



Hana[®]

Superior surgical access





Optimized For Orthopedic Procedures

The **Hana® Orthopedic Surgery Table** is a state-of-the-art orthopedic table that enables surgeons to perform a variety of fracture and orthopedic procedures, including the anterior approach for total hip replacements.

With its unique capability to position the leg, the Hana table enables the surgeon to replace the hip through a short single incision^{1,2} without detachment of muscle from the pelvis or femur.^{3,4} The table allows hyperextension, abduction, adduction and external rotation of the legs for femoral component placement - a positioning option not possible with conventional tables. For this reason, the Hana table is an excellent resource for many orthopedic surgical procedures including femur fractures (supine or lateral positions), tibia fractures, hip pinnings, hip scopes, and total knee arthroplasties.

Hana® Spar Lift-Assist

Ergonomically lift-assisted leg spars provide lighter weight manipulation of the patient's legs



450 lbs.
weight capacity (207 kg)



Simplified Leg Maneuverability

- The leg spar joint design provides exclusive table maneuverability and aids in the articulation of the lower extremities
- Spars and traction boots allow precise control of patient position, manipulation, and traction
- Fracture kit helps support all lower extremity fracture procedures



Fine & Gross
Traction



Superior Access^{1,2}

Radiolucency For Imaging

- Carbon fiber construction
- Radiolucent leg spars and top for uninterrupted imaging
- Unrestricted C-arm access

Supine/Lateral Patient Position Options

- Tempur-Pedic® medical pad for patient comfort
- Narrow supine and lateral pelvic support options
- Multiple arm board options for enhanced patient positioning

Lower Extremity Manipulation Options

- Leg Spars permit traction, rotation, abduction/adduction, and raising/lowering of the legs
- Spar Traction Assembly facilitates both skin and skeletal traction
- Hana Knee Flexion System® allows for flexion/extension and internal/external rotation of the leg for total knee procedure (optional accessory)



Radiolucent Leg Spars and Traction Boots

The leg spars of the Hana table provide unparalleled radiolucency. They are designed to provide unrestricted C-Arm access for lower extremity procedures. The table and leg spars' radiolucency allow for intraoperative fluoroscopy proven to provide more accurate leg length^{5,6} and component placement.⁵⁻⁹

Traction boots are used to secure the patient's feet to the leg spars for procedures requiring skin traction. Optional pin and wire holding attachments are available for surgical procedures requiring skeletal traction.

Procedures Supported

- Anterior Approach (AA) Total Hip Arthroplasty (THA)
- Lateral Positioned THA
- Hip Arthroscopy
- Hip Pinning
- AA Hemiarthroplasty
- Intramedullary (IM) Femoral Nailing
- Retrograde IM Femoral Nailing
- Femur Plating
- IM Tibial Nailing
- Lateral Decubitus IM Femoral Nailing
- Total Knee Arthroplasty (TKA)



Femur Hook and User-Controlled Power Lift

The Hana® table incorporates patented femoral hooks and a lift support system for use in anterior approach hip replacement surgery. The lift support assembly features a foot pedal activated power control for raising and lowering the femoral hook. The femoral hooks are designed to enhance femoral exposure for canal preparation and improve component placement. This hands-free interface provides the user with complete intraoperative control.

Features

Radiolucent Lift-Assist Leg Spars

- Lift-assisted spars lighten the load on OR staff
- Independently position and articulate the patient's legs
- Enables abduction, adduction, hyperextension, and flexion of the lower extremities
- Carbon fiber construct allows unrestricted C-Arm access for intraoperative anterior/posterior, lateral and oblique fluoroscopic views

Fine and Gross Traction Adjustments

- Fine tune traction needs from full joint distraction to fracture reduction
- Traction boots secure the patient's feet to the spars, with pin and wire holder options for skeletal traction

Pressure Equalization Pads with Tempur-Pedic®

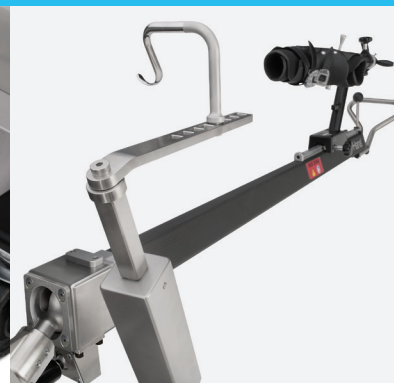
- Equalizes pressure load on patient during surgery for safety and comfort
- Contours to patient anatomy with support

Femur Hook with Power Lift

- Unique femur hook design enhances femur exposure
- Foot-pedal activated power lift, controlled by surgeon

Hana Patient Care Kits

- Specifically designed for use on the Hana
- Fluid barrier protects the Hana and aids infection control
- Soft pads provide support and optimize patient position



