

XRT5000



EXPERIENCE THE SUPERIOR QUALITY, FLEXIBILITY & EXCEPTIONAL IMAGING

WWW.DENYERS.COM.AU



PROUDLY MADE IN AUSTRALIA

DENYERS
INTERNATIONAL



The Denyer XRT5000 slide-top continues the Denyer tradition of high quality, feature-rich, reliable and well priced surgical tables which incorporate the experience and feedback gained in over 129 years of working with Surgeons, Anaesthetists, Nurses and other medical specialists. Ease of use and practicality were driving issues in design so the hand control has simple, very legible buttons and all controls have large articulation ranges. The Denyer XRT5000 is Australian designed and manufactured.

TYPES OF SURGERY

The Denyer XRT5000 is a general surgical table, suitable for all disciplines of surgery, including Orthopaedic, Bariatric, Gynaecological, Cardio-thoracic, Neurosurgery, Ophthalmic, Urological, Plastic, Laparoscopic, Endoscopic and General.

With obesity becoming a major issue, the XRT5000 can accommodate patients of up to 500kg when centrally positioned, or up to 300kg in lithotomy or where the patient is significantly offset from the centre of the table.

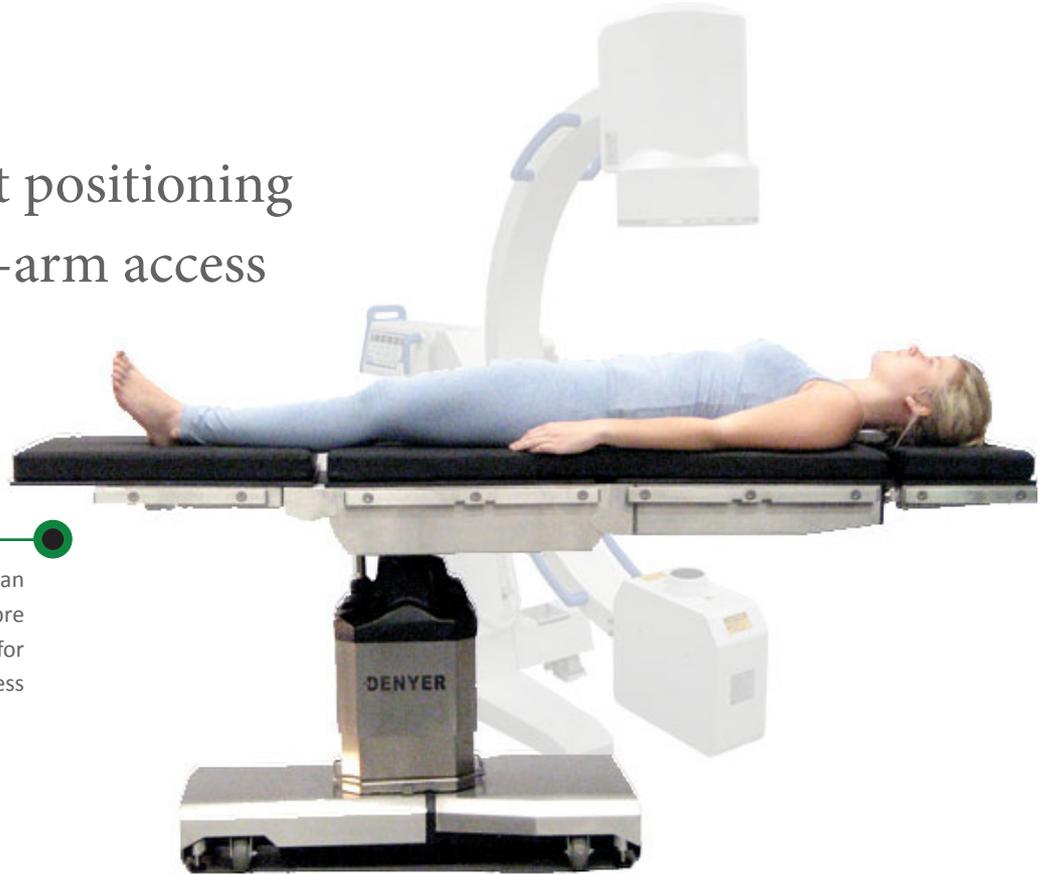
For particularly large patients, optional drop-on width extenders add 100mm width per side. A large range of accessories, including lightweight extensions and orthopaedic traction frames are available.

