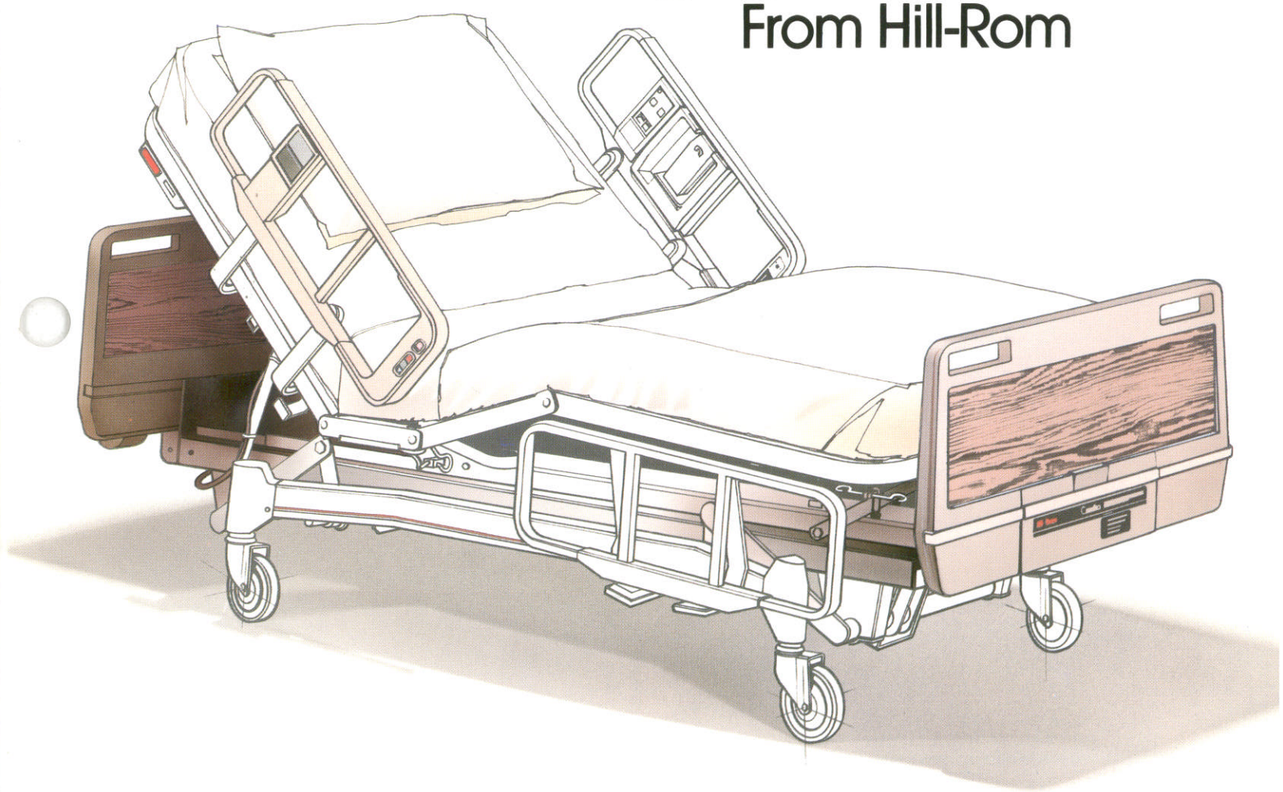
Centra®

From Hill-Rom



The Hill-Rom
Centra retractable bed.

The Centra retractable bed is a state of the art, fully integrated care and recovery system. It stands alone in its versatility and ability to deliver the support required in the patient area. And, the Centra meets the special challenges facing today's hospital environment.

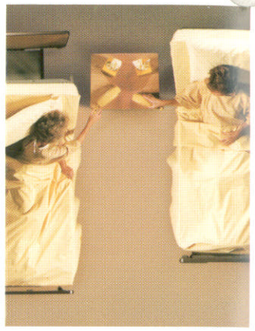
REASON: Value
The Centra can be used in patient areas throughout the hospital. Its features and mobility make it the ideal patient bed from critical care to orthopedics. Maintenance and cleaning are easy. And, the Centra is precision engineered to perform efficiently day after day after day.

