

XRT6000



FLEXIBILITY, INNOVATION, EXCEPTIONAL IMAGING

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PROUDLY MADE IN AUSTRALIA

DENYERS
INTERNATIONAL

our solution XRT6000

The Denyer XRT6000 slide-top continues the Denyer tradition of high quality, feature-rich, reliable and well priced surgical tables which incorporate the experience and feedback gained over 120 years of working with Surgeons, Anaesthetists, Nurses and other medical specialists. Ease of use, practicality and robustness were driving issues so the design incorporates simple, intuitive and highly functional controls that have large articulation ranges.

TYPES OF SURGERY

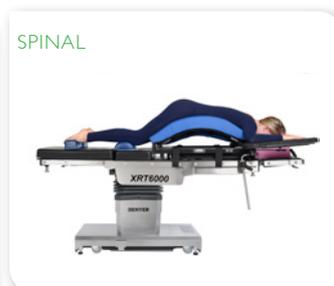
The Denyer XRT6000 is a general surgical table, suitable for all disciplines of surgery, including Orthopaedic, Bariatric, Gynaecological, Cardio-thoracic, Neurosurgery, Ophthalmic, Urological, Plastic, Laparoscopic, Endoscopic and General. Infa-red wireless control is also available as an option.

WEIGHT & TABLE HEIGHT ADVANTAGE

With obesity becoming a major issue, the Denyer XRT6000 is designed to accommodate patients up to 500kg when positioned centrally, or up to 300kg lift and articulate in any surgical position. With the very low minimum table height of 590mm it is ideally suited to bariatric surgery – whilst retaining a maximum height of 1,125mm.



Versatility



Putting you in control

- Lightweight, durable, ergonomic design, backlit for endoscopic and other low ambient light procedures.
- In-built LCD display for interactive communication with operator
- 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.



- All functions are automatically converted when the patient is on the table in reverse orientation
- Any function can run at high or low speed
- LCD Screen displays: Table articulation, sectional positioning conflicts, user configurable menu, service codes, custom settings, etc
- Back section: up 90°, down 40°
Leg section: up 30°, down 105°
Height range: 590mm to 1125mm
- Longitudinal slide substantially increased, giving full head to toe C-arm access without patient repositioning
- Trend / Reverse Trend 30°, Down 30°.
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
- Battery charge level is displayed on the hand control

XRT6000 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" and user-definable "Custom" buttons, with 4 line LCD display and in built backlighting for endoscopic and other low ambient-light situations.

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, indicates the cause in the LCD and sounds an audible warning.

EXCELLENT ACCESS

Low profile base gives excellent stability whilst allowing unimpaired 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 easy access and full control.

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.

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 lithium ion battery supplies sufficient charge for over one week's usage and 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 re-position 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 XRT6000 can accommodate patients up to 500kg (see operating instructions for details) and optional width extenders enhance positioning of bariatric patients.

REMOTE INTERFACE

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

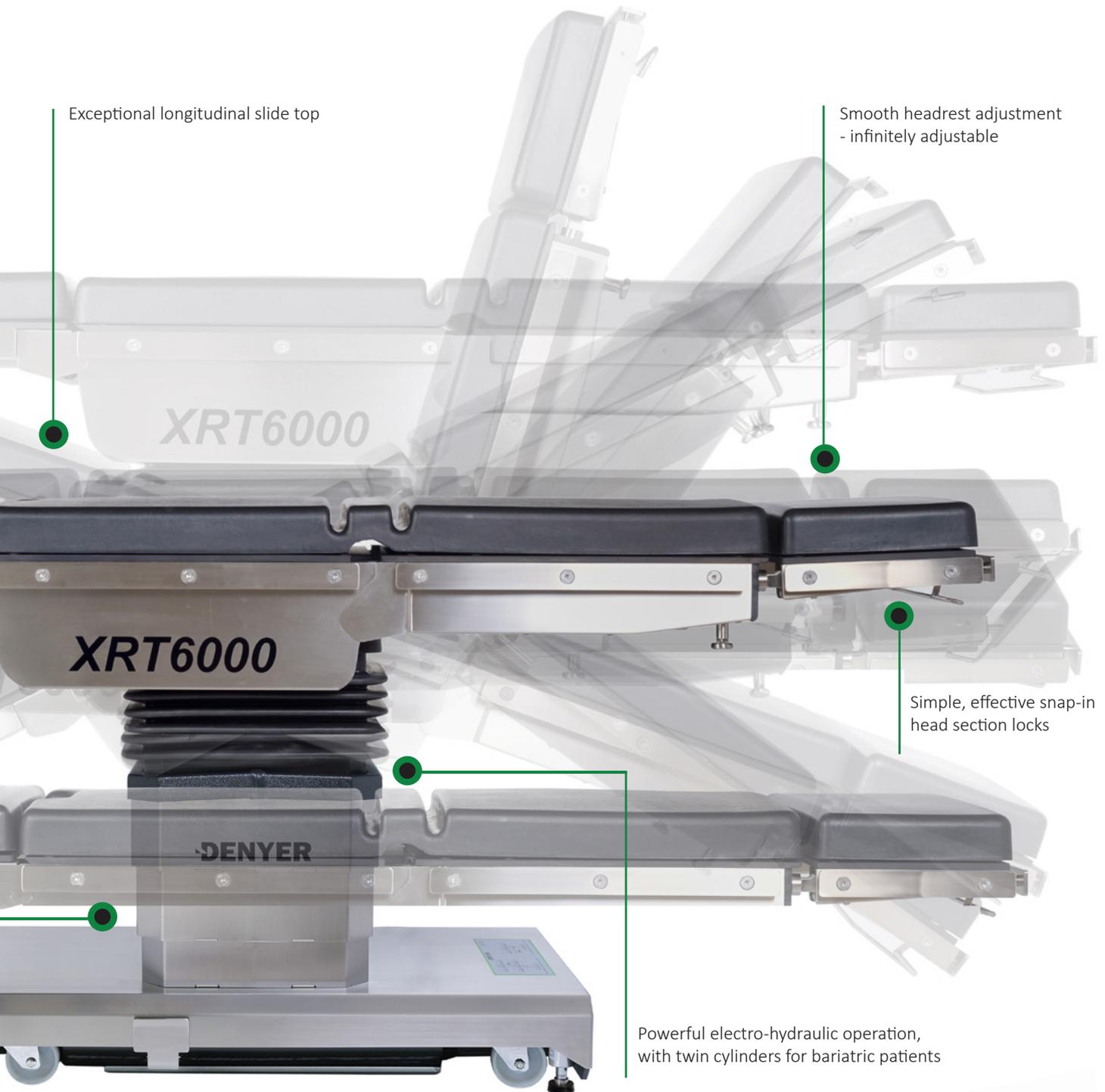
Removable leg section with patented easy release mechanism



