



