





Catalogue CT770-EN November 2004

It is possible to find the products contained in this Catalogue in the CD-ROM CT770-EN.

You can ask for it at a RAM dealer near you.









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RAM other catalogues

RAM 660

Cycle ergometers Ordering codes:

Italian CT660-IT English CT660-EN German CT660-DE



Trademarks



General catalogue

RAM instruments and spare parts

Ordering codes:

ItalianCTGRAM-ITEnglishCTGRAM-ENGermanCTGRAM-DE





Occupational medicine catalogue

Ordering codes:

Italian CTMDL-IT English CTMDL-EN German CTMDL-DE



RAM OCCUPATIONAL

RAM 2001

Ordering codes:

Italian CT2001-IT English CT2001-EN German CT2001-DE





Sports medicine catalogue

Ordering codes:

ItalianCTMDS-ITEnglishCTMDS-ENGermanCTMDS-DE



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Occupational medicine, new solutions

Ordering codes:

2

Italian CTNS-IT
English CTNS-EN
German CTNS-DE



Welcome to the world of RAM treadmills

Dear Customer,

We are glad to welcome you to the world of RAM Treadmills.

Our products are renowned worldwide; throughout the years customers have learned to appreciate them for their high quality standards and their technical excellence. This did not happen by chance as our products have been constantly improved and upgraded for the past 30 years since we have been in business.

The following pages will introduce you to the world of RAM Treadmills. We welcome the opportunity to be able to talk about and discuss our products directly with you and through our authorized dealers.

We greatly appreciate your interest in our products and any suggestions you may have.











RAM 770 series



The RAM 770 line of treadmills was designed to be used in the field of medical exercise testing and for fitness.

The RAM 770 M and RAM 770 CE models are ideal for performance and clinical exercise tests and cardiac rehabilitation programs.

The RAM 770 S and RAM 770 F models are perfect to meet the requirements of Sports Medicine where high performance is expected both in terms of speed and length of exercise. At the same time they have obtained great appreciation in fitness and health clubs.

Quiet operation

After years of research and lab tests we are now able to guarantee a quiet operation, which represents one of the strongholds of the RAM 770 line of treadmills.

Speed Controls

The connection of a static frequency inverter to an asynchronous motor designed by RAM, results in accurate speed controls in increments or decrements of 0.1 Km/h (0.1 mph).

Zero starting speed

Precise accelerations and decelerations, at zero starting speed.

Impact

The impact on the foot of the jogger has been accurately studied to obtain a balanced shock absorption; neither too rigid nor too soft.

Running on deck

Professional athletes have been testing the RAM treadmills for years and for countless hours so that we have been able to design a shock absorption system that gives joggers the same sensation as if they were running on a track. Once an athlete begins a training program on a RAM 770 treadmill he or she will never switch treadmills again.

Dual stop switches

The two safety stop switches are positioned in such a way that both the treadmill user and the test observer have immediate access to them.



Ball-joint tail legs

No treadmill has ever reached the shock absorption capability and the sturdiness guaranteed by the unique leg design of the RAM 770 line.



RAM 770 series

Head double rollers

They guarantee steadiness to the front of the treadmill.



V Joint

The V joint of the belt was designed to eliminate all noises and vibrations caused by the passage of the joint over the rollers.



Lubrication free

All models of the RAM 770 line do not need any lubrication. Years ago the RAM research labs have patented a friction-free scrolling system that eliminates the need of periodic lubrication.

Serial port

All models of the RAM 770 line feature a RS232 serial port to be connected and compatible to most exercise testing systems.

Frame

Specifically designed to leave the jogger ample room for movement. Particularly sturdy and very steady thanks to the material employed and the small distance between the deck and the floor.



Belt Thickness

The wide thickness (2.7 mm) of the treadmill rolling belt guarantees cushioning and safety while at the same time increasing the life of the belt itself.

Side handrails

The experience gained through the years in the field of rehabilitation and diagnosis resulted in the design of the treadmill side handrails shaped to move downward toward the tail of the walking surface.



RAM 770 M



RAM 770 M is the most used model of the series in Exercise Test applications. There is no need for a console, because it is directly controlled by the Exercise Testing System.

