

# MTI 428/429/430

## Quad Power Surgery Chairs/Tables 20", 22", & 24" wide



*Model 430 in Reclined Position*

The MTI 428, 429, and 430 Power Surgery Tables were designed with the needs of the medical specialties who require superior head and neck access and positioning of patients for short or long-term procedures, such as Plastic Surgery, Dermatology, Ophthalmology, Otolaryngology as well as others.

At a maximum width of 20" and 22", the Models 428 and 429 allows superior patient access, while the 24" wide Model 430 provides a more broad support surface for the most demanding procedures such as liposuction and vein therapies.

All models are available in either a low base or high base configuration. The low "L" version provides an ultra low 21 1/2" entry height and the "H" Model a 23 1/2" minimum. With four power functions, these tables can be powered to comfortable contour positions, a flat table position or chair position, and then returned to the seated entry position. Programmability is available as an option to power patients to often repeated positions.

These tables are built with the industry leading low voltage 24 volt DC motor technology that is quieter, safer, more powerful and more reliable than traditional high voltage powered tables. These low voltage tables plug into standard electrical outlets.

**MTI**  
Surgery Exam Chairs & Tables



*Model S430 in Flat Table Position*



*Model 428 in Upright Position*

## Standard 428, 429, and 430 Surgery Chair/Table Features:

- Independent power lift, tilt, back, and foot functions, with three table widths to choose from.
- Ultra thin backrest in choice of sculptured or square designs with or without low profile back mounted hospital size rails. (square back design for 430 only-(S430))
- Smoother quieter, safer, more reliable and more powerful are all features of 24 volt DC motor technology.
- Two minimum / maximum height options to choose from with 500 lbs plus patient/accessory lifting capacities.
- Electrical lock-out to prevent any accidental movement.
- Ultra low voltage foot controls with standard auto return, any button cancellation, and coded foot control lockout to prevent accidental operation and to eliminate the operation of the chair by children or other unauthorized individuals.
- Knee-flex back / seat hinging for increased patient comfort during raise and recline movement.
- Choice of one of six category "A" headrests with wear compensating double lock feature.
- Lap strap for patient security and safety.
- 18" Paper roll holder.
- Velcro® attached cushions for ease of color change or replacement and plastic scuff cover.
- Secure mounting for accessory posts, surgical and examination lights, trays, and/or IV rod.
- All steel construction for superior strength and baked on electrostatic paint assure protection and clean ability.
- Listed to UL 2601-1 Part 1, CAN/CSA C22.2 No. 601-1 M90 Part 1, European GENELEC EN 60601-1 Safety Standards for Medical Electrical Equipment Part 1, and IEC60601-1-2 (2001-09)-Part 1-2.

### Options: (see the MTI "Accessories Catalogue" for more information)

- Chair/Table mounted accessory posts, Mayo size standard stainless steel surgical trays and lights, vision block, and IV rods.
- Multi position arm boards with restraint straps, seat mounted armrests (removable) and hand/arm surgery arm board.
- Specialty head rests with wrist or forearm supports.
- Dual programmable foot controls, with auto return and stop functions.
- Swivel Base option.
- Mobile base options
- Accessory rails (foot and seat)
- Optional vinyl colors



*Typical 400 Series Accessories*

### Specifications:

Minimum seat height:	Low Model	21.5" (54.6 cm)
	High Model	23.5" (59.7 cm)
Maximum seat height:	Low Model	33" (83.8 cm)
	High Model	39.5" (100.3 cm)
Max. vertical elevation:	Low Model	11.5" (29.2 cm)
	High Model	16" (40.6 cm)

Foot Section:	428H:	20" tapering to 17" wide x 17" deep
	429H:	22" tapering to 17" wide x 17" deep
	430H:	24" tapering to 17" wide x 17" deep (50.8, 55.9 & 60.7 cm - 43.2 cm x 43.2 cm)

NOTE: Low Model Tables have same the same widths/tapers and are 16" (40.6 cm) deep.

Seat Section:	428:	20" wide x 20.5" deep
	429:	22" wide x 20.5" deep
	430:	24" wide x 20.5" deep
		(50.8, 55.9 & 60.7 cm x 52.1 cm)

Tapered Back Section:	428:	20" tapering to 8" wide x 22" long (50.8-20.3 cm wide x 55.9 cm long)
	429:	22" tapering to 10" wide x 22" long (55.9-25.4 cm wide x 55.9 cm long)
	430:	24" tapering to 12" wide x 22" long (60.7-30.5 cm wide x 55.9 cm long)
Square Back Section:	430:	24" wide x 22" long (70 cm x 55.9 cm)
Maximum Trendelenburg:		35°
Overall length:	Low Model w/o headrest extension	71" (180.3 cm)
	High Model w/o headrest extension	72" (182.9 cm)
	Headrest Extends	6" (15.24 cm)
Electrical:		115/60, 4 amps 230/50, 2 amps
Shipping weight:		386 lbs (175 kg)



3655 West Ninigret Drive, Salt Lake City, Utah, 84104  
800-924-4655 • 801-887-5114 • fax 801-952-0548 • [www.mti-inc.us](http://www.mti-inc.us)

© 2003 Medical Technology Industries, Inc. All rights reserved. MTI reserves the right to make any product changes without notice.

Rev. 03/04 #071002