

OTC18

CEILING MOUNTED TUBE CRANE



The OTC18 ceiling mounted tube crane highlights an advanced, technologist-friendly touchscreen console providing seamless operation of your radiographic system by displaying tube angulation and SID values. Color-coded movement identification buttons provide optimal precision when setting up views. Peaceful and effortless movements are controlled by an electromagnetic braking system, enabling fast and secure readjustments of the tube head. Its overhead horizontal and transverse tracks provide technologists with limitless imaging procedure capability, including cross-table laterals and other challenging views.

Key Highlights

Technologist-Friendly 10.4 in Touchscreen Display

- Displays angulation, SID, and optional access to generator integrated control values

Synchronized Vertical Tracking (OTC18T)

- Coordinated motorized movements provide quick and accurate alignment of the x-ray tube and the selected table (SID) or wall stand (vertical tracking) image receptor

Choice of Manual or Automatic Collimator

- Selects proper field-of-view for each exam anatomy using pre-programmed APR settings

Five-Tier Telescopic Column

- Extensive movement for complete head-to-toe imaging including weight-bearing and recumbent

Electromagnetic Brake System

- Telescopic lift and transverse track

All Lock Release Sensor

- Just place hand on bottom handle to release transverse, longitudinal, and vertical locks

Technical Specifications

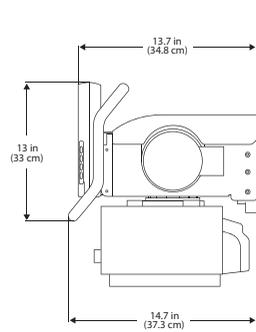
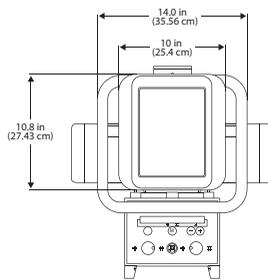
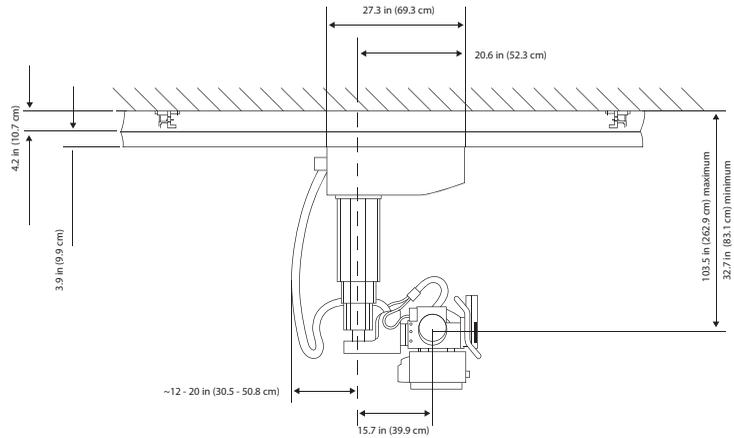
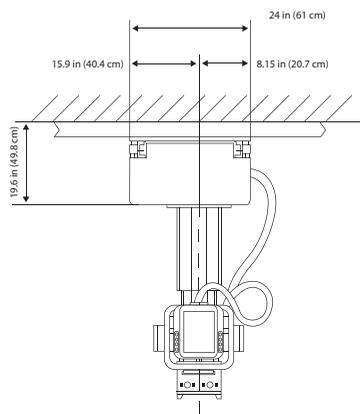
* All specifications subject to change without notice

OTC18 Tube Crane

Room Height (Standard):	105 - 119 in (267 - 302 cm)
Room Height (with Optional Telescopic Extension)	105 - 127 in (267 - 322 cm)
Vertical Telescopic Travel Range:	70.8 in (180 cm) with minimum 32.7 in (83 cm) focal spot to ceiling distance 15.5 in (39.4 cm) focal spot to floor distance with a 9' ceiling height
Longitudinal Travel Range:	14 ft rail (standard): 136 in (346 cm) Rail extensions (optional): 220 in (558.5 cm)
Transverse Travel Range:	10 ft (3 m) track (standard): 86.6 in (220 cm) 13 ft (4 m) track (optional): 140 in (355 cm)
Longitudinal Detent Positions:	Configurable during installation
Tube Rotation Range (Horizontal Axis):	-120°, +120°, detent positions at -90°, 0°, +90°
Tube Rotation Range (Vertical Axis):	-182°, +154°, detent positions at -180°, -90°, 0°, +90°
Locks:	All Lock Release sensor on bottom handle to release transverse, longitudinal, and vertical locks Individual membrane lock releases <ul style="list-style-type: none"> - Roll Lock - Column Rotate - Up (OTC18T) - Down (OTC18T) - Longitudinal - Transverse - Vertical - Vertical / Longitudinal / Transverse
Weight:	~507 lbs (230 kg) with tube & collimator
Power Requirements:	100-240 VAC 50/60 Hz 3.6 A (Maximum input current) 15 A (Circuit breaker suggested)
Options:	<ul style="list-style-type: none"> - Automatic collimator - DAP (Dose Area Product) - Full system integration (with or without generator control)

Environmental Conditions

	Operating	Storage / Transport
Temperature Limits	50°F - 95°F (10°C - 35°C)	-4°F - 158°F (-20°C - 70°C)
Atmospheric Limits	20.7 inHg - 30.74 inHg (700 hPa - 1060 hPa)	14.5 inHg - 30.74 inHg (500 hPa - 1060 hPa)
Relative Humidity Limits	20% - 75% Non-condensing	10% - 95% Non-condensing



DEL MEDICAL



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New York

28 Calvert Street
 Harrison, NY 10528
 (Tel) 800.261.9808
 (Fax) 914.835.6111

Illinois

241 Covington Drive
 Bloomingdale, IL 60108
 (Tel) 800.800.6006
 (Fax) 847.288.7011

www.delmedical.com