Dimensions: 208 cm length (81.89") 82.5 cm width (32.48")

127.5 cm height(*) (50.20")

(*) with treadmill at zero inclination

Running surface: 50 X 150 cm (19.68"x59.06")

Distance of running surface from the floor: 25 cm. (9.84")

Maximum distance of handrails

from the running surface: 102.5 cm (40.35")

Weight: 173 kg (384.44 lbs)

Maximum user capacity: 170 kg (377.78 lbs)

Speed range: 0 -19.3 km/h (0 - 12 mph)

Speed increments: 0.1 km/h (0.1 mph)

Incline range: 0 - 25 %

Incline increments: 0.5 %

Speed motor: Asynchronous three phase 2.2 HP (nominal power)

Elevation motor: 150 watt AC (nominal power)

Running belt: Soft anti-static

Thickness 2.7 mm. (0.11")

Colours: Surfaces: white Handrails: grey

Belt: black

Safety devices: No. 2 (two) red stop switches (left and right).

Classification

- 1) Protection against electrical hazard:
 - Class I device
- 2) Protection against direct or indirect contacts:
 - Type B device
- 3) Protection against water penetration:
 - Common device IPXO
- 4) Safety level against air and oxygen flammable:
 - Not protected
- 5) Utilization
 - Continuous operation

Warnings:

A light indicates the connection to the mains.

Data Input/Output:

Serial port: RS232 asynchronous

Connector: DB9 F Baud rate: 4800 bps

Operation: Remote device interface

The treadmill 770 M must be connected to devices in compliance

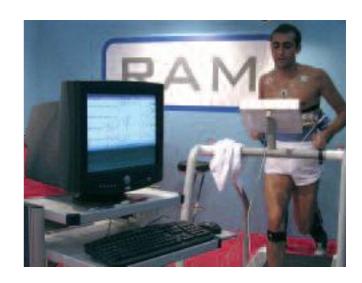
with the EN 60950 standards only.

Power supply	Standard	Optional
Voltage	230 V∼, 50 - 60 Hz	115 V~, 50 - 60 Hz
Power	1.5 KVA	1.5 KVA
Peak power	5.0 KVA	5.0 KVA
Current	6.5 A	13 A
Peak current	22 A	44 A
Fuses	aR 10A x 2 600 V cylindrical 10 x 38	aG 20A x 2 500 V cylindrical 10 x 38
Power supply cord	not separable, 2P+T, 3x2.5 mm², length 3.5 m	not separable, 2P+T, 3x4 mm², length 3.5 m



Nowadays the 770 M model is employed with the most widely used Exercise Testing Systems worldwide.

RAM will provide upon request the connection and the transmission protocol specifications.



RAM 770 CE



RAM 770 CE is the standard model of the 770 series.

This model features a control console which allows stand-alone operations.

This model however, can be controlled by a remote computer connected to its serial port.

Dimensions: 208 cm length (81.89") 82.5 cm width (32.48")

146 cm height(*) (57.48")

(*) with treadmill at zero inclination

Running surface: 50 X 150 cm (19.68"x59.06")

Distance of the running surface from the floor: 25 cm. (9.84")

Maximum distance of the handrails

from the running surface: 102.5 cm (40.35")

Weight: 174 kg (386.67 lbs)

Maximum user capacity: 170 kg (377.78 lbs)

Speed range: 0 - 20 km/h (0 - 12.4 mph)

Speed increments: 0.1 km/h (0.1 mph)

Incline range: 0 - 25 %

Incline increments: 0.5 %

Speed motor: Asynchronous three phase 2.2 HP (nominal power)

Elevation motor: 150 watt AC (nominal power)

Running belt: Soft anti-static

Thickness 2.7 mm. (0.11")

Colours:Surfaces: white Handrails: grey

Belt: black

Safety devices: No. 2 (two) red stop switches (left and right).

Classification

- 1) Protection against electrical hazard:
 - Class I
- 2) Protection against direct or indirect contacts:
 - Type B applied part
- 3) Protection against water penetration:
 - Common device IPXO
- 4) Safety level against air and oxygen flammable:
 - Not protected
- 5) Utilization
 - Continuous operation

Warnings:

A light indicates the connection to the mains.

Data Input/Output:

Serial port: RS232 asynchronous

Connector: DB9 F Baud rate: 4800 bps

Operation: Remote device interface

The treadmill 770 CE must be connected to devices in compliance

with the EN 60950 standards only.