REASON: Safety
The Centra is specifically designed for safety. Innovations such as Instant CPR, Retractability, Bed Exit alert, Safety Sides and a special Night Light significantly contribute to the safety and well being of the patient and the staff.

REASON: Productivity
The Centra is geared to meet the demands of the day to day activity centered around the patient. It enhances staff efficiency and performance while reducing daily stress and time-consuming procedures.

Since 1928, Hill-Rom has built a tradition of excellence, integrity and value in patient care systems. The tradition continues.

Centra. For all the right reasons.



INSTANT CPR™

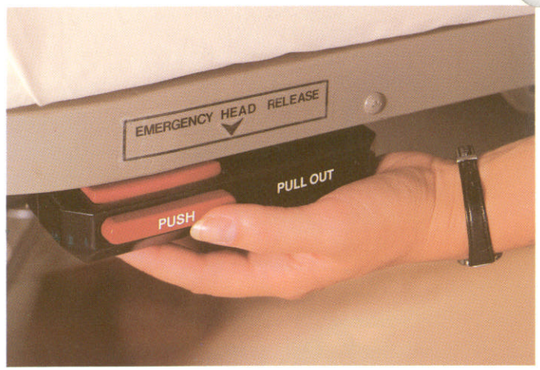
Instant CPR is an innovation which saves vital time in critical situations.

A manual override control allows the staff to instantly lower the head section to a full flat position from any degree of elevation. Normal lowering time, by electronic control, is up to 27 seconds. Instant CPR is two. That's a dramatic savings of time in a life-threatening situation where every second counts. And, to save additional seconds, both the head and foot boards are easily removed for use in the procedure. In fact, both boards are "low profile" for easier access to the patient.

An instant CPR control is located at the head section, on both sides of the bed which enables the nurse to remain at the patient's side. It is activated by a push-pull procedure. The two steps are designed to prevent accidental activation but are accomplished quickly and easily.

Instant CPR can also be of benefit during routine procedures involving the head section. The nurse can quickly and efficiently return the patient to a prone position by engaging the control and guiding the section down with the hand. This can be especially effective when dealing with sleeping or disoriented patients. It can reduce patient discomfort and allow the nurse to proceed to other duties more efficiently.

Instant CPR provides the time required in today's hospital. Fast, efficient and vital.



RETRACTABILITY

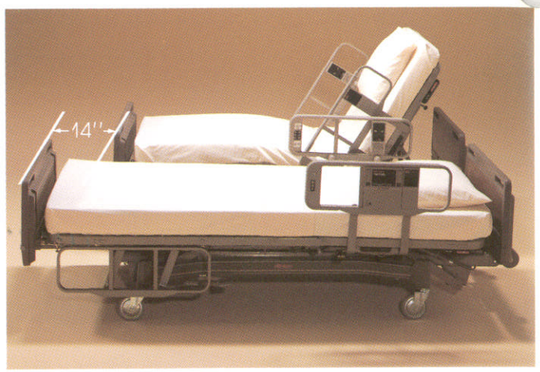
Retractability is a unique concept which combines staff efficiency with patient safety and comfort.

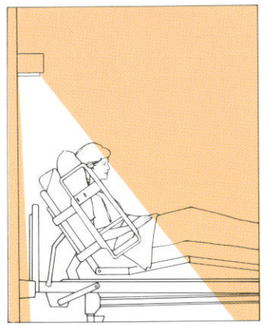
As the head section is raised, the bed retracts toward the headwall instead of away from it. This keeps the patient in the same relative relationship to the headwall and bedside cabinet up to a full 60 degrees of elevation. By keeping the patient close to services and conveniences, retractability increases staff productivity by eliminating many routine bedside visits. Patient safety is enhanced by the elimination of stretching for conveniences and the strain or disconnecting of services.

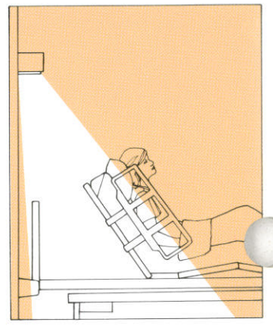
Patients also enjoy the continued full use of existing lights during eating, reading or other procedures where proper lighting is important, especially to the elderly.

