



Traction and Decompression Therapy

Introduction

Chattanooga is the world's largest manufacturer of rehabilitation equipment for treating musculoskeletal, neurological and soft tissue disorders. For over six decades, Chattanooga has set a benchmark for leadership, reliability and excellence. Our products contribute to better treatment outcomes in hospitals, clinics and home settings worldwide. We lead the physiotherapy industry by example and, through continuous innovation, provide real world solutions for clinicians and their patients.

As the world's leading brand in rehabilitation, Chattanooga is sold in over 80 countries worldwide. Chattanooga is directly represented in our key markets but also has long lasting relationships with dedicated distributors in the USA, Canada, Latin America, EMEA and Asia Pacific. Our Chattanooga distributors and customers are supported for order placement, training, product delivery and after sales service by a dedicated team of highly skilled DJO employees based all over the world.

Chattanooga is a brand of DJO Global Inc. DJO Global provides solutions for musculoskeletal health, vascular health and pain management. Our products help prevent injuries or rehabilitate after surgery, injury or from degenerative disease, enabling patients to regain or maintain their natural motion.

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Traction

Manual and mechanical traction has been utilized for years as a safe solution in the treatment of spinal conditions involving nerve root compression, acute muscular spasm and osteoarthritic discogenic conditions. However, all mechanical traction devices are not the same. Chattanooga Triton Traction system sets the standard.

With the Triton Progressive Therapeutic Rehabilitation System, Chattanooga has introduced a new generation of innovative traction devices that mimic the intricate nuances of the manual therapist's hands, thereby expanding the features of modern day traction. As a supplier of rehabilitation equipment, we see ourselves as a committed partner to the rehabilitation practitioner.

Spine Solutions with Triton DTS®



Mechanical/Physiological Effects of Traction Therapy

Decompression

- Relieve pressure on nerves
- Unload spine
- Decrease disc bulging
- Separate vertebrae

Mobilisation

- Stretch the ligaments and tendons
- Stress the capsule, facet joints and intravertebral discs
- Migration of nucleus pulposus

Anti-inflammatory response

- Decrease muscle tone
- Decrease inflammation

Circulation Improvement

- Blood flow to tissues
- Venous flow away from tissues

Clinical Indications for Traction Therapy

- Back pain resulting from herniated, bulging, or protruding discs
- Discogenic pain
- Joint pain
- Spondylosis
- Facet joint disorders
- Root impingement
- Hypomobility
- Compression fractures
- Muscle spasms
- Cervical radiculopathy



Clinical Benefits of Traction Therapy

- Decreased pain
- Decreased muscle tone
- Increased range of motion
- Increased flexibility
- Reduced edema
- Reduced disc herniation
- Relieve nerve root compression



Ordering Information

Part Number	Description
Triton DTS	
4767	Triton DTS Package includes:
- 4798	Triton DTS Traction Unit
- 4769	Triton DTS Traction Table
- 48084	Patient Interrupt Switch
- 27465	Patient Data Card (1x)
- 2825	QuikWrap™ DTS Belting System
- 7040	Saunders Cervical Traction Device (with clevis)
- 42901	Knee Bolster Set
- 9296	Stabilizer Pressure Biofeedback
- 48144	User Manual on CD
- 866300002	Black Naugahyde Wedge
4766	EMG module includes:
- 48084	Patient Interrupt/EMG Indicator Switch
- 27321	EMG Leadwire
- 42192	DuraStick® Plus 5 cm Round Electrodes (4x)
- 42205	DuraStick® Premium 3 cm Round Electrodes (4x)

Color Options

Black (002)		Imperial Blue (001)	
Burgundy (004)		Dove (007)	
Midnight Gray (033)		Stone Blue (061)	

NOTICE: Color charts are produced within the limitations of lithographic color printing and are intended as a general guide only.