Power supply	Standard	Optional
Voltage	230 V∼, 50 - 60 Hz	115 V~, 50 - 60 Hz
Power	1.5 KVA	1.5 KVA
Peak power	5.0 KVA	5.0 KVA
Current	6.5 A	13 A
Peak current	22 A	44 A
Fuses	aR 10A x 2 600 V cylindrical 10 x 38	aG 20A x 2 500 V cylindrical 10 x 38
Power supply cord	not separable, 2P+T, 3x2.5 mm², length 3.5 m	not separable, 2P+T, 3x4 mm², length 3.5 m

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Control console Mod. 881 A

General Description

Microprocessor based electronic control console. Large backlit LCD display dim. 4.2 x 12.2 cm (1.65x4.8"). Height of displayed characters: 1 cm (0.4"). Simple, intuitive and sequential operation.

The LCD display shows in real time:

- SPEED (km/h or mph)
- ELEVATION (% grade)
- TOTAL DISTANCE (Km or fractions of km; miles or fractions of miles)
- ELAPSED TIME (hour min. sec.)
- VO2, METS, CALORIES/ MINUTE (inserting patient weight)
- CUMULATIVE CALORIES (inserting patient weight).

Operating Modes

• MANUAL: You can modify speed and elevation by pressing a button.

 AUTOMATIC: An exercise protocol (which is a sequence of stages) is carried out automatically.
 You can store in the memory up to 30 protocols each consisting of 16 stages. The protocols may be deleted or modified by the user.

Recovery function

Pushing the stop key once you will reduce the speed by 50%.

Pushing the stop key one more time will stop the belt.

Reset function

Pushing the reset key, will zero all the displayed values while the treadmill speed and incline will go to zero gradually.

Remote operation mode

The control console is provided with a RS 232 serial port. Through this port the treadmill can be controlled by a remote computer or exercise testing system.

RAM 770S



Higher performances can be obtained using the model 770 S.

This model has been designed for use in sports medicine centers where very heavy and long workouts are required.

The 770 S features a control console which allows stand-alone operation. This model however, can be controlled by a remote computer connected to its serial port.

Dimensions: 230 cm length (90.55") 82.5 cm width (32.48")

146 cm height(*) (57.48")

(*) with treadmill at zero inclination

Running surface: 50 X 172 cm (19.68"x67.71")

Distance of the running surface from the floor: 25 cm. (9.84")

Maximum distance of the handrails

from the running surface: 102.5 cm (40.35")

Weight: 220 kg (488.89 lbs)

Maximum user capacity: 200 kg (444.44 lbs)

Speed range: 0 - 25 km/h (0 - 15.5 mph)

Speed increments: 0.1 km/h (0.1 mph)

Incline range: 0 - 22 %

Incline increments: 0.5 %

Speed motor: Asynchronous three phase 3 HP (nominal power)

Elevation motor: 150 watt AC (nominal power)

Running belt: Soft anti-static

Thickness 2.7 mm. (0.11")

Colours: Surfaces: grey Handrails: black

Belt: black

Safety devices: No. 2 (two) red stop switches (left and right).

Classification

- 1) Protection against electrical hazard:
 - Class I
- 2) Protection against direct or indirect contacts:
 - Type B applied part
- 3) Protection against water penetration:
 - Common device IPXO
- 4) Safety level against air and oxygen flammable:
 - Not protected
- 5) Utilization
 - Continuous operation

Warnings:

A light indicates the connection to the mains.

Data Input/Output:

Serial port: RS232 asynchronous

Connector: DB9 F Baud rate: 4800 bps

Operation: Remote device interface

The treadmill 770 S must be connected to devices in compliance

with the EN 60950 standards only

Power supply	Standard	Optional
Voltage	230 V∼, 50 - 60 Hz	115 V∼, 50 - 60 Hz
Power	2.2 KVA	2.2 KVA
Peak power	7.5 KVA	7.5 KVA
Current	10 A	20 A
Peak current	34 A	68 A
Fuses	aR 16A x 2 600 V cylindrical 10 x 38	aG 32A x 2 500 V cylindrical 10 x 38
Power supply cord	not separable, 2P+T, 3x2.5 mm², length 3.5 m	not separable, 2P+T, 3x4 mm², length 3.5 m



Control Console Mod. 881 A

General description

Microprocessor based electronic control console. Large backlit LCD display dim. 4.2 x 12.2 cm (1.65x4.8"). Height of displayed characters: 1 cm (0.4"). Simple, intuitive and sequential operation.