Versatility

<p>GENERAL / BARIATRIC</p>	<p>SPINAL</p>	<p>GASTRO / INTESTINAL</p>	<p>GYNAECOLOGY / UROLOGY</p>
<p>ENT, OPHTHALMIC, PLASTICS</p>	<p>NEUROLOGY</p>	<p>KIDNEY / THORACIC</p>	<p>ORTHOPAEDIC</p>

XRT5000

Optimal patient positioning for increased C-arm access



The removable leg section can be replaced by a carbon fibre cardiac section for extreme C-Arm access

THE IMAGING AREA

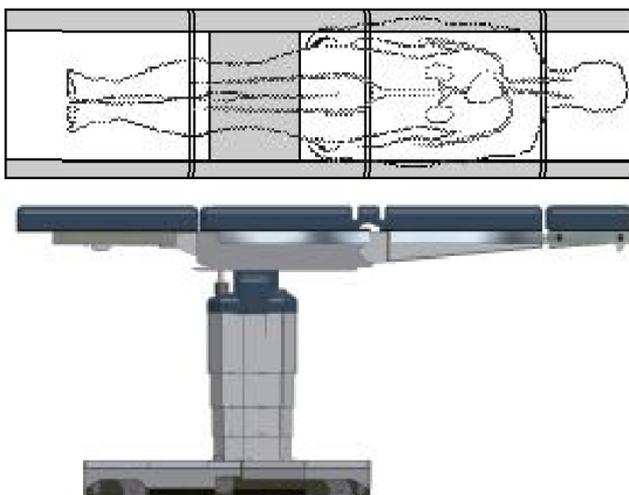
The Denyer XRT5000 provides a wide area of C-Arm access with 466 mm of longitudinal slide. This means that with a 310 mm wide column there is C-Arm access to the entire body without the need to reposition the patient pre or intra-operatively. Simply press a button on the hand pendant and slide the top section.

The slide-mechanism is driven by a strong hydraulic cylinder and gears so that there are no additional weight restrictions for bariatric patients in extreme Trendelenburg /reverse Trend. Because there's no need for reverse-orientation of the patient, there are major benefits in lifting and OH&S areas.

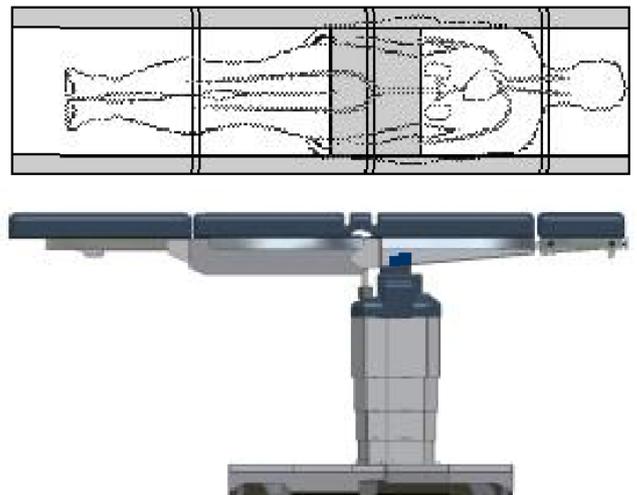
The removable leg section can be replaced by a carbon fibre cardiac section for extreme C-Arm access, and with no metal framing, X-rays can be taken from any angle and with extreme clarity.

Exceptional imaging

SLIDE TO HEAD



SLIDE TO LEG



Key features

HAND CONTROL

Easy to read graphics and words give a very intuitive and simple yet powerful control, with single button "Flex", "Reflex", "Beach-chair", "Return-to-level" buttons. Infra-red wireless control is available as an option, allowing all table functions to be controlled via a pocket sized wireless handset up to four metres from the table.

PREVENTION OF SECTIONAL CONFLICTS

The sophisticated software senses pending sectional conflicts (e.g. lowered leg section about to hit table base), prevents the conflict and sounds an audible warning.