Triton DTS® Package



Features

The Chattanooga Triton DTS package offers a complete system with a uniquely engineered spine table, a sophisticated traction unit, and simple harnessing with Quik-Wrap™. The system is further accessorized with a cervical traction attachment, knee bolsters, and pressure biofeedback device.

- 5 unique DTS Pull Patterns deliver pulls designed to closely replicate the manual therapy experience
- Pretension step eases guarding and provides greater comfort for the acute patient
- Independent timer control for pretension, progression, traction, and regression
- Automatic speed variation during the Progressive phase
- Gradient pulls, oscillations, and Progressive Range of Motion
- Variable speed motor (30%, 50%, 100%) increases treatment flexibility
- Clinical Protocols™ for cervical and lumbar along with 80 User-Defined Protocol slots
- Static, intermittent, and cycling traction options
- Full color graphic library includes anatomical images, common pathologies, and detailed belting techniques on high resolution touch-screen
- Multi-lingual software on board
- Save patient treatment sessions on Patient Data Cards, which record patient pain mapping, pain scales, and pain types all from the unit to the card
- Surface EMG activation initiates the session when patient relaxes to the EMG target



Features

- Provides maximum patient comfort in prone and supine positions for both manual therapy and traction therapy
- Pelvic Tilt section provides flexion of lumbar spine to improve positioning in traction
- Pelvic Tilt helps address pelvic asymmetry commonly seen in low back pain patients
- Independently controlled arm and chest sections assist in maintaining a neutral spine
- Repositional head piece elevates to 35°, allowing easy access to the thoracic and cervical spine
- Repositional head piece cradles the patient's head comfortably in prone and supine
- Tuck-away, grab bars for prone hanging traction without a thoracic restraint
- Gas spring assist on friction-free moveable sections for easy positioning
- Adjustable height table from 52 - 104 cm
- Removable axilla posts provide additional fixation to the table, preventing slippage during supine traction

Technical Specifications

Triton Traction Unit

Mains Power:	100 - 240 V, 50/60 Hz
Power Consumption:	75 W
Current Consumption:	3.2 Amps Max
Weight:	14 kg
Dimensions*:	45 x 24 x 45 cm
Electrical Safety Class:	Class 1, Type B
Safety Tests:	IEC/UL/EN 60601-1, IEC/EN 60601-1-2, CAN C22.2 No. 601.1-M90 w/A2 - Meets MDD 93/42/EEC, CE 0413

Triton DTS Traction Table

Mains Power:	230 V, 50 Hz; 120 V, 60 Hz
Current:	230 V - 1.8 A; 120 V - 3.3 A
Power Input:	230 V - 230 W; 120 V - 200 W
Weight:	143 kg
Dimensions*:	203,2 x 71 x 51 to 102 cm
Electrical Safety Class:	Class 1, Type B
Safety Tests:	IEC/UL/EN 60601-1, CAN/CSA C22.2 No. 601.1-M90 w/A2

EMG Module

Electrical Safety Class:	Class 1, Type BF
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* Dimensions are listed as L x W x H

Triton Traction Unit



Ordering Information	
Part Number	Description
Triton Traction Unit	
4749	Triton Traction Unit
Standard Accessories	
48083	Patient Interrupt Switch
27465	Patient Data Cards (1x)
48144	User Manual on CD
Optional Accessories	
4766	EMG module includes:
- 48084	Patient Interrupt/EMG Indicator Switch
- 27321	EMG Leadwire
- 42192	DuraStick® Plus 5 cm Round Electrodes (4x)
- 42205	DuraStick® Premium 3 cm Round Electrodes (4x)
Technical Specifications	
Triton Traction Unit	
Mains Power:	100 - 240 V, 50/60 Hz
Power Consumption:	75 W
Current Consumption:	3.2 Amps Max
Weight:	14 kg
Dimensions*:	45 x 24 x 45 cm
Electrical Safety Class:	Class 1, Type B
Safety Tests:	IEC/UL/EN 60601-1, IEC/EN 60601-1-2, CAN C22.2 No. 601.1-M90 w/A2 - Meets MDD 93/42/EEC, CE 0413
EMG Module	
Electrical Safety Class:	Class 1, Type BF
* Dimensions are listed as L x W x H	