The LCD display shows in real time:

- SPEED (km/h or mph)
- ELEVATION (% grade)
- TOTAL DISTANCE (Km or fractions of km; miles or fractions of miles)
- ELAPSED TIME (hour min. sec.)
- VO2, METS, CALORIES/ MINUTE (inserting patient weight)
- CUMULAIVE CALORIES (inserting patient weight).

Operating modes

• MANUAL: You can modify speed and elevation by pressing a button.

• AUTOMATIC: An exercise protocol (which is a sequence of stages) is carried out automatically. You can store in the memory up to 30 protocols each consisting of 16 stages. The protocols may be deleted or modified by the user.

Recovery function

Pushing the stop key once you will reduce the speed

Pushing the stop key one more time will stop the belt.

Reset function

Pushing the reset key, will zero all the displayed values while the treadmill speed and incline will go to zero gradually.

Remote operation mode

The control console is provided with a RS 232 serial port. Through this port the treadmill can be controlled by a remote computer or exercise testing system.

RAM 770 F



RAM 770 F is the designer model of the series. It is both attractive and smart.

Ideal for use in the field of sports medicine and for fitness applications.

It features a multifunctional, wide control console and short handrails.

Dimensions: 230 cm length (90.55") 87.5 cm width (34.45")

153.5 cm height(*) (60.43")

(*) with treadmill at zero inclination

50 X 172 cm (19.68"x67.71") Running surface:

Distance of the running surface from the floor: 25 cm. (9.84")

Maximum distance of the handrails

from the running surface: 91.2 cm (35.9")

Weight: 220 kg (488.89 lbs)

200 kg (444.44 lbs) Maximum user capacity:

0 - 25 km/h (0 - 15.5 mph) Speed range:

0.1 km/h (0.1 mph) Speed increments:

Incline range: 0 - 22 %

Incline increments: 0.5 %

Asynchronous three phase 3 HP (nominal power) Speed motor:

Elevation motor: 150 watt AC (nominal power)

Soft anti-static Running belt:

Thickness 2.7 mm. (0.11")

Colours: Surfaces: blue, grey, fuchsia pink

Handrails: grey

Belt: black

Safety devices: N. 2 (two) red stop switches (left and right).

Classification

- 1) Protection against electrical hazard:
 - Class I
- 2) Protection against direct or indirect contacts:
 - Type B applied part
- 3) Protection against water penetration:
 - Common device IPXO
- 4) Safety level against air and oxygen flammable:
 - Not protected
- 5) Utilization
 - Continuous operation

Warnings:

A light indicates the connection to the mains.

Data Input/Output:

Serial port: RS232 asynchronous

Connector: DB9 F Baud rate: 4800 bps

Operation: Remote device interface

The treadmill 770 F must be connected to devices meeting the EN

60950 standards only.

Power supply	Standard	Optional
Voltage	230 V∼, 50 - 60 Hz	115 V∼, 50 - 60 Hz
Power	2.2 KVA	2.2 KVA
Peak power	7.5 KVA	7.5 KVA
Current	10 A	20 A
Peak current	34 A	68 A
Fuses	aR 16A x 2 600 V cylindrical 10 x 38	aG 32A x 2 500 V cylindrical 10 x 38
Power supply cord	not separable, 2P+T, 3x2.5 mm², length 3.5 m	not separable, 2P+T, 3x4 mm², length 3.5 m



Control Console Mod. 991 A

General Description

Microprocessor based programmable control console. It features 3 different types of displays:

- Marquee alphanumeric LED (Light Emitting Diodes) display. Row of 14 green light characters 2.5 cm high (1") to inform the user during the workout about the real time calculation of his metabolic data and heart rate.
- LED dot matrix displays 14 X 15 bright, 3-colours LED (Light Emitting Diodes) graphic display. It shows the trend of the exercise, in terms of speed, elevation, time, and position through histograms and graphs.
- Numerical displays show the following parameters in real time:
- SPEED (km/h or mph)
- ELEVATION (% grade)
- TOTAL DISTANCE (Km o fractions of km; mile or fractions of mile)
- ELAPSED TIME (sec min hour) or COUNTDOWN to the completion of the exercise.