EXCELLENT ACCESS

Low profile "T" shaped base gives excellent stability whilst allowing unimpeded access to the Surgical Team and other surgical equipment.

FULLY INTEGRATED OVERRIDE SYSTEM

Easy access to foot pedal and override hand control permanently attached to table for full control.

REMOTE INTERFACE

Remote connection to Integrated Theatre Systems, voice activation etc can be achieved either via the optional Infrared interface or via the standard RS232 port. The interface is also used for remote diagnostics and programming. The CPU retains usage history and fault records to assist in diagnosis.

EASY CLEANING

All major surfaces are made from high quality stainless steel. All fasteners on the table top are plugged, providing a flat, hygienic surface.

INTELLIGENT POWER SYSTEM

Internal batteries supply sufficient charge for up to two weeks usage, the power control system permits running from either batteries or directly from mains power

SLIDING TOP

With the 466mm tabletop slide, there is no longer a need for concern about Normal or Reverse Orientation, thus eliminating the need to reposition the patient to gain imaging access. The OR set-up is easier and quicker because the table does not need to be turned.

BARIATRIC SURGERY

The XRT5000 can accommodate patients up to 500kg (see operating instructions for details) and optional width extenders enhance positioning of bariatric patients.

EXCEPTIONAL MOBILITY

4 large diameter swivel castors make for easy and effortless movement. Rapid lock unlock via hand pendant and the dual step "Floor Lock" / "Unlock" function prevents the table from being inadvertently unlocked.

Exceptional longitudinal slide



Removable leg section with patented easy release mechanism

Powerful and reliable electro-hydraulic operation, with twin cylinders for bariatric patients.

Smooth headrest adjustment, infinitely adjustable.

Low profile "T" shaped base gives excellent access to the Surgical Team and other surgical equipment

4 large diameter swivel castors make for easy and effortless movement.

Override foot pump

Optional Infra-red hand control

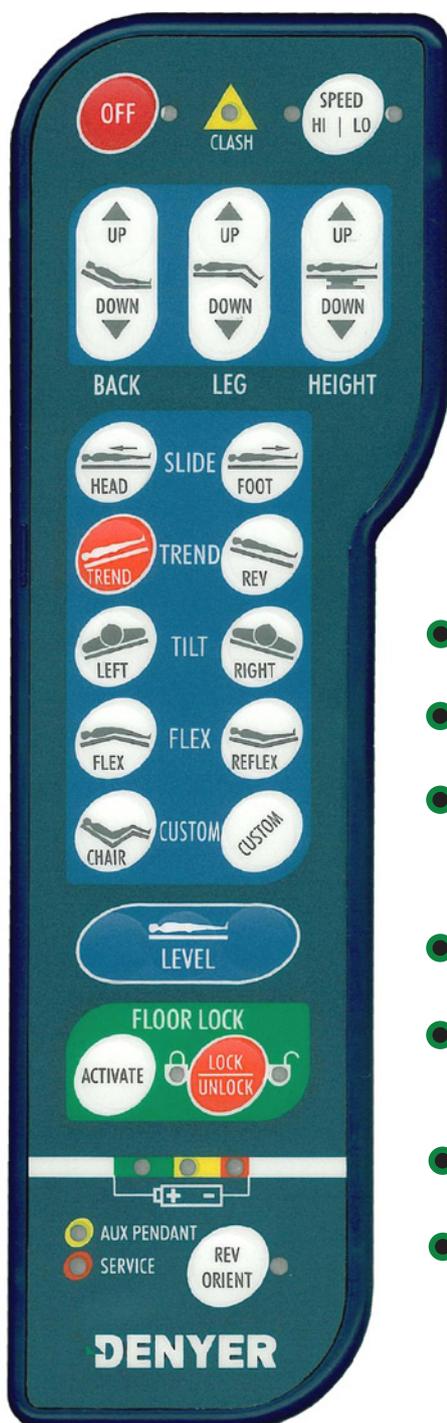
Override Pendant Permanently connected

Foot Control Gives Surgeons independent hands free control



Putting you in control

- Lightweight, durable, ergonomic design.
- Convenient single-button control.
- All controls are user-configurable to suit individual preferences
- Automatic “sleep” mode prolongs battery life. “Sleep” and backlight times user configurable
- Spring-loaded clip for easy side rail attachment and removal.



