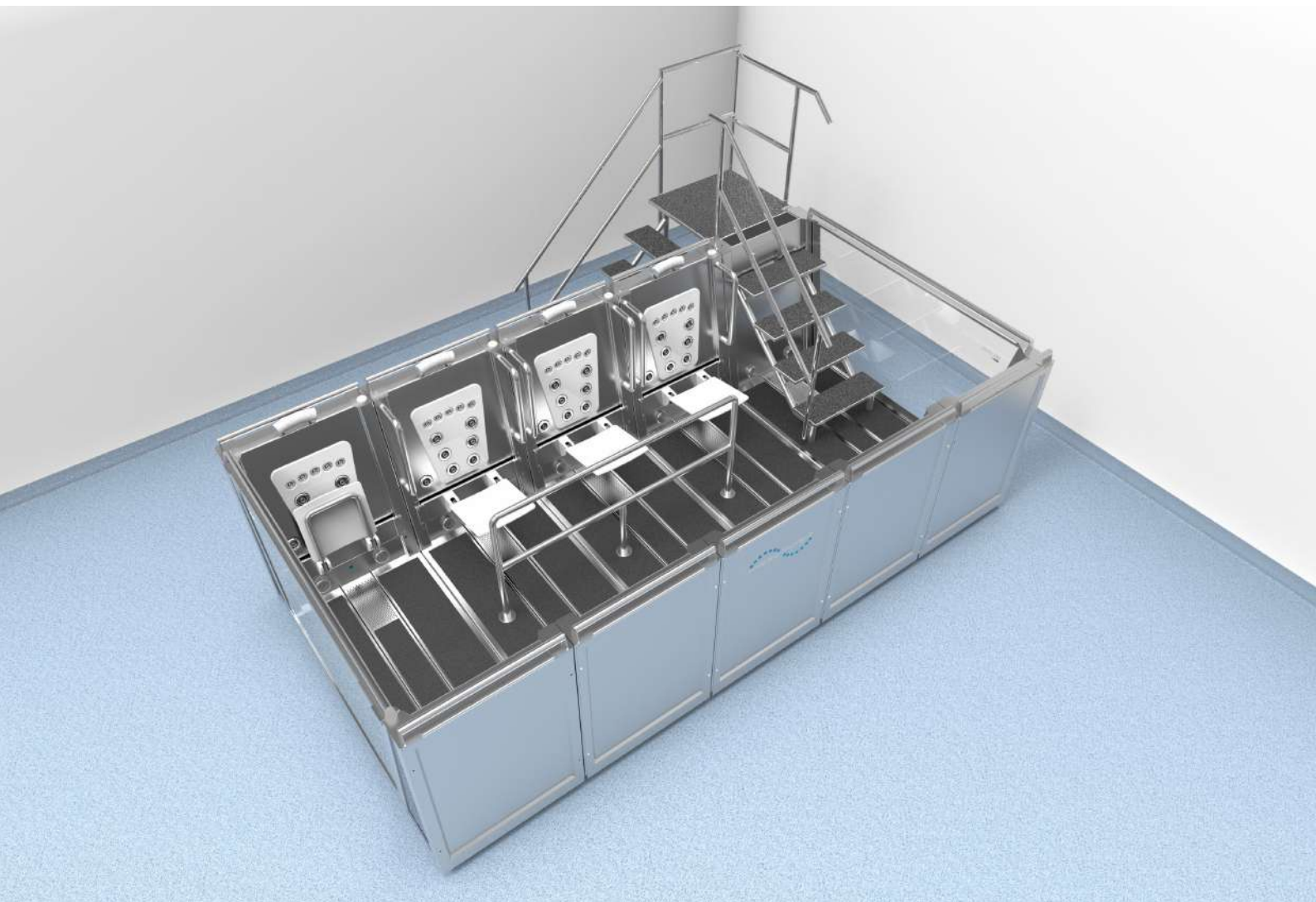
- [+] AVAILABLE AS A COLD WATER POOL

TECHNICAL SPECIFICATION

Maximum water depth	950mm (38")
Temperature range (Hot Pool)	From ambient - 40°C (104°F)
Minimum ceiling height required	3200mm
Power	415V AC 3 phase neutral 50/60Hz, 21A per phase
Duo dimensions	L 1760mm (69") x W 2300mm (91") x H 1290mm (51")
Duo weight	
Dry	900kg (1984 lbs)
Full	4400kg (9700 lbs)
Duo capacity	3500 litres (770 gals, 925 US gals)
Penta dimensions	L 2640mm (104") x W2300mm (91") x H1290mm (51")
Penta weight	
Dry	1200kg (2645lbs)
Full	6200kg (13669lbs)
Penta capacity	5000 litres (1100 gals, 1320 US gals)

WELLBEING Novo

Allows gentle walking and seated exercise



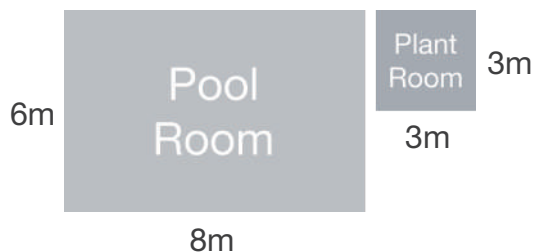
Platform coverings may vary from illustrated.