Retractability allows the bed to be shortened up to fourteen inches yet still accommodate a seven foot mattress, which can be quite effective when entering a tight space such as an elevator. In fact, a fully retracted bed can provide nearly four square feet of additional space to a room. In orthopedics, retractability helps to keep the patient immobile and in the proper alignment by significantly reducing twisting, turning or stretching to reach objects. It is compatible with any fracture frame requirement and eliminates the need to disassemble for transport.

Retractability can play an important role in helping to reduce the operating costs in today's patient room.



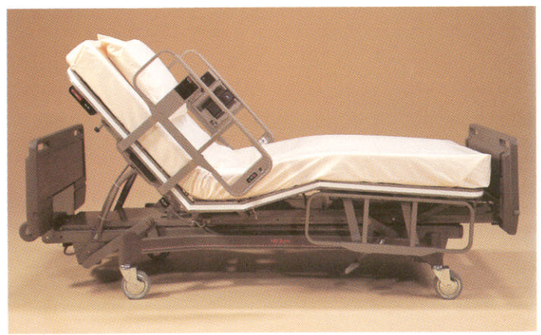




AUTO CONTOUR

Automatic contour elevates the knee section automatically to fifteen degrees as the head section is raised. This provides proper therapeutic positioning and significantly increases patient comfort. It also prevents the patient from slipping toward the foot of the bed, thus eliminating the strain and time-consuming procedure of repositioning the patient.

For patients who should not have any leg elevation, Automatic Contour can be disengaged by activating the lock-out control at the foot end of the bed.



BED EXIT SYSTEM™

The Bed Exit System (BES) is a revolutionary new feature that helps to prevent and reduce bed falls and the serious consequences that can result.

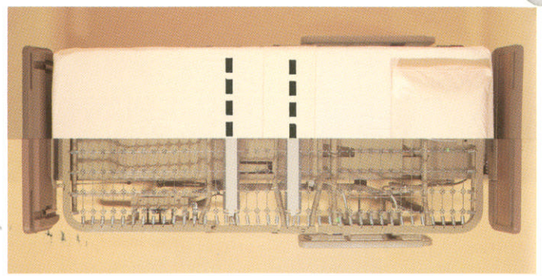
Two special sensor strips, running horizontally, are located between the sleep surface and the mattress. When a patient's weight is lifted off the strips, the sensors send a time delayed electronic signal to the nurse's station. This interval is programmed to allow for patients who are merely shifting their position and not exiting the bed. It is important to note that the Bed Exit System works most effectively when Hill-Rom mattresses are used on the bed.

The BES can be operated at the staff's discretion. An on/off control is located on the SideCom unit and specifically positioned to make it difficult for the patient to reach.

While this system can help prevent falls from the bed, studies have shown that most patients fall during their first few steps. The BES is geared to address this problem. By instantly reacting, the staff can reach the patient before the fall occurs. Even if the patient has already fallen, the nurse will be on hand, within seconds, to take the proper action.

In addition, patients who know they are being monitored, are less likely to get out of bed. And, they will appreciate the additional care they're receiving.

The BES, when used in conjunction with the Safety Sides, provides unparalleled patient safety and care. And, in today's cost conscious environment, it can significantly influence the costs of extended care and litigation associated with bed falls.



CENTRAL BRAKE AND STEER

The Central Brake and Steer system combines unequaled stability with high mobility. Large, easy-to-read pedals are located on both sides of the bed for quick, easy access and are responsive to a light touch. This one-step procedure eliminates the need to work each individual caster thereby saving time and energy.

To insure that the bed will remain stationary, the nurse simply engages the brake pedal. This securely locks one caster at the foot and one caster at the head of the bed and keeps the bed from moving in any direction. This stability is extremely important when the patient gets in or out of the bed, since it allows the patient to use the bed for support, instead of using the nurse. This is also important during patient transfers when complete stability is critical.

To engage the steering system is just as easy. Once the steering pedal has been engaged, the left foot caster locks into a non-swivel position. This eliminates swaying as the bed makes sharp or radial turns and reduces the nurse's strain in steering. In fact, the bed can be easily moved by only one nurse.

Stability, safety and security. That's the Central Brake and Steer system.

HI-LO CONTROL

The HI-LO control allows the nurse to lower or raise the bed to the desired height. Patient entry or exit is safer and less strenuous, since the nurse can use the bed to assist in bringing the patient to standing or sitting position. As an additional safety feature, a brief audio signal is activated when the bed reaches the maximum low position.