- Automatic detection and prevention of section positioning conflicts
- Any function can run at high or low speed. Both speeds software adjustable
- Back section, up 90°, down 40°
- Removable, powered leg section, up 30°, down 105°
- Longitudinal slide substantially greater than column width, giving full head to toe C-arm access without patient repositioning
- Trend / reverse Trend 30°, down 35°. Twin hydraulic cylinders for extreme load articulation
- Lateral Tilt: 20° Left, 20° Right
- Automated Flex and Reflex
- Automatic Beach Chair position
- User definable “Custom” position
- Automatic return to level in user-selected increments
- Two-stage Lock/Unlock prevents accidental release of floor locks
- Battery charge level is displayed on the hand control
- Auxiliary hand control automatically activated when the table in override mode
- All functions are automatically converted when the patient is on the table in reverse orientation

Table Accessories

Denyers' principal manufacturing activity is centred around the conception, design, manufacture and commissioning of operating tables and accessories. To provide a complete package for our customers we complement our own products with product from some of the world's leading manufacturers in the surgical equipment field, including Allen Medical, Fisso, Opitek and a number of other providers of niche products.

Our table accessories include:

CONNECTION

- OTA/4001 Foot control
- OTA/4018 Infra-red hand control

ORTHOPAEDIC

- OTA/7001S Orthopaedic traction frame
- OTA/1023N Arthroscopic knee stabilizer

GYNAE, UROLOGY

- AM/O-YFASI Yellofin stirrups
- OTA/4055 Lightweight leg Extension
- AM/O-UC4 Urology catcher

GENERAL, AND CARDIAC

- AM/O-ABSL Ezy-fix arm board
- OTA/1074 "J" Board arm support
- OTA/1066 Anaesthetic tube holder
- OTA/1002 Anaesthetic screen
- OTA/1026B Universal clamp block

ENT, OPHTHALMIC, NEURO, PLASTICS

- AM/O-AHTH Hourglass hand table
- OTA/4005 Ophthalmic head support
- OTA/4022 Neurosurgical headrest
- GEL/AP003 Gel donut ring, adult
- OTA/4009 Mayfield® Adaptor

BARIATRIC

- AM/O-UFAS Bariatric gas assist stirrups
- OTA/4017 Buttock support, lap. banding
- OTA/4093 Table width extenders
- AM/A-80400 Heavy duty Nissen thigh strap

A complete catalogue of our offerings can be viewed on the Denyer website www.denyers.com.au

Pressure Care

Pressure sores emanating from inadequate pressure relief during lengthy operations are stressful for patients and resource-hungry and expensive for post-operative care so we at Denyers have developed an extensive range of pressure relief gels, mattresses and supports. Denyers also offer bespoke positioning solutions if off the shelf product is not appropriate or optimal for a specific requirement, where we use the most advanced pressure-mapping equipment available.

VISCO HEAT-SEALED MULTI-LAYER PRESSURE MATTRESS

The "Visco" range is constructed from multiple layers of viscoelastic foam which is designed to disperse pressure at the points most at risk of injury. These layers are chosen and laid methodically to acquire the perfect balance between comfort and pressure relief ensuring the mattress will never bottom out.

Optimal pressure management requires a mattress that is effective in four main support functions.