Please check colour options when ordering. For more information see page 40.

The WELLBEING Pool system includes therapy pool and plant equipment.

Minimum room sizes:

NOVO



Minimum ceiling height: 3.2m

Minimum door height: 2m

Minimum door width: 1m

Minimum space required: 57m²

Minimum floor loading: 1250kg/m²

Equipment Features



Max Water
Height



Max Water
Temp



Massage Jets
& Hoses



Underwater
Lighting



Water
Treatment



Fold Down
Seating

FEATURES

- [+] MASSAGE JETS AND HOSES
- [+] BLUE LED UNDERWATER LIGHTING
- [+] WATER TREATMENT SYSTEM
- [+] ACCESS STEPS AND PLATFORM WITH HAND RAILING
- [+] FOLD DOWN SEATING FOR 4 PEOPLE
- [+] SUPPORT HANDLES
- [+] PANORAMIC VIEWING THROUGH GLASS SIDES
- [+] MODULAR CONSTRUCTION FOR EASE OF INSTALLATION
- [+] ISO 13485 COMPLIANT
- [+] NON-SLIP FLOOR COVERING ON STEPS AND POOL FLOOR

OPTIONS

- [+] AVAILABLE AS A COLD WATER POOL
- [+] EXTRA SEATS (up to 9 total)
- [+] ADDITIONAL HANDRAIL

TECHNICAL SPECIFICATION

Maximum water depth	950mm (38")
Temperature range (Hot Pool)	From ambient - 40°C (104°F)
Minimum ceiling height required	3200mm
Power	415V AC 3 phase neutral 50/60Hz, 21A per phase
Dimensions	L 4412mm (174") x W 2300mm (91") x H 1290mm (51")
Weight	
Dry	1800kg (3968 lbs)
Full	10300kg (22708 lbs)
Capacity	8500 litres (1870 gals, 2246 US gals)



IMPORTANT INFORMATION & ANSWERS TO FREQUENTLY ASKED QUESTIONS

The HYDRO PHYSIO team work closely with architects, contractors and developers, providing the information and support required for a trouble free installation.

For free standing systems and retrofit treadmills the proposed installation site must be surveyed to determine suitability, when the following should be confirmed:

- Clear access from the point of delivery to the installation area
- The floor is capable of supporting the equipment (refer to specifications); a floor drain is recommended in the trainer area for LIFESTYLE, FOCUS and PRO-TRAINER systems
- Suitable power, water and drain services are available in the plant equipment area.

NOTE: Before orders can be confirmed a layout drawing would be provided by HYDRO PHYSIO for approval by the customer/ distributor.

WATER TREATMENT (FOR TREADMILL SYSTEMS AND POOLS)

HYDRO PHYSIO stand alone trainers and pools are fitted with an erosion type chemical feeder that eliminates the need for manually mixing or measuring chemicals.

Effective water management is extremely important.

The following chemicals are recommended for HYDRO PHYSIO treadmill systems and pools:

- Bromine tablets (if Chlorine is preferred, this must be advised at time of order placement)
- Sodium Hydrogen Sulphate – in granular form (for pH adjustment)

WATER RECYCLING & FILTRATION

Efficient use of water is a priority. HYDRO PHYSIO stand alone systems pump water from a storage tank to the exercise chamber and recycle back to the tank. Water is constantly filtered and heated and returned back to the storage tank after each use.

The (sand) filter maintains water clarity which, together with regular filter cleaning procedures, keeps water usage to a minimum. The water in the storage tank should be emptied and refreshed when water quality deteriorates. An indirect water supply is required to fill the water tank (via a hose).

DRAINAGE

The stand alone trainers and pool systems have the following drainage requirements:

- (i) A suitable size drain capable of taking the volume of water specified
- (ii) A floor drain in the vicinity of the treadmill chamber/pool (in case of spillage)

TOUCH SCREEN OR PUSH BUTTON

The touch screen interface is intuitive. Programmes and user profiles can be created, stored and recalled. Push button controls are simple to use and regulate all the basic elements of the treadmill. See models for available options.

FLOOR COVERING OPTIONS

The standard flooring colour in the treadmills and pools is black but other colours are available; colour chart available on request. This heavy duty flooring has a raised emboss, suitable for use in continually wet and barefoot areas.

POWER

Please refer to technical specification of individual models for power requirements.

FLOORS

For chamber treadmill systems and pools the floor should be checked and confirmed as being level, capable of bearing the load, of adequate strength and water resistant. Ideally the system components should all be on the same level (preferably ground floor), however it is possible to install the plant equipment below the trainer (but not above).

It is recommended that the plant equipment is sited in a separate room to the treadmill chamber.

For FOCUS, LIFESTYLE, PRO-TRAINER systems and WELLBEING pools: distance between treadmill chamber/pool and plant equipment must not exceed 10 metres. For minimum floor loading see individual specifications-.