Operation modes

Quick Start: Allows a quick start of the exercise.

Manual: You can modify speed and elevation by pressing a button. Display of the metabolic data by prior insertion of: weight, age and sex.

Automatic: An exercise protocol (which is a sequence of

stages) is carried out automatically. Possibility of:

- Seven pre-set special protocols;
- Other ten user-modifiable protocols.

Cool Down Function

By means of this function the exercise may be terminated in a minute time, slowing down speed and inclination gradually.

Pause Function

By pushing the PAUSE button, you can interrupt and resume the exercise at your pleasure.

In this case the exercise will gradually resume the same stage level it was when paused.

Clock

By pressing the HOUR button, the time in hours, minutes and seconds will display on the console.

User capacity

By pushing the WEIGHT button (optional), it is possible to check the weight of the user on the display.

Remote operation mode

The control console is provided with a RS 232 serial port. Through this port the treadmill can be controlled by a remote computer or stress testing system.

Standard accessories

The RAM 770 series treadmills feature the following standard accessories:

1 No. 2 fuses

2 No. 3 Allen Wrenches (ch3, ch4, ch8)

3 No. 1 wrench (13)

4 No. 1 spray RAMWAX 80/20

5 No. 1 Serial Cable RS232

6 No. 1 User Manual

7 No. 2 Screws (for angular covers fastening)

8 No. 1 CD ROM containing Tap_Tst software



Tap_Tst software

The software Tap_Tst (RAM 770CE RS232 checker) is used to verify the treadmill response to commands of speed and elevation coming from the RS232 serial port.



Optional accessories

Safety lanyard switch

A safety lanyard worn around the chest while exercising features a pin that can be inserted to a switch jack. Once the user moves further behind than normal from the central position of the belt or stumbles, the pin disconnects from the jack activating the off switch. At this point the treadmill stops, guaranteeing the safety of the jogger.

POLAR heart rate monitor

(POLAR is a registered trademark of PolarElectro OY - Finland) A chest strap heart rate sensor (transmitter) is placed on the jogger's chest; it sends a heart rate signal to a small smart card (receiver) positioned on the front safety bar of the treadmill.

This allows for the heart rate to be under constant check during the exercise.

Nota Bene: This optional accessory does not feature any connectors to the RAM 770 line of products.

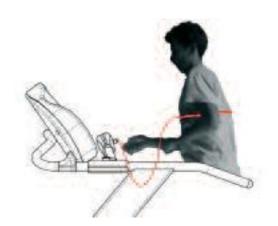
R A M Serial Tester Mod. 70 A

The RAM Serial Tester is like a remote control unit, which allows for the opportunity to remotely raise the incline and/or the speed of the deck and rolling belt. It can be used to check on equipment and for troubleshooting as the treadmill reacts to the remote signals and commands.

If the treadmill performs as expected then we can ascertain that any malfunction is not related to the machine and we can check for problems with the Exercise Testing System and its software or in the system of transmission itself.

Pediatric Bars

The RAM 770 M and RAM 770 CE models can be equipped with bars that are designed for children. These bars were designed to take into account the small size of children, guaranteeing the safety of the supports during these particular testing conditions and allowing adults to use the treadmill without any difficulties as well.









Summary table

Selection and ordering table

The selection and ordering table shown below is useful for customers to be able to select at a glance the right treadmill with the desired features and accessories.

