

MEDI-CRUISER MS 777

**M**edi-Cruiser line  
**MEDI-CRUISER™**  
*Motorized Stretcher (Patent Pending)*



**REVOLUTIONARY**  
**EXTRA SAFETY**  
**GREATER EFFICIENCY**

**SAVION**  
MEDI-CRUISER



## Standard features



Motor engage pedal



IV stand towing bracket



Combination foot board and monitor shelf



Pressure reducing 10cm (4") foam mattress with waterproof, anti-bacterial, fire-retardant and anti-static cover.



Optional - Patient transporter trolley platform, with foot-operated fold-away feature.



Optional - Full-length x-ray lucent elevating platform with access for x-ray cassettes from both sides.

## Features - Benefits

- Takes the physical effort out of patient transport and reduces the risks of attendants' suffering lower back strain.
- Power-driven emergency and transportation stretcher, cuts the start-up force required from the patient attendant to zero, permitting effortless patient transportation over all types of surfaces and gradients.
- Rechargeable 24V electric motor can propel the Medi-Cruiser™ at up to 5mph (8kph) with up to 8 hours operation between charges.
- Features unique fold-away control panel and handlebars with twist hand-grip throttle.
- Safety braking lock.
- 360° turning on retractable 5th wheel.
- Quick release drive pedal permits manual non-motorized operation.
- Patient safety restraint straps.
- Complete emergency and transportation stretcher functions, including hydraulic-twin-pedestal height adjustment, pneumatic fowler, collapsible safety sides, under-bed storage space.
- Wide range of optional platform configurations and Savion accessories available.
- Cuts costs, reduces work-related injuries and increases productivity.

## Construction

The twin-pedestal hydraulic mechanism provides effortless and efficient height adjustment and allows for "hands-free" trendelenburg and reverse trendelenburg functions in an emergency with the utmost safety for the patient. Standard platform is with pneumatically power-assisted backrest accessible either from the side or the head-end, and alternative platform configurations (with knee-gatch, x-ray backrest, full-length x-ray top) are also available.

The trolley, which houses the motor and drive system is manufactured from high-strength fully galvanized steel to ensure longer life, and is covered with an elegant ABS housing, incorporating charge cable rewind, and storage space for patient's effects.

## Mobility

The Medi-Cruiser™ is fitted with 4 smooth-rolling 8" (200mm) castors, with a central braking system which can be accessed from any corner or either end of the trolley. The central-locking mechanism also provides an emergency braking system accessed by the transporter without changing his position.

The central drive wheel provides 5th wheel steering, enabling the Medi-Cruiser™ to be particularly mobile in restricted spaces.

## Options

- x-ray lucent back-rest/platform with cassette drawer.
- electric and semi-electric version.
- head/foot-end hydraulics.
- full fowler - knee-break/gatch adjustable by crank.

## Unique Safety Features

- Advanced electronic controller with auto-diagnostic and trouble-shooting LED control panel
- Medi-Cruiser can only be power driven when the removable key-switch is turned ON
- Protection and neutralizing of the system if any malfunction occurs in the accelerator mechanism
- Drive mechanism is locked when battery is removed
- the electric motor is automatically disconnected and drive function cannot be operated during charging - even if all the other safety functions are overridden
- Speed controller to prevent acceleration in descent
- "Dead-Man Switch" (Power Control Button) - forward drive model can only be used if the operator has both hands on the steering/drive handle-bars and depresses the "dead-man switch" as well as operating the throttle
- The main throttle is spring loaded - raising the hand from the grip will automatically stop the motor
- The motor is protected against overload and/or over-heating by both a cut-out fuse and a thermistor cut-out
- In reverse travel motion, only SLOW speed mode is available
- A loud warning horn is fitted with operation from the control panel



# Medi-Cruiser line

A new line of revolutionary, motorized, self-propelled stretchers and hospital beds.



Optional - C-arm compatible platform

← 35cm (14")

→ 15cm (6")

## Standard features



Safety side rail release lever



Storage space for oxygen cylinder and patient effects



Central locking castors - brake/steer pedals at each corner - also serve as emergency brake



Control panel with LEDs

# Specifications - Medi-Cruiser™ MS 777

## Technical Specifications\*

Weight	170 Kg / 375 Pounds
Max Speed	8 kmh / 5 mph
Continuous working time – in "Hi" mode (With 265lb/120kg load, on a 3° gradient at 75% speed)	Up to 6 Hours
Charging Time	Approx 5 Hours
Handle-bars - Working Height Range	70-100 cm / 27-40 in

## Stretcher Specifications\*

<i>Overall</i>		
length:	216 cm	86"
overall width: fold-down siderails	82 cm	32"
<i>Mattress Surface</i>		
length:	191 cm	75"
width: with fold-down siderails	73 cm	29"
<i>Height Adjustment Range</i>		
minimum height with 8" castors	62 cm	24"
maximum height with 8" castors	92 cm	36"
<i>Siderails</i>		
fold-down: length	145 cm	57"
height	36 cm	14"
<i>Trendelenburg and reverse trendelenburg</i>		
	+/- 17°	
<i>Castors</i>		
	8" with central locking 5th wheel steering 4 brake/steer pedals	
<i>Accessory attachment sockets:</i>		
	4	
<i>I V attachment sockets:</i>		
	4	
<i>Maximum patient load:</i>		
	250kg	550 lbs
<i>Optional Bariatric Model:</i>		
	325kg	715 lbs

## Control Panel



- |                           |                    |                          |
|---------------------------|--------------------|--------------------------|
| 1. Power LED display      | 4. FWD/REV switch  | 7. Battery level display |
| 2. High speed switch      | 5. REV LED display | 8. Horn                  |
| 3. High speed LED display | 6. FWD LED display | 9. Key switch            |

\*Savion reserves the right to change specifications without notice