For FUSION pool treadmills: distance between treadmill and main control panel must not exceed 10 metres, distance between main control panel and operator panel must not exceed 15 metres.

ACCESS

Unobstructed and level access is required, including adequate size doorways, to manoeuvre the equipment to the installation position.

MATERIALS USED

Medical Grade Stainless Steel EN1.4404 (316)

Structural Glass – BS EN 12160 Class 1

MANUFACTURING STANDARDS & MARKS

HYDRO PHYSIO systems are manufactured within an FDA registered facility, CE marked and comply with:

- BSI ISO 9001:2015
- BSI EN ISO 13485:2012

PATENTS & REGISTERED DESIGNS

- Community Design No. 000547070-0001
- US Design Patent No. D606 205
- US Patent No. 8 667 622
- EU Patent No. 1 850 825
- GB Patent Application No. 1616137-4

PATENTED SAFETY DOOR MECHANISM

HYDRO PHYSIO's unique patented outward opening door mechanism provides safe and easy accessibility for all levels of user capability.

WORLDWIDE RECOGNITION


Hundreds of HYDRO PHYSIO systems are in daily use around the world, improving the health and wellbeing of both humans and canines.

LESS WATER = MORE PROGRESS

HYDRO PHYSIO products are designed to meet the specific requirements of the therapist, using the minimum amount of water necessary to conduct efficient and cost effective hydrotherapy treatment, whether in treadmills or pools. Importantly, therapists can stand beside patients receiving treatment to offer reassurance and closer analysis. The ability to monitor speed, distance, temperature and water depth allows tailored therapy where improvement can be easily measured. Each step forward is progress!

SPECIFICATIONS

The specifications of the HYDRO PHYSIO treadmills and pools can change due to continual product development.

AQUATIC TREADMILL SYSTEMS		Access via outward opening door	Convenient access via steps	Maximum water depth	Recommended water depth above belt	Approximate fill and empty time	Treadmill speed	Maximum load -50% load bearing	
		Y	N	1.0m (39")	N	4 min	0.2-11kph (0.12-7mph)	200kg (441lbs)	
		Y	N	1.2m (48")	N	3.5 min	0.2-11kph (0.12-7mph)	250kg (550lbs)	
		Y	N	1.2m (48")	N	3.5 min	0.5-16kph (0.3-10mph)	250kg (550lbs)	
		Y	N	1.35m (53")	N	2.5 min	0.5-16kph (0.3-10mph)	250kg (550lbs)	
		Y	N	1.2m (48")	N	3.5min	0.2-11kph (0.12-7mph)	250kg (550lbs)	
		Y	N	1.2m (48")	N	3.5min	0.5-16kph (0.3-10mph)	250kg (550lbs)	
		N	N	N	1-1.3m (39-51")	N	0.2-11kph (0.12-7mph)	250kg (550lbs)	
		N	N	N	1-1.3m (39-51")	N	0.2-11kph (0.12-7mph)	250kg (550lbs)	
		Y	N	1.3m (51")	N	3.5min	N	N	
POOLS		N	Y	0.95m (38")	N	N	N	N	
		N	Y	0.95m (38")	N	N	N	N	
		N	Y	0.95m (38")	N	N	N	N	

STANDARD = **Y** OPTIONAL = **O** NOT AVAILABLE = **N** * = Only In Combination With Touch Screen Interface.

Jets	Stride length and water depth indicators	Pool side version	Erosion feeder chemical dosing	Push button interface	Touch screen interface	Second control screen	Remote control* (Fusion Touch screen only)	Deck including access ramp	Custom platform	Removable handrail	LED underwater lights	Front and side handrails	Removable fold down seat	Media screen*	Treadmill incline
O	Y	O	Y	Y	O	N	N	Y	O	O	O	Y	O	O	O
O	Y	O	Y	Y	O	N	N	Y	O	O	O	Y	O	O	O
O	Y	O	Y	Y	O	N	N	Y	O	O	O	Y	O	O	Y
O	Y	O	Y	N	Y	N	N	O	O	O	O	Y	O	O	Y
Y	Y	O	Y	N	Y	N	N	Y	O	O	Y	Y	O	O	Y
Y	Y	O	Y	N	Y	N	N	Y	O	O	Y	Y	O	O	Y
N	N	N	N	Y	O	O	Y	N	N	N	N	Y	N	N	N
N	N	N	N	N	Y	O	Y	N	N	O	N	O	N	N	N
Y	Y	O	Y	Y	N	N	N	Y	O	O	O	Y	Y	O	N
Y	N	N	Y	N	N	N	N	N	N	N	Y	Y	Y	N	N
Y	N	N	Y	N	N	N	N	N	N	O	Y	Y	Y	N	N

Factory-fitted options are subject to availability and extended delivery



Over 700 HYDRO PHYSIO Systems Improving Lives Worldwide




Utilised daily in a variety of environments, improving
the health and wellbeing of both humans and canines



Sold through our International Distributor Network.

Call us to get help planning your project with site surveys, layout design & installation.



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