Model	Power	Speed motor	Running surface	Speed (min - max)	Elevation (min - max)	User capacity
770 M	230 V 6.5 A	2,2 HP	50 x 150 cm 19.68 x 59.06"	0 - 19.3 Km/h 0 - 12 mph	0 - 25 %	170 Kg 377.78 lbs
770 CE	230 V 6.5 A	2,2 HP	50 x 150 cm 19.68 x 59.06"	0 - 20 Km/h 0 - 12.4 mph	0 - 25 %	170 Kg 377.78 lbs
770 S	230 V 10 A	3 HP	50 x 172 cm 19.68 x 67.71"	0 - 25 Km/h 0 - 15.5 mph	0 - 22 %	200 Kg 444.44 lbs
770 F	230 V 10 A	3 HP	50 x 172 cm 19.68 x 67.71"	0 - 25 Km/h 0 - 15.5 mph	0 - 22 %	200 Kg 444.44 lbs

Model	Suggested applications
770 M	The RAM 770 M model is not equipped with a control console because it has been designed to be connected to a Exercise Testing System.
770 CE	The model RAM 770 CE features a control console which allows stand-alone operations. This model however, can be controlled by a remote computer connected to its serial port.
770 S	Higher performances can be obtained using the model 770 S. This model has been designed for use in the field of Sports Medicine. It works both as a stand-alone unit and connected to Exercise Testing System.
770 F	RAM 770 F is the designer model of the series. It is both attractive and smart. Ideal for use in the field of sports medicine and for fitness applications.

Model	Optional accessories
770-010	Power 115 V -20 A
770-005	Safety lanyard
770-006	Heart rate monitoring with POLAR telemetry (POLAR is a trademark of PolarElectro OY - Finland)
770-007	Pediatric handrails (only for RAM 770 M and RAM 770 CE models)
770-008	RAM Serial Tester, Model 70A

Compliance to the standards

Company certifications

RAM is an Italian company that manufactures electronic devices, specifically designed for medical applications such as exercise tests, motor rehabilitation systems and cardiac rehabilitation programs. RAM systems are compatible with equipment from different manufacturers.

RAM complies with the standards of a certified Quality System throughout its manufacturing process and life cycle of its products: from the design to the realization, to the marketing and the service support to insure the highest quality in compliance with the following Norms:



UNI EN ISO 9001: 2000



UNI CEI EN ISO 13485: 2002

Our products

The extreme care and great effort behind the research in material, component parts and manufacturing techniques, places The RAM 770 family of products at the top of the class of devices that apply these technologies.

Together with the rigorous application of the company Quality System checks and the applicable Harmonised Standards, the RAM 770 treadmills are in compliance with the requirements related to medical devices under Council Directive 93/42/EEC and all changes thereafter as described in Annex I: "Essential Requirements".

Compliance with the prerequisites of Directive 93/42/EEC is synthesized by the CE mark on all products.



Applied Norms

- CEI EN 60601-1: 1998. Medical electrical equipment - Part 1: General safety norms.
- CEI EN 60601-1-2: 2003.

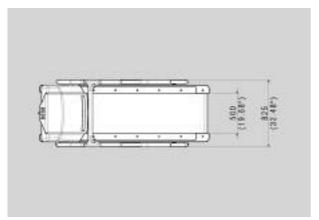
 Medical electrical equipment Part 1: general requirements for safety Collateral Standard: Electromagnetic compatibility Requirements and tests.
- CEI UNI EN ISO 14971: 2002. Application of risk management to medical devices.

