



OCEANIC REHAB 203

Rehabilitation Treadmill (Standard Model)

Product Overview

The Oceanic REHAB 203 is a precision-engineered rehabilitation treadmill designed for slow and controlled gait training.

It combines a robust mechanical design with an 8×32 dot-matrix LED speed/time graph for clear visual feedback.

Ideal for stroke recovery, orthopedic rehabilitation, and neurological therapy centres.

Key Features

- LED display for speed, time and distance
 - 8×32 dot-matrix LED graph showing speed vs time trend
 - Low starting speed (0.3 km/h) with precise speed control
 - Forward & reverse walking for comprehensive gait training
 - Adjustable incline (up to 15 %) and optional decline module
 - Height-adjustable and width-adjustable side rails for all patients
 - Compatible with un-weighing system for body-weight support
 - Emergency stop switch and pulse-based auto-stop feature
 - AC motor with precise speed stability
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Technical Specifications

Parameter	Specification
Motor	2 HP AC (Continuous Duty)
Speed Range	0.3 – 10 km/h
Incline	Up to 15 % motorized incline
Belt Size	3500 mm × 475 mm
Set-up Dimensions	L 87" × W 30" × H 58"
Power Supply	220 V AC, 20 A, 50 Hz
Max User Weight	100 kg

Clinical Benefits

- Enables safe early mobility for post-stroke, post-fracture and neurological patients
- Facilitates task-specific training for gait re-education and balance restoration
- Reverse walking enhances muscle coordination and postural control
- Improves endurance and confidence through progressive speed targets
- Integrates with un-weighing system for partial body-weight support therapy

GUI & Safety Highlights

- Visual dot-matrix feedback of session progress
- Programmable speed profiles and protocol storage (12 programs)



OCEANIC FITNESS PVT. LTD.

WHY GYM/FITNESS TREADMILL IS NOT ACCEPTABLE IN REHABILITATION CENTRES

FITNESS TREADMILL vs REHABILITATION TREADMILL

Parameter	Fitness Treadmill	Rehabilitation Treadmill
Purpose	Fitness, cardio, weight loss	Medical rehabilitation & gait recovery
Target Users	Healthy individuals	Patients with mobility impairment
Design Focus	Speed & performance	Safety, precision & recovery
Starting Speed	1–2 km/h	Ultra-low: 0.3 km/h
Low-Speed Control	Limited accuracy	Highly stable & precise
Speed Transitions	Standard	Very smooth, micro-incremental
Maximum Speed	High (16–22 km/h)	Moderate, therapy-oriented
Incline Use	Workout intensity	Therapeutic load progression
Reverse Walking	Not standard	Supported for neuro rehab
Deck Type	Fitness grade	Shock-absorbing rehab grade
Entry Height / Access	Normal step-up	Low entry with step
Handrails	Minimal / front only	Heavy-duty rails on both sides
Emergency Stops	Single user stop	Multiple stops
Fall Protection	Not designed	Designed to prevent/manage falls
Body Weight Support	✗ Not compatible	☑ Compatible
Unweighing System	✗ Not compatible	☑ Compatible
Gait Analysis Support	✗ Not compatible	☑ Compatible
Sensor Integration	✗	☑ (load cells, HR, IMU, etc.)
Therapist Control	Not required	Dedicated therapist interface
Protocol Customization	✗	☑
Session Duration	Short/moderate	Long, repetitive clinical use
Duty Cycle	Intermittent	Continuous medical duty
Motor Control	Fitness open-loop	Closed-loop, high torque at low speed
Noise & Vibration	Noticeable at low speed	Very low
Asymmetric Gait Handling	Not designed	Designed for asymmetric gait
Clinical Applications	✗	☑ Ortho, Neuro, Cardiac, Geriatric
Elderly / Post-Surgery Use	Not suitable	Fully suitable

Parameter	Fitness Treadmill	Rehabilitation Treadmill
Data Logging	Basic workout data	Clinical session data
Fail-Safe & Redundancy	Basic	Medical-grade multi-layer safety
Power Failure Response	Abrupt stop possible	Controlled safe stop
Regulatory Category	Consumer fitness equipment	Medical rehabilitation equipment
Typical Installation	Gym / Home	Hospital / Rehab / Sports clinic
Tender Acceptance	Often rejected	Specifically required
Overall Role	Improves fitness	Restores safe walking ability

A REHABILITATION TREADMILL IS A MEDICAL DEVICE ENGINEERED FOR CONTROLLED, ASSISTED, AND CLINICALLY SUPERVISED RECOVERY WHEREAS A FITNESS TREADMILL IS A CONSUMER WELLNESS PRODUCT



OCEANIC REHAB 203 – Rehabilitation Treadmill