MOULDED POLYURETHANE

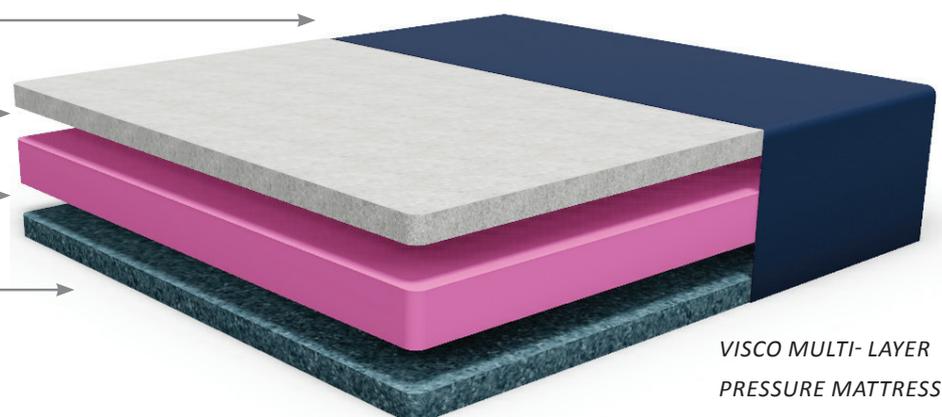
The moulded range is available for all Denyer XRT series operating tables, with separate head and leg sections and a single, hinged, centre section. They are all 70mm thick, constructed of self-skinning slow recovery polyurethane and fix to the operating table with either Velcro® or mushroom-shaped domes that plug into the underside of the mattress and eliminate the use of Velcro®.

Vented Anti-shear cover
4 way stretch polyurethane skin with vent

Visco Memory Foam
Comforting layer

Medium Density Foam
Support layer

High Density Base Foam
Table Levelling / Anti-bottoming layer



VISCO MULTI-LAYER
PRESSURE MATTRESS

Specifications

WEIGHT CAPACITY

Full lift and articulate of patients up to 500kg when centred over column.

Full lift and articulate in all surgical positions (incl., lithotomy) of patients up to 300kg.

TABLETOP DIMENSIONS

Tabletop Slide: 466mm

Number of Sections: 4

Length: 2,040mm

Width: 522mm or 568mm including side rails

TABLETOP ARTICULATION

Tabletop Heights: 665mm to 1126mm

(Low height option) 625mm to 1,046mm

Trendelenburg: 30°

Reverse Trendelenburg: 30°

Back Section: 40° down, 90° up

Leg Section: 105° down, 0° up (optional 30° up)

Flex: 220°, Reflex: 90°

Lateral Tilt: 20° left / right

Headrest: 45° up, 90° down, infinite adjust

ELECTRICAL

Batteries: 2 x 12Volt sealed lead acid, 20AH

Mains power: 230volt, 50/60 cycle, 6 Amp max. charging current.

RS232 Interface: 9 pin D connector

Wired hand control, bayonet Limo connector

Wired override control, bayonet Limo

Wired foot control, bayonet Limo connector

Infra-red, cordless hand control & 2 x receivers on base give 360° coverage

OVERRIDE

In case of component failure, fitted with spare hand pendant (interchangeable with normal hand pendant), foot pump and completely separate main circuit board, giving fully redundant system. Can run directly from mains power in event of battery problems.



Back down 40°



Back up 90°



Tilt Left 20°



Tilt Right 20°



Flex 220°



Reflex 90°



Leg down 105°



Leg up 0° (Opt. 30° up)



Slide to leg



Slide to head



Trendelenburg 30°



Reverse Trendelenburg 30°



Min. height 665mm



Max. height 1126mm



Beach chair or custom setting



DENYERS

INTERNATIONAL



EXCELLENCE SINCE 1889

Since its inception in 1889, Denyers has always followed the same philosophy—to produce the highest quality product range without compromise and to be leaders in their design and manufacture.

Denyers have a historical commitment to excellence and product life, which in turn ensures lifetime protection for the customer's investment. With 130 years of service to the medical profession, Denyers have always listened to their customers' wants and needs and this is why Denyers have become the leader in our chosen field.

Today Denyers is small enough to be flexible yet large enough to implement change quickly with a constant eye on the user's benefits and an unwavering policy of engineering excellence.

Denyers are certified to ISO9001 & ISO13485 by SGS

DEN_003

DENYERS INTERNATIONAL LTD

Freecall: 1800 DENYER (1800 336 937)

Head Office

42 - 46 Nelson Street, Moorabbin, Victoria 3189, Australia

Phone: +61 3 9555 5722

Fax: +61 3 9555 4722

Email: sales@denyers.com.au

www.denyers.com.au

DENYERS NZ LTD

Tollfree: 0800 DENYERS (0800 336 9377)

Phone: +64 9 215 6671

Email: sales@denyers.co.nz

www.denyers.co.nz