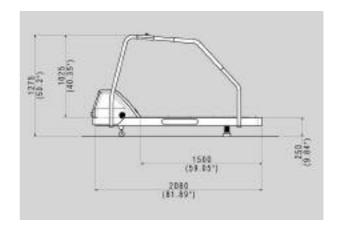


Registration N. IT 20360

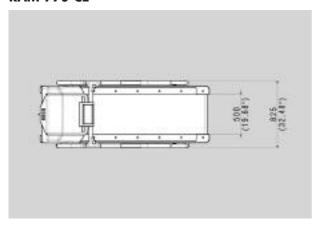
Technical drawings

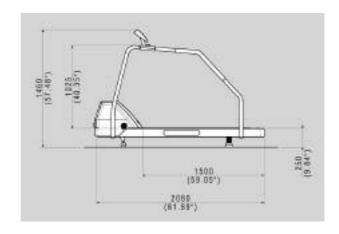
RAM 770 M



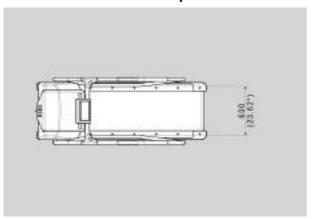


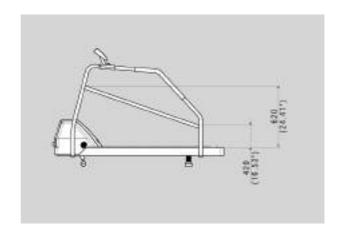
RAM 770 CE





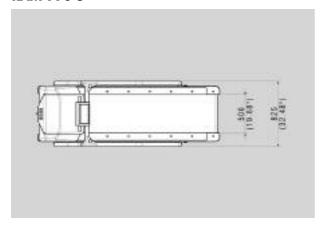
RAM 770 CE con manubri pediatrici

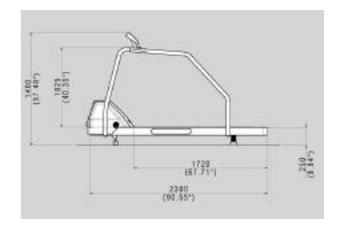




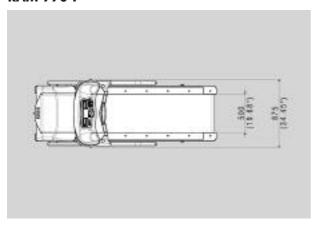
Technical drawings

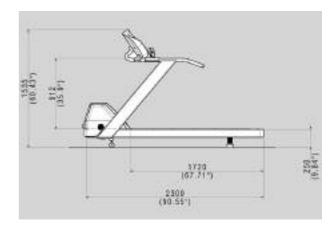
RAM 770 S





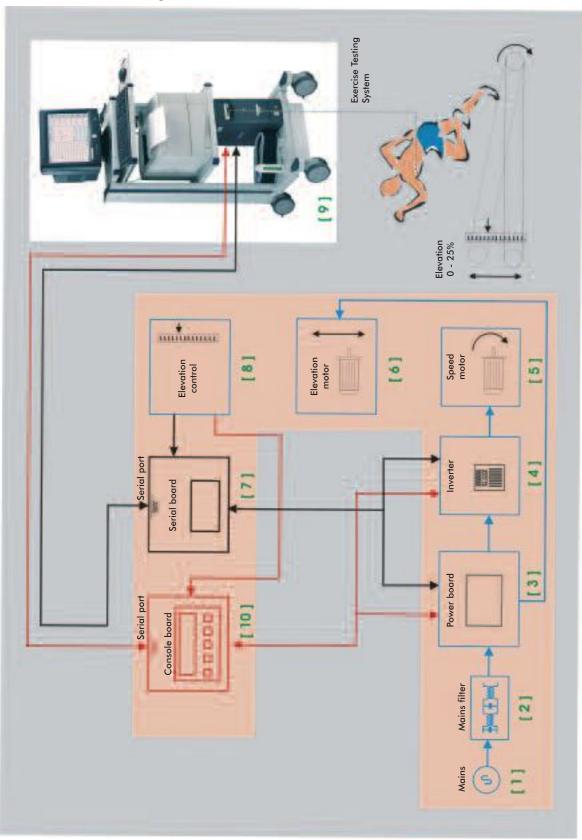
RAM 770 F





Schematic Drawings

Ram 770 Series schematic drawing



Schematic drawings

Schematic drawings

Power board

A power board (3) receives power from the mains through (1) a suitable mains filter. This board supplies power to the various system components:

- Inverter
- Speed motor
- Elevation motor
- Serial board / Console board

Inverter and speed motor

The inverter (4) (static frequency inverter) controls an asynchronous three phase motor (5) by varying its number of rotations per minute. This motor determines the speed of the treadmill belt.

Elevation motor

The electrical current reaches a mono-phase motor (6) through the relays of the power board. This motor is dedicated to the elevation of the treadmill.

Serial board

The power board is connected to a serial board (7); it is a microprocessor based board designed for the control of the inverter and for the regulation of treadmill speed and elevation. The word "serial" means that the serial board contains a serial port RS232 through which an exchange of signals from the board to a computerized exercise testing system (9), or vice versa may occur.

Elevation control

The elevation control (8) is carried out by a potentiometer transducer which sends to the serial board the elevation reached by the treadmill.

Console board

Alternatively to the serial board, it is possible to use a console board (10). In this case the treadmill, other than receiving signals coming from the serial port RS232, may be controlled by a keyboard of a console.

