EN-TREE PULLEY

The Enraf-Nonius EN-Tree assortment offers a complete gamma for medical training therapy (MTT). Medical training therapy is a concept that is used for:

- strengthening muscles
- mobilisation
- improving one's endurance
- improving one's co-ordination

MTT makes use of various aids and exercise systems. In addition to our EN-Dynamic exercise equipment and EN-Cardio training equipment, we offer a broad range of pulley systems. EN-Tree pulleys are ideal for MTT because every movement can be simulated and trained. In addition to isolated movements, pulleys can be used to mimic almost every movement that one makes in daily life. The EN-Tree systems are well accessible, they enable one to gradually increase the training programme and they require very little space.

The EN-Tree products pallet comprises various devices.
First of all, we offer 4 different pulleys:

1. EN-Tree Pulley 24 kg, the standard versatile pulley with a range of 0.25kg to 24kg.
2. EN-Tree Pulley Explosive 54 kg, the ideal pulley for training rapid explosive movements with a range of 0.33kg to 10kg
3. EN-TreeP, the pneumatic pulley for both power training as well as for training rapid explosive movements with a range of 0.66kg (6.6N) to 72 kg! Moreover, the EN-TreeP can be adjusted fully automatically using the EN-Track system.
4. EN-TreeM, the measuring pulley, available in a normal or explosive version and equipped with software for the purpose of quantifying the exercises with the pulley.

We also offer a wide range of accessories for all of our pulleys. These accessories enable one to carry out very specific exercises.

We also offer a variety of exercise benches in addition to the various pulleys. These benches are ideal for exercising with the EN-Tree pulleys. In addition, these benches are also ideal for mobilisation exercises and muscle-strengthening exercises without additional equipment. Thanks to their small size and the small wheels (EN-Tree Bench and EN-Tree Train) they are easily moved elsewhere.

EN-TREE RENDERS MEDICAL TRAINING

ACCESSIBLE FOR EVERYONE!

- Multi-functional
- Accurate dosage of the exercise resistance
- Complete possibility to exercise on a surface area of 2.5m²
- Extremely smooth dual-bearing rollers
- Height adjustable with indicator
- Adjustable cord extension
- Very thin but extremely solid cord (less resistance from the rollers)

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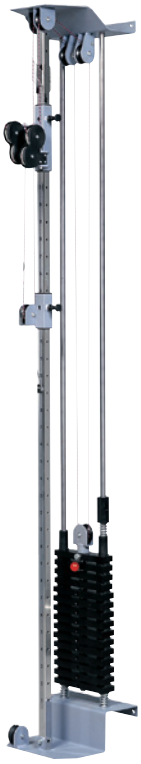
EN-TREE PULLEY

EN-TREE PULLEY 24 KG

With EN-Tree products, active exercise is possible for almost anyone. Healthy individuals, patients with specific exercise requirements and wheelchair users can enter into their own training programs. This is possible because of the wide variety of load application and the ease of adaptation of the EN-Tree to every individual's need.

The EN-Tree Pulley allows an increase of the weight from 0,25 to 24 kg in 30 small steps. The EN-Tree Pulley, allows the exercise of almost every human movement. This includes mono-articular movements as well as complex displacements.

3443353 EN-TREE PULLEY 24 KG



3443369 EN-TREE PULLEY MDD 24 KG WITH COVER

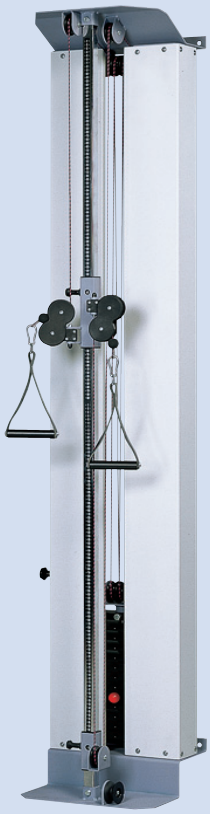
EN-TREE PULLEY

EN-TREE PULLEY EXPLOSIVE 54 KG

The EN-Tree Pulley Explosive is constructed for high speed, explosive movements, which occur for example during sports activities like tennis and soccer. This allows for high velocity movement without high inertia. The EN-Tree Explosive provides the optimal balance between acceleration and resistance for high speed training. The EN-Tree Explosive is provided with 54 kg of weight, which effectively means a maximum weight of 18 kg.