With the controls on both sides and the foot of the bed, the Hill-Rom concept of "direct care triangle" is provided. The nurse can control the bed from any position around the perimeter, thus reducing steps and saving time. This allows the nurse to be at the patient's side during special situations and enhances the patient's sense of security.

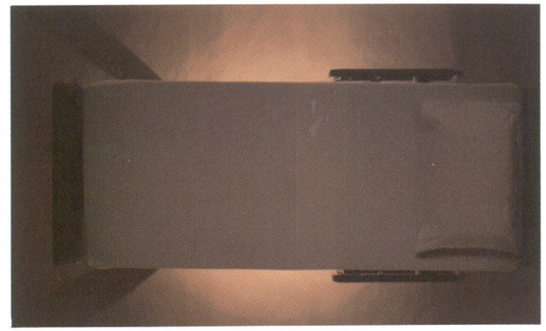
NIGHT LIGHT

The Night Light provides safety, security and assurance to the patient.

Centrally located under the bed, the Night Light effectively illuminates the floor surrounding the bed without disturbing the patient. This allows the patient to become quickly oriented with the floor and surroundings thus lessening the chance for stumbling or falls. It also provides increased safety and convenience for the staff since the light can illuminate protruding items and objects on the floor.

The Night Light is controlled by a sensor which automatically activates the light when the existing room light dims. In addition, there is a manual switch that allows the light to be turned off if the patient requests it.

The Night Light offers safety, security and convenience for the patient and the staff.



SAFETYSIDES

The SafetySides are designed with the patient and nurse in mind. They provide support when the patient enters or leaves the bed which reduces strain on the nurse. They may be lowered to the sleeping surface to provide the nurse with easier patient access. And, the "tuck-away" feature allows them to be stored completely under the bed frame for easier and safer patient transfer, easier linen changes and increased maneuverability in tight spaces.

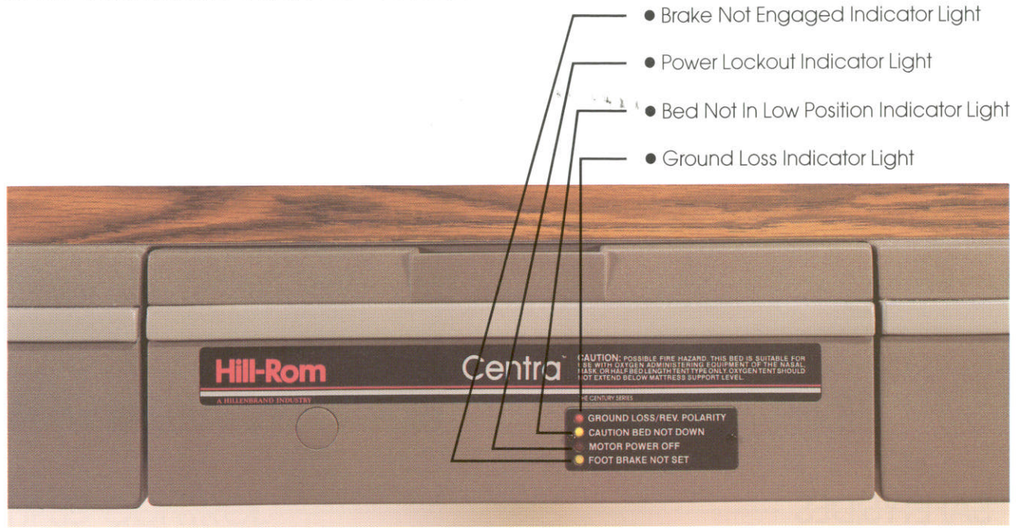
Of course, SafetySides are only effective if they are kept raised while the patient occupies the bed. To encourage this, fingertip bed controls are built into the SafetySides. Located on both sides of the rails, they can be controlled by both the patient and the nurse. These controls are always in sight and reach of the patient and are an incentive to keep the SafetySides up at all times. For comfort, the patient can adjust the head and knee section without calling the nurse which frees her for other duties.