20 year life
24 Volt
Lithium ion battery

Infra-red wireless control is available as an option, via a pocket sized handset. Range up to 4mtr from table.





Exceptional longitudinal slide top

Smooth headrest adjustment
- infinitely adjustable

XRT6000

Simple, effective snap-in
head section locks

DENYER

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

Override Pendant
Permanently
connected



Foot Control
Gives Surgeons
independent
hands free control



Exceptional imaging

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

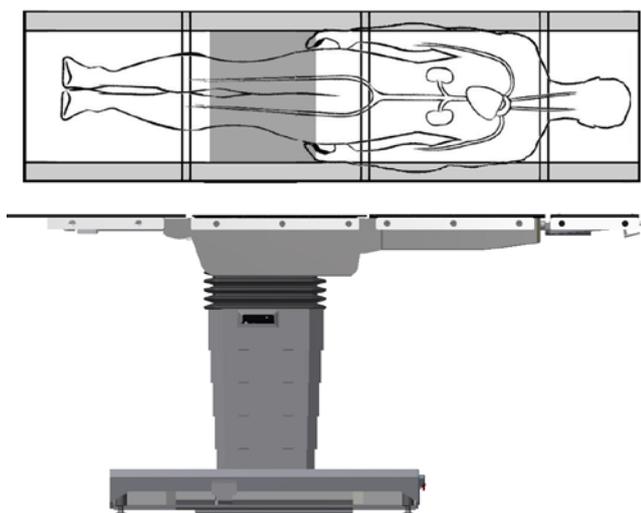
THE IMAGING AREA

The top section of the *Denyer* XRT6000 provides a huge area of Image Intensifier ("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- just press a button on the hand pendant and slide the top section.

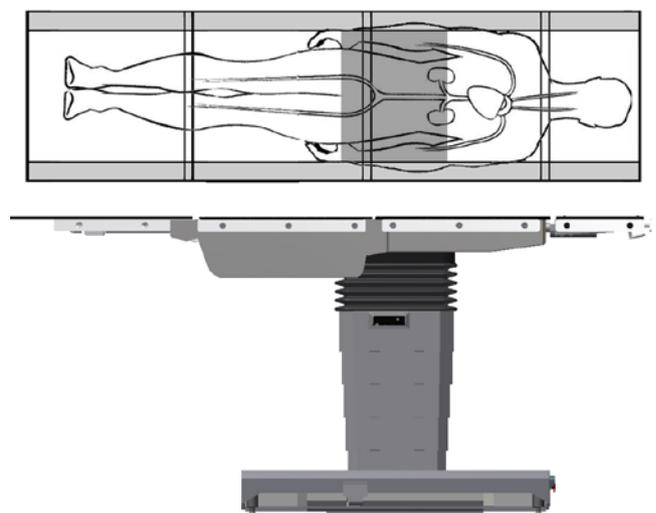
The slide-mechanism is driven by a strong hydraulic cylinder and gears and this means that there are no additional weight restrictions for bariatric patients in extreme Trendelenburg / reverse Trend. Because there is no need for reverse-orientation of the patient, there are major benefits in lifting 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 exceptional clarity.

SLIDE TO HEAD



SLIDE TO LEG



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: 590mm to 1125mm

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: 24 Volt lithium ion, 15AH

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°



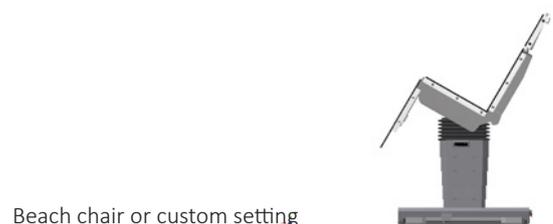
Reverse Trendelenburg 30°



Min. height 590mm



Max. height 1125mm



Beach chair or custom setting



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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

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