3443354 EN-TREE PULLEY EXPLOSIVE 54 KG

3443370 EN-TREE PULLEY EXPLOSIVE MDD 54 KG, WITH COVER

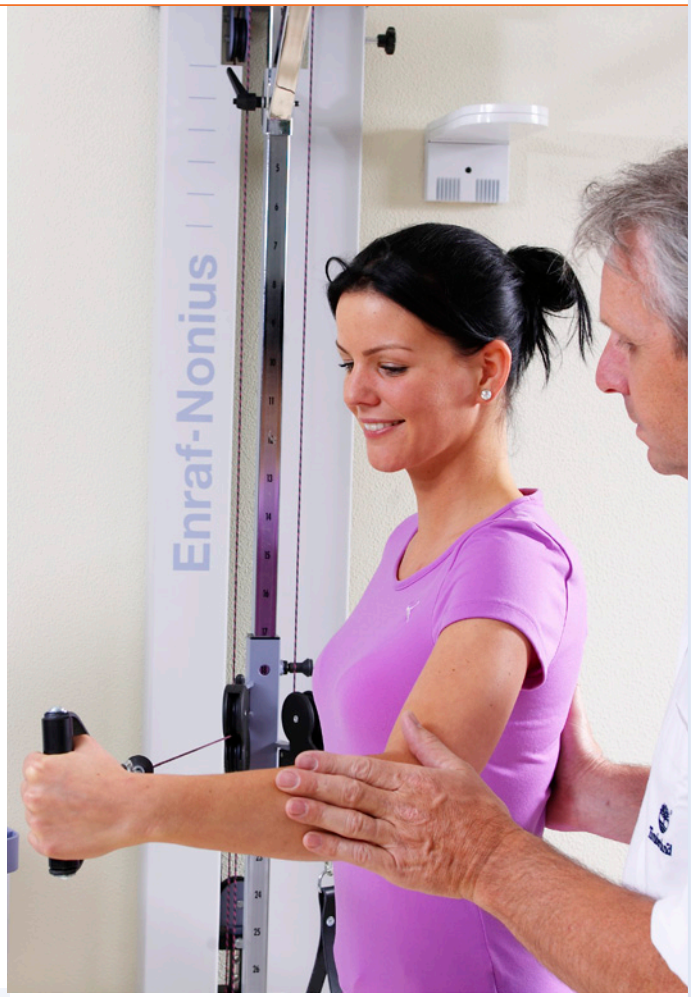


EN-TREE P

The EN-TreeP (for pneumatic) is a pulley system that does not make use of the traditional weights, but rather a pneumatic resistance. In addition to the advantages of a traditional pulley system, such as versatility, requires little space and good accessibility, the pneumatic system like the EN-TreeP has a few more advantages:

- an extremely low minimum load
- a high maximum resistance
- it is possible to increase the load in very small steps
- Silent during exercising
- no mass inertia due to the pneumatic resistance, making the EN-TreeP the ultimate Explosive pulley
- a pulley that can be fully controlled (and adjusted automatically) from EN-Track, enabling one to undergo consistent and controlled training sessions

With that, EN-TreeP is a unique system that offers added value to any all-round practice, with or without EN-Track.



1412996 EN-TREE P

OTHER PRODUCT THAT MIGHT INTEREST YOU

EN TRACK

The EN-Track concept gives you full control over the active rehabilitation process, ensuring optimum treatment at all times. Training schemes can easily be compiled using the training recommendations already preprogrammed in EN-Track.

ORDERING DATA

1411801 EN-Track installation kit

Also see the seperate product leaflets at
WWW.ENRAF-NONIUS.COM/REHABILITATION

EN-TREE M

In physical therapy and rehabilitation it is very important to quantify the functional capacity of the human muscular-skeletal system. This is in order to determine the appropriate individual load during exercise therapy or to evaluate the progress during rehabilitation. Custom systems for the measurement of functional capacity require many square meters of floor space and high investments. To make measurement techniques available for every therapist Enraf-Nonius offers the EN-TreeM, the unique unit for extremely accurate physical therapy and rehabilitation.

The EN-TreeM is the measurement edition of the well-known EN-Tree Pulley, the ideal aid for functional training and rehabilitation. The EN-TreeM accurately determines position, velocity, force, power and work. With these parameters you can quantify the functional capacity of your patients with a PC.

In the powerful software you can compose various test and training protocols. To analyse the test and training results a professional and complete package is provided which allows you to assess optimum individual treatment.

The goals of treatment can be determined by:

- left-right comparison
- assessment of normal or abnormal movement patterns from the graphs;
- comparison of test results between individuals

Progress during rehabilitation can be monitored by comparing the results of different tests recorded in time.

For a reliable reproduction of a training session or a test you initiate the pulley set-up as well as the positioning of the patient.

14-04-2016 - Enraf-Nonius Rehab

EN-TREE M

3443365 EN-TREE M MDD 24 KG, WITH COVER

3443367 EN-TREE M EXPLOSIVE MDD 54 KG, WITH COVER

EN-TREE BENCH & TRAIN

EN-TREE BENCH

3443356 EN-TREE BENCH

Two-section MTT training bench
The stable basis for MTT-suitable for both therapeutic support and personal use.

- Practical and easily adjustable
- Inclinable, length-adjustable backrest
- Equipped with inclinometer
- Adjustable seat cushions
- Seat cushions gently inclinable

TECHNICAL SPECIFICATIONS

Dimensions (hxwxl):	48x47x134 cm
Weight:	25 kg
Maximum load per section in its lowest position:	135 kg
Angle adjustment:	back-section: 0° to 75° leg-section: 0° and 7°

EN-TREE TRAIN

3443355 EN-TREE TRAIN

MTT angle/mobilization bench
Two-section MTT angle/mobilization bench. Both sections are easily adjustable. The EN-Tree Train is suitable for all most frequently used exercises.

- Resistance adjustable in small steps (both pro- and degressively) thanks to wide the choice of starting-positions
- The two sections are independently adjustable
- Both sections have an inclinometer
- Section with face-hole is adjustable from -80° to +75°
- Leg-part adjustable from -25° to +15°
- Fitted with height-adjustable bolsters

TECHNICAL SPECIFICATIONS

Dimensions (hxwxl):	82x56x143 cm
Weight:	37 kg
Angle adjustment:	trunk-section: -80° to +75° leg-section: -25° to +15°
Maximum load per section:	135 kg
Position of the rolls in relation to the end of the leg section:	parallel to the top: 0 to 27 cm at a right angle to the top: -45 to +24 cm

ACCESSORIES EN-TREE

		EN-Tree 24 kg	EN-Tree 54 kg	EN-Tree P	EN-Tree M 24 kg	EN-Tree M 54 kg
3446189	Exercise stool, height 65 cm	x	x	x	x	x
3443306	Set accessories for EN-Tree Pulley (1)	x	x	x	x	x
3443305	Set of 2 handgrips	x	x	x	x	x
3443307	Pull down accessory	x	x	x	x	x
3443308	Lat Pulley handgrip	x	x	x	x	x
3443309	Triceps handgrip	x	x	x	x	x
3447695	Foot sling	x	x	x	x	x
3443310	Ankle strap, 37 cm	x	x	x	x	x
3443313	Leather strap, 73 cm	x	x	x	x	x
3445553	Padded hip belt	x	x	x	x	x
3445552	Padded ankle belt	x	x	x	x	x
3443383	Wrist trainer	x	x	x	x	x
3443381	Bent triceps bar	x	x	x	x	x
3496253	Row handle	x	x	x	x	x
3443385	Set of free weights (100 and 200 g)	x			x	
3443386	Set of free weights (300 and 600 g)		x			x
3444008	Mains adaptor 230V/9V - EUR					x
3444032	Mains adaptor 240V/9V - UK					x
3444019	Mains adaptor 115V/9V - US					x

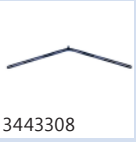
(1) = 3443307 + 3443308 + 3443309 + 3443310


3446189


3443306


3443305


3443307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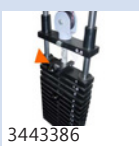
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3444008


3444032


3444019

EN - TREE

EN-TREE

TECHNICAL SPECIFICATIONS

Articlenumber		Provided with cover	Dimensions (hxwxd) in cm	Weight	Height adjustment for rope	Adjustable weight / load	Effective weight/ load with one cord end	Effective weight/load with two cord ends combined	Max. effective weight
3443353	EN-Tree Pulley 24 kg		218x33x30	47	0-200	1 kg - 24 kg	A	B	24 kg
3443369	EN-Tree Pulley 24 kg MDD	x	218x33x30	60	0-200	1 kg - 24 kg	A	B	24 kg
3443354	EN-Tree Pulley 54 kg		218x39x35	82	0-200	2 kg - 54 kg	C	D	18 kg
3443370	EN-Tree Pulley 54 kg MDD	x	218x39x35	97	0-200	2 kg - 54 kg	C	D	18 kg
1412996	EN-TreeP	x	218x39x35	60	0-200	40 - 720 N	E	F	24 kg
3443365	EN-TreeM 24 kg MDD	x	218x33x30	60	0-200	1 kg - 24 kg	A	B	24 kg
3443367	EN-TreeM 54 kg MDD	x	218x39x35	97	0-200	2 kg - 54 kg	C	D	18 kg

A = 0.25-0.5-0.75-1-2-3-4-5-6-7-8-9-10-11-12 kg
B = 0.5-1-1.5-2-4-6-8-10-12-14-16-18-20-22-24 kg
C = 0.33-1-1.6-2.3-4.3-5-5.6-6.3-7-7.6-8.3-9 kg
D = 0.66-2-3.33-4.66-6-7.3-8.6-10-11.3-12.6-14-15.33-16.66-18 kg
E = 6.7-8.3-10-11.7-13.3-15 etc ... 120 N (~0,67-0.83-1-1.17-1.33 etc ...12 kg)
F = 13.3-16.6-20-23.3-26.6 etc ... 240 N (~1.33-1.66-2-2.33 etc ... 24 kg)

INSTALLATION REQUIREMENTS EN-TREE:
EN-Tree should be mounted to the wall with 4 screws and plugs. The wall should be firm enough to resist forces up to 950 N (thus do not attach it to carton-board or thin wooden walls). Leave about 2.5 m^2 free around every pulley for optimal exercise.

INSTALLATION REQUIREMENTS EN-TREE M
The EN-TreeM needs a computer for full operation. The computer can be obtained locally.