

Medi-Cruiser line
MEDI-CRUISER™
Motorized Stretcher (Patent Pending)



REVOLUTIONARY
EXTRA SAFETY
GREATER EFFICIENCY



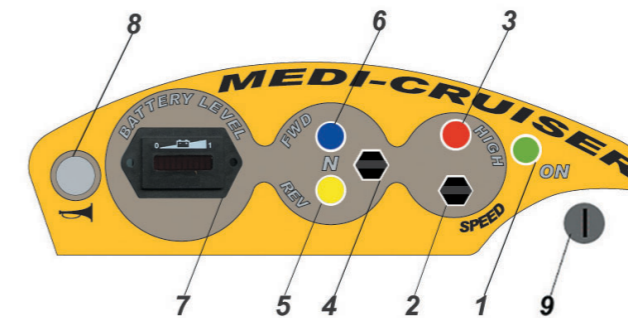
Specifications - Medi-Cruiser™ MS 777
Technical Specifications*

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



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

Standard features



Motor engage pedal



IV stand towing bracket



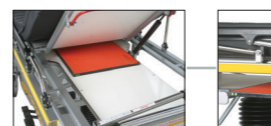
Combination foot board and monitor shelf



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