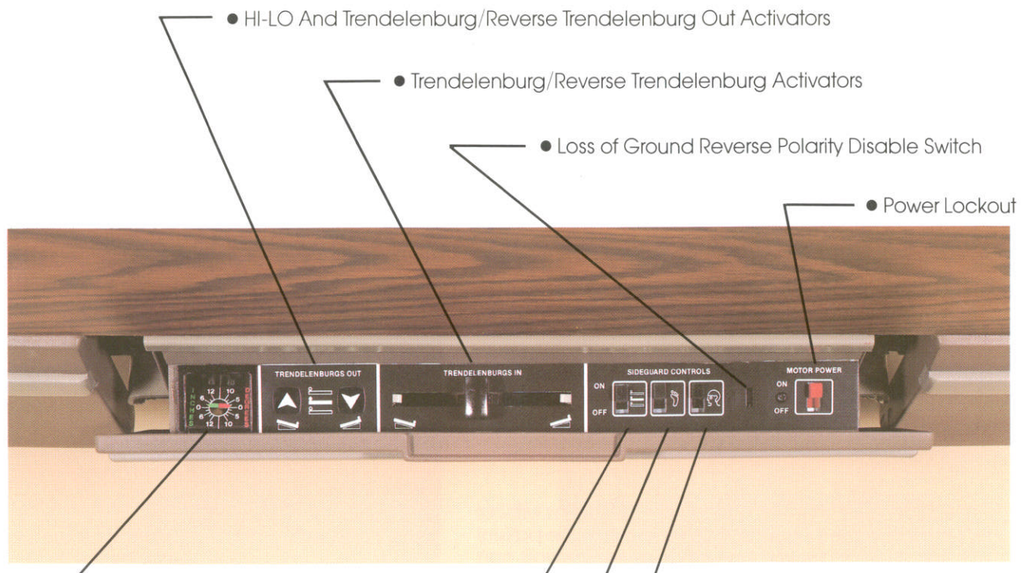
At bedside, the nurse can control these functions without leaving the patient's side and can reposition the patient with less strain and stress. In addition, these controls can be locked out from the foot end of the bed.

SafetySides were developed through years of research and field testing. Today, they are accepted and used by more hospitals than any other type of sideguards.

FOOTEND CONTROLS

The footend controls provide additional patient safety and staff convenience. Patient control lockouts, safety indicators and Trendelenburg gauges are all located in this panel.
NOTE: Trendelenburg is engaged from the high position. Reverse Trendelenburg is engaged from the low position.



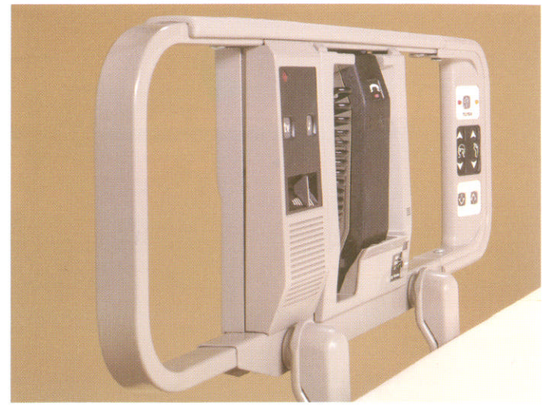


SIDECOM® SYSTEM

SideCom is a complete communication/control system built right into the Safety Sides. It integrates nurse call, lighting, TV/Radio and bed control within easy, constant reach of the patient.

With SideCom on both sides of the bed, patients control their lighting, communication, comfort and entertainment easily and conveniently. This not only enhances the patient's safety and self-reliance, it reduces routine staff visits. It also eliminates the hazards and maintenance problems associated with pendants and pillow speakers. For the nurse, it centralizes the various controls at the patient's side. And, the international graphic symbols provide instant identification of the various controls.

