

CT CARDIO SERIES

CT50 - COMMERCIAL TREADMILL



PRODUCT OVERVIEW

The CT50 is a professional-grade commercial cardio unit that combines durability with cost efficiency. With a clean, modern design, it is well-suited for commercial gyms, 24 hours clubs, and personal training studios.

Its frame is built from high-strength steel, supporting a maximum user weight of 180 kg. Tested with over 100,000 fatigue cycles, it is engineered to withstand continuous, high-frequency use around the clock. The treadmill is powered by a 3.0HP continuous-duty commercial motor, delivering up to 7.0HP peak power. Combined with 88mm commercial-grade rollers, it ensures smoother power output and extended service life.

The console features a 15.6-inch high-brightness LED acrylic display, supporting multiple training modes and virtual running scenarios while tracking key workout data—enhancing both engagement and personalization. The running deck incorporates an advanced shock absorption system, significantly reducing stress on the knees and improving overall training safety.

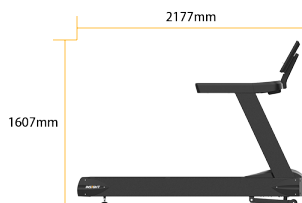
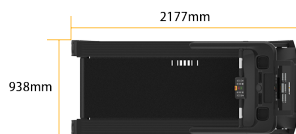
Additional user-centric features include motion-sensing with auto-standby, a 15W wireless charging station with anti-slip and smart foreign-object detection, ergonomically shaped non-slip handrails, intuitive touch shortcut keys, and dual high-output cooling fans—all designed to improve usability, comfort, and safety.

By striking the right balance between reliability and user experience, the CT50 offers a cost-effective yet high-performing solution for the commercial fitness market.

SPECIFICATIONS & KEY FEATURES

Specifications

Dimensions (L × W × H)	2177mm×938mm×1607mm
Packaging Dimensions	2200mm×960mm×503mm
Gross Weight / Net Weight	248/190kg
Maximum User Weight	180kg
Motor Power	rated power 3HP, maximum peak power: 7HP
Output Voltage	AC220V, 50Hz
Screen Type	15.6-inch LED Console with High-Brightness Acrylic Panel
Screen Material	Acrylic
Dot Matrix Window	5 LED windows + 16×8 dot matrix
Display Information	Time, Distance, Steps, Calories, Speed, Incline, Heart rate, Program modes, Fault diagnosis
Speed Range	0-20km/h
Speed Levels	3、6、9km/h
Incline Range	0-15%
Incline Levels	4%、8%、12%
Running Belt Thickness	2.5mm
Running Area Size	570*1550mm
Running Board Thickness	25mm
Running Deck Height	250mm
Quick Access Keys	Speed adjustment, incline adjustment
Training Modes	Quick start, program modes [7 preset training programs]
Emergency Stop Switch Style	Pull-cord type
Safety Key	Yes
Energy-Saving Function	Motion sensor with auto-standby
Charging Function	Wireless charging
Cup Holder	Yes
Phone Holder	Yes
Fan	Yes
Bluetooth	Optional
WIFI	Optional



Product Features



Premium Commercial Quality

Built with a high-strength steel frame, supporting up to 180kg. Tested over 100,000 fatigue cycles to ensure long-term, 24/7 durability under heavy use.



Powerful & Stable Drive System

Equipped with a 3.0HP continuous-duty motor and 7.0HP peak output, paired with an 88mm commercial-grade roller for smoother performance and extended lifespan.



Immersive Training Experience

Features a 15.6-inch high-brightness LED display with multiple training modes and virtual running scenarios, combined with user data tracking to add variety and personalization.



Enhanced User Protection

Insight's proprietary shock absorption technology significantly reduces impact on the knees. Combined with motion sensing and auto-standby, workouts are safer.



User-Friendly Design

15W wireless charging area, anti-slip handles, quick-access keys, and a built-in fan ensure a comfortable and convenient training experience.