Features

- Static, intermittent, and cycling traction
- Independent timers allow easy customization of traction pulls in progressive, regressive, and traction phases
- Variable speed motor (30%, 50% and 100%)
- Pretension step eases the patient into traction to prevent muscle guarding and pretest patient's tolerance to traction force
- Clinical Protocols™ provided for both cervical and lumbar conditions
- Full color graphic library complete with visual tutorial of belting techniques, anatomical images and common pathologies
- Digital high resolution color touch screen that pivots 270°
- 80 User defined protocol slots
- Easily store treatment parameters, pain scales, and pain maps on Patient Data Cards
- Upgrade with the optional EMG module

Tru Trac Traction Unit and Traction Tables



Features

Tru-Trac Traction Unit

- Static, intermittent, and cycling Traction
- User-defined hold, rest and treatment times
- 10 User-defined protocol slots to store customized settings
- Digital monochromatic touch screen interface that pivots 270°
- Easily store treatment parameters, pain scales, and pain maps on Patient Data Cards

TTET-200

The TTET-200 is a two-section, 71 cm wide table with an adjustable height from 48 cm - 96 cm and a working load of 181 kg. Optional retractable casters are available. Traction unit and traction stool sold separately. Available in all upholstery colors shown in chart.

TTFT-200

The TTFT-200 is a two-section, 71 cm wide table with a fixed height 81 cm from top to floor and a working load of up to 159 kg. Traction unit and traction stool sold separately. Available in all upholstery colors shown in chart.



Ordering Information

Part Number Description

Tru-Trac Traction Device

4779 Tru-Trac Traction Unit

Standard Accessories

48082 Patient Interrupt Switch

27465 Patient Data Cards (1x)

48079 User Manual on CD

Economy Hi-Lo Traction Table

6870 TTET-200

Optional Accessories

66898 Foot Switch

86016 Retractable Casters

Economy Fixed Height Traction Table

6840 TTFT-200

Technical Specifications

Tru-Trac Traction Device

Mains Power: 100 - 240 V, 50/60 Hz

Power Consumption: 75 W

Current Consumption: 3.2 Amps Max

Weight: 14 kg (30 lbs)

Dimensions*: 45 x 24 x 45 cm

Electrical Safety Class: Class 1, Type B

Safety Tests: IEC/UL/EN 60601-1, IEC/EN 60601-1-2, CAN C22.2 No. 601.1-M90 w/A2 - Meets MDD 93/42/EEC, CE 0413

Economy Hi-Lo Traction Table

Mains Power: 230 V, 50/60 Hz; 120 V, 60 Hz

Current: 230 V - 1.0 A; 120 V - 1.6 A

Power Input: 230 V - 230 W; 120 V - 200 W

Weight: 64 kg (140 lb)

Dimensions*: 196 x 71 x 48 to 96 cm

Electrical Safety Class: Class 1, Type B

* Dimensions are listed as L x W x H

For Color Options, please see page 5

Saunders® Home Traction Devices



Ordering Information	
Part Number	Description
Saunders Cervical Traction	
199594	Saunders Cervical Traction
Standard Accessories	
700723	Headstrap and Pads
199614	Cervical Hand Pump
700724	Angle Adjuster
96458	Shoulder Bag
360365	User's Guide
Saunders Lumbar HomeTrac	
199603	Saunders Lumbar HomeTrac
Standard Accessories	
199633	Lumbar Hand Pump
14-9964	Carrying Case and Harnesses
360369	User's Guide
70066-001	Upper harness
700667-001	Lower Harness