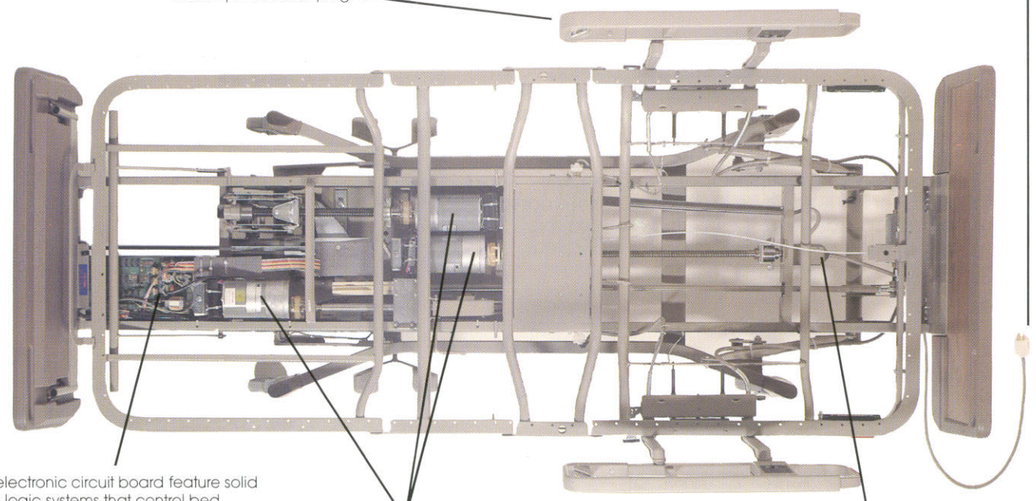
TELEMATE™
TeleMate is a telephone specifically designed for the patient. Since it is mounted on the Safety Sides, TeleMate reduces the clutter on the bedside cabinet and increases patient safety by always being within easy reach. In fact, it can be easily removed and placed elsewhere for continued patient access. The oversized feather touch controls are simple to use and are completely sealed for easy cleaning. And, TeleMate can interface with EKG monitors and other electronic technology. TeleMate is a safe, convenient link to family and friends.



ENGINEERED FOR PRECISION AND SAFETY

Low voltage side guard controls operate at intrinsically safe power levels and feature pin indexed plug.

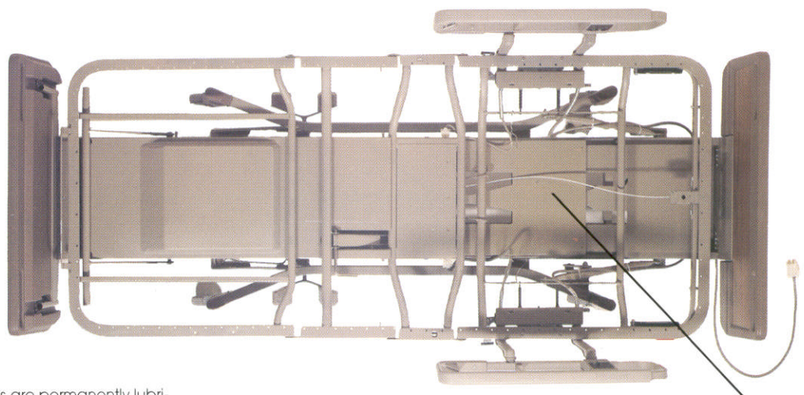
The Centra bed features the new U.L. listed straight line hospital grade plug.



The electronic circuit board feature solid state logic systems that control bed adjustments.

Totally enclosed, precision gear motors are designed specifically for hospital use. The Centra features automatic thermal overload protection on all three universal motors which are interchangeable.

Power cord grounds the bed frame at the junction box and provides a path for power to the motors. The bed is engineered to maintain less than 35 microamperes leakage in a non-grounded, reverse polarity condition. All electrical components are isolated from the bed frame for additional safety.



All the bearings are permanently lubricated to insure smoother operation and reduced maintenance.

Mechanisms are enclosed to protect them from damage and to increase sepsis control in the patient room.

Details of design, construction and performance of the Centra are completely in accordance with applicable standards of the National Electric Code Article 517 for "Health Care Facilities", Underwriter's Laboratories Inc. U.L. 544 "Standard for Medical and Dental Equipment", the National Fire Prevention Association Bulletin No. NFPA 76B "Standard for the Safe Use of Electricity in Patient Care Areas" and "An American National Standard ANSI/AAMI SCL for Safe Current Limits for ElectroMedical Apparatus".