The model RAM 770 M comes with a serial board and is controlled only by a computerized external system through its RS232 serial port; the other models of the 770 series feature a console board and can receive commands both from an external computerized system, or can be controlled by the treadmill console.

Technical Support

Technical Support

The RAM technical assistance service provides the following on-site services:

- Set up of equipment
- Ordinary maintenance and repair

Contract for ordinary maintenance and repair

The contract for ordinary maintenance and repair that RAM offers its clients, is particularly useful and economically sound and insures that the equipment remains efficient.

A yearly maintenance contract guarantees a service plan that includes on-site interventions.

The maintenance contract is mostly about scheduled ordinary maintenance.

RAM has special considerations and care for its maintenance contract clients.



Technical support

RAM supplies a consulting service to answer any technical questions, which can range from a simple request for further information to how to use equipment appropriately, to general requests of technical nature for the resolution of a problem. Requests can be made through the phone or by Fax or e-mail, and they will be carefully assessed by a team of technicians. The RAM team always provides pertinent solutions to the client's requests.



Spare parts delivery

Upon request RAM can provide all spare parts listed in its technical support manuals. Spare parts are usually sent via courier. The main spare parts can be found at all approved dealers sites.



Technical Training

RAM dealers

Technical training course

Objectives:

The course is divided into three sections; the first section deals with the set up:

- check the packing
- check the configuration
- assembly
- positioning
- functioning
- training of the user.

The second section is dedicated to the following subjects:

- ordinary maintenance
- repair

The third section is dedicated to the troubleshooting. A simulation of potential damages is set so that trainees can follow the flow charts accurately prepared by RAM and described in detail in the Service and Troubleshooting Manual, in order to identify the problem and proceed to resolve it.

The "Technical Training Course" is designed to provide highly skilled personnel an ensemble of knowledge that will allow them to be able to troubleshoot with the necessary technical competence.

The courses are scheduled on an annual basis by the RAM labs and they are open for registration to all RAM clients. Upon request courses can be set up on location at the dealers' sites



For further information on the course you can call the following numbers:

+39 049 870 33 44

+39 049 870 33 55

Or check our website at:

http://www.ram-medical.it

Terms of Sale

The exclusive dealers of RAM products for each nation set the prices for the treadmills and the terms of sale and delivery.

In particular, the dealers establish the terms of payment, delivery, the warranties and the price lists.

Shipping to dealers

Usually the dealers inform RAM as to the shipping method whether it should take place by truck, by air or by sea or the name of the courier they prefer.

It is always possible to let RAM choose a courier. Unless otherwise stated in writing, shipping is always insured.

Packing

The base upon which the treadmill is packed is in wood and set to be carried by forklifts. A polystyrene padding on the interior of the packing protects the equipment from potential bumps. The outer structure of the packing is in waterproof carton 15 mm thick. Upon request the whole packing can be made in wood.

Size and weight

For the Mod. 770M/CE treadmills:

- Size:218 x 92 x 87(h)cm (85.83 x 36.22 x 34.25")
- Total weight:214 kg (475.56 lbs)

For the Mod. 770S/F treadmills:

- Size:245 x 92 x 150(h)cm (96.46 x 36.22 x 59.06")
- Total weight:250 kg (555.56 lbs)

List of dealers

If you need the name and address of the nearest dealer please ask RAM by calling:

+39 049 870 33 44

+39 049 870 33 55

or by sending a fax to:

+39 049 870 33 88

or by sending an e-mail to: info@ram-medical.it

or visit our website at:

http://www.ram-medical.it

RAM in WWW



All information regarding RAM product and RAM services can be found on our Website at

http://www.ram-medical.it



All info requests can be forwarded to RAM using our Website page: "Contacts".



The information necessary for technical support (Operation Manual, Service and Troubleshooting Manual and specially designed software for functionality tests) are now available upon request. Simply ask RAM for the password to access the reserved areas of the web site.

Responsible for content: RAM s.r.l. - Direzione commerciale - Padova (Italy)

RAM s.r.l. reserves the right to change, without notice, product offerings or specifications in order to continue improving its products.

RAM s.r.l is under no obligation to provide a product with specific features unless expressly agreed by RAM in writing at order confirmation.

Catalogue RAM 770 - REV 01 Ordering N. **CT770-EN**

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