Specifications & Components



Specifications

Table Top Length	48.5 in. (123 cm)
Table Length w/Spars	124 in. (315 cm)
Table Base Width	36 in. (91 cm)
Table Top Width	21.5 in. (55 cm) at Head-End 10 in. (25 cm) toward Foot-End 5 in. (13 cm) at Perineal Post 30 in. - 50 in. (76 cm - 127 cm)
Table Top Height Range	
Leg Spar Articulation	28° Degrees up (10° Degrees with Lift Assist Support) 35° Degrees down 20° Degrees adduction 45° Degrees abduction
Lateral Tilt	12° Degrees
Trendelenburg	12° Degrees
Reverse Trendelenburg	12° Degrees
Patient Weight Capacity	450 lbs. (204 kg)

Ordering Information

REF

6875 Hana® Orthopedic Surgery Table
120V, 4A, 60Hz

6875i Hana® Orthopedic Surgery Table
220-230V, 2.5A, 50/60Hz

6875j Hana® Orthopedic Surgery Table
100V, 4A, 50/60Hz

Disposable Components

REF

6851	Hana Patient Care Kit (6/cs)
5858	Patient Isolation Drape (12/cs)
5937DZ	Disposable Boot Liners (12/cs)
6855-13	Adult Perineal Post Cover (12/cs)
5929DZ	6 in. Dia. (15.2 cm) Perineal Post Cover (12/cs)

Standard Components

- Hana Table Base
- Patient Safety Strap, 90 in. (229 cm)
- Hana Hand Pendant
- Femoral Hook Support (2)
- Femur Lift Extension (2)
- Classic Femoral Hooks, Left/Right
- Femoral Hooks, Left/Right
- Femur Lift Assembly, Left/Right
- Hana Femur Lift Foot Pedal
- Adult Perineal Post
- Hana Lift-Assisted Radiolucent Leg Spars, Left/Right
- Large Traction Boot, Pair
- Small Traction Boot, Pair
- Traction Hook Extender (2)
- Well Leg Support Adapter
- Articulating Bracket
- Well Leg Support Assembly
- Hana Arm Board (2)
- Femur Lift Emergency Crank Handle
- Hana Table Cover
- Hana Patient Care Kit (3/cs)

Optional Accessories

REF

6875-500	Hana Equipment Cart
6850-487	X-Large Traction Boot, Pair
6850-170	Lower Leg Support
6875-250	Lateral Perineal Post and Board
6875-230	Hana Knee Flexion System®
5855-61	Accessory Clamp
5857	Cross Arm Support with Pad
5393	Clark Socket
3368	3 in. (7.6 cm) Shortened Perineal Post
6850-420	3 in. (7.6 cm) Extended Perineal Post
3369	Large Diameter Perineal Post, 6 in. (15.2 cm)
6300-93	90° Degree Pin and Wire Holder, Ovation
6850-27	ProFx® Traction Boot Adapter Assembly
5855-411	Tibia Traction Upright
5855-345	Traction Unit
6850-25	Tibia Traction Boot Adapter
5855-440	Traction Foot Plate Assembly
6875-2740	Patient Transfer Board with Pad
6950	Tempur-Pedic® Medical Positioning Pad Set, 6 pcs
6875-2761	Hana Fracture Kit
	Kit Includes:
	Patient Transfer Board with Pad
	Head & Foot-End Complete Drape Assembly
	Lateral Perineal Post and Mount Bracket
	Traction Device Hook
	Patient Isolation Drapes (3)

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References

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3. Seng et al., Anterior-supine minimally invasive total hip arthroplasty: defining the learning curve. Orthop Clin North Am., Jul 2009, 40(3): 343-50
4. Moskal et al., Anterior muscle sparing approach for total hip arthroplasty. World J Orthop., Jan 2013, 4(1): 12-18
5. Matta et al., Single-incision anterior approach for total hip arthroplasty on an orthopaedic table. Clin Orthop Relat Res., Dec 2005, (441): 115-24
6. Masonis et al., Safe and accurate: learning the direct anterior total hip arthroplasty. Orthopedics, Dec 2008, 31(12 suppl 2)
7. Jennings et al., Intraoperative Fluoroscopy Improves Component Positioning During Anterior Hip Arthroplasty. Orthopedics, Nov 2015, 31(11): e970-975
8. Hamilton et al., Comparison of Cup Alignment, Jump Distance, and Complications in Consecutive Series of Anterior Approach and Posterior Approach Total Hip Arthroplasty. Journal of Arthroplasty, Nov 2015, 30(11): 1959-1962
9. Slotkin et al., Accuracy of Fluoroscopic Guided Acetabular Component Positioning During Direct Anterior Total Hip Arthroplasty, Sep 2015, 30(9): 102-106



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