OPTIONS/ACCESSORIES

1	325	Foot End Safety Sides
2	818C	Bumper
3	284B	Bumper
4	155-05	Infusion Support System
•	2217	IV Rod
•	844A	Trapeze Bracket
•	847	Fracture Frame Adaptor
•	850	Helical Non-sag Spring
•	852	Orthopedic Sleep Surface (Hard Pan)
•	384	SideCom-Nurse Call, Entertainment, Bed Exit System (Fabric)
•	385	SideCom-Nurse Call, Lighting, Entertainment, Bed Exit System (Fabric)
•	382	SideCom-Nurse Call, Entertainment (Hardpan)
•	383	SideCom-Nurse Call, Lighting, Entertainment (Hardpan)
•	389	SideCom (Upgrade System)
•	395A	TeleMate (Rotary Outpulse)
•	395B	TeleMate (Touchtone)
•	806	35" X 84" Low Profile Segmented Karr® Spring Mattress with Staph-Chek® Ticking, 12 Year Warranty.
•	916	84" Low Profile Karr Spring Mattress with Staph-Chek Ticking, 10 Year Warranty.
•	906	84" Low Profile Bonnell Spring Mattress with Staph-Chek Ticking, 5 Year Warranty.

Hi-LO travel time . . . . . 21 seconds
Sleeping surface . . . . . 36"X82"* . . . . . 91.44 cm.X208.28 cm.
Overall (without bumpers) . . . 36½"X91" . . 92.71 cm.X231.14 cm.
Bed frame clearance with standard 5" casters . . 7½" 19.05 cm.

*Made for 84" mattress
The Centra bed is listed by Underwriter's Laboratories, Inc.

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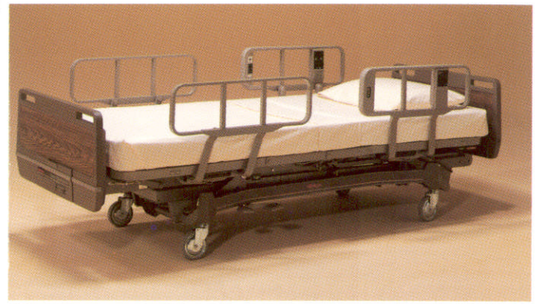

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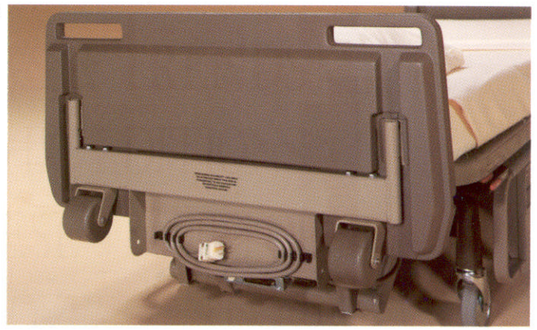

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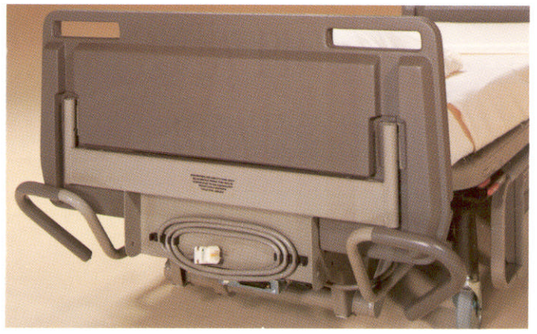

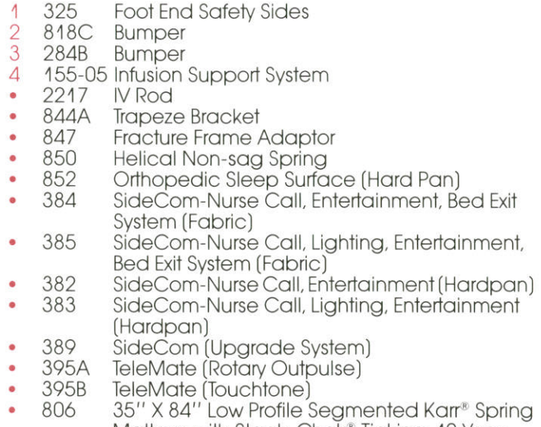

ORTHOPEDICS
The Centra Retractable Bed is compatible with any fracture frame requirement by simply using a hinged upright (shown here), telescoping overhead bar or smooth track assembly. This type of equipment is available from the major manufacturers of fracture frames.

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