Features

Safe

- A proven alternative to surgery for some patients
- Traction forces are directed to the back of the head to prevent compression of the TMJ
- Easy to read pressure gauge provides total control of the force at all times
- Blow-off valve limits the amount of force that can be applied
- The Lumbar HomeTrac's friction free surface ensures smooth motion

Effective

- A cost effective option to continuous clinical care
- Saunders Cervical Home Traction's innovative design replicates clinical traction and promotes consistency of treatment
- The Cervical Home Traction's positioning alternatives allow varying treatment options for the clinician

- Patented pneumatic system ensures reliable force accuracy and leak-free performance
- The Lumbar HomeTrac's split table design and actively moving treatment surface replicates clinical traction and promotes consistency of treatment

Easy to Use

- A portable treatment solution that increases patient compliance and satisfaction
- Patented self adjusting neck wedges ensure a perfect fit on the Saunders Cervical Home Traction
- Patented pump design incorporates a simple "click in place" mechanism
- Quick and simple patient set-up enables home traction without assistance
- Lumbar Home Trac's non-slip belts comfortably secure the patient to the device



Traction Accessories



Features

A Deluxe Universal Belt System

- Universal fit, for use with pelvic or lumbar traction applications up to 91 kg

B Mobile Traction Stand

- Provides a mount for Chattanooga traction devices to be secured to almost any table. Fully adjustable, secure strapping to table
- Traction unit sold separately

C Overdoor Traction Kit

- Over-the-door cervical traction kit, for patient administered flexion or extension cervical traction

D Naugahyde® Knee Wedge

- Provides optimum body position for multiple treatment applications. Covered with durable Naugahyde® upholstery

E Naugahyde® Bolster

- Improve weight-bearing dynamic gross motor movements, coordination, righting reactions, balance, strength and muscle tone
- Covered with durable Naugahyde® upholstery

F Naugahyde® Wedge (1 per pack)

- Flat surfaced positioning shapes used to build head control, sitting balance, trunk control and upper extremity function
- Covered with durable Naugahyde® upholstery

G Facial Pillow

- Supports the head and neck of the patient for more comfortable traction sessions

H Pneumatic Stools

- High-quality, therapy stools with a thick foam upholstered swivel seat
- Convenient gas spring which makes raising and lowering of the stool simple
- Stools support 158 kg (350 lbs) and are available with or without a back

I TXS-1 Flexion Stool

- Adjustable height enabling placement of the patient's lumbar spine into a neutral or flexed position for increased comfort. Upholstery can be color coordinated to match traction table

J Pron Pillo®

- Elevates the head and shoulders for added comfort. The raised base allows patients in prone position to breathe more easily

K Stabilizer Pressure Biofeedback

- Registers changing pressure to detect body movement during exercise
- Consists of combined gauge and inflation bulb connected to pressure cell
- Specifically used for exercises focusing on protection and stabilization of joints, important for prevention and treatment of low back and neck pain

Ordering Information

Part Number	Description
A 1410	Deluxe Universal Belt System
B 3600	Mobile Traction Stand
C 4390	Overdoor Traction Kit
D 42901	Bolster Set DTS
E 867300002	Naugahyde Bolster 15 cm x 61 cm
F 866300002	Naugahyde Wedge 10 cm x 51 cm x 56 cm
G 4291	Facial Pillow

H Pneumatic Stools

77060	Imperial Blue without Back
77061	Burgundy without Back
77062	Dove Gray without Back
77063	Black without Back
77064	Imperial Blue with Back
77065	Burgundy with Back
77066	Dove Gray with Back
77067	Black with Back

I TXS-1 Flexion Stools

7050001	Imperial Blue
7050002	Black
7050004	Burgundy
7050007	Dove
7050033	Midnight Gray
7050061	Stone Blue

J Pron Pillo

4206	Pron Pillo
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K Stabilizer PBF

9296	Stabilizer Pressure Biofeedback (PBF) Unit
92965	Instruction Manual
92961	PBF Stabilizer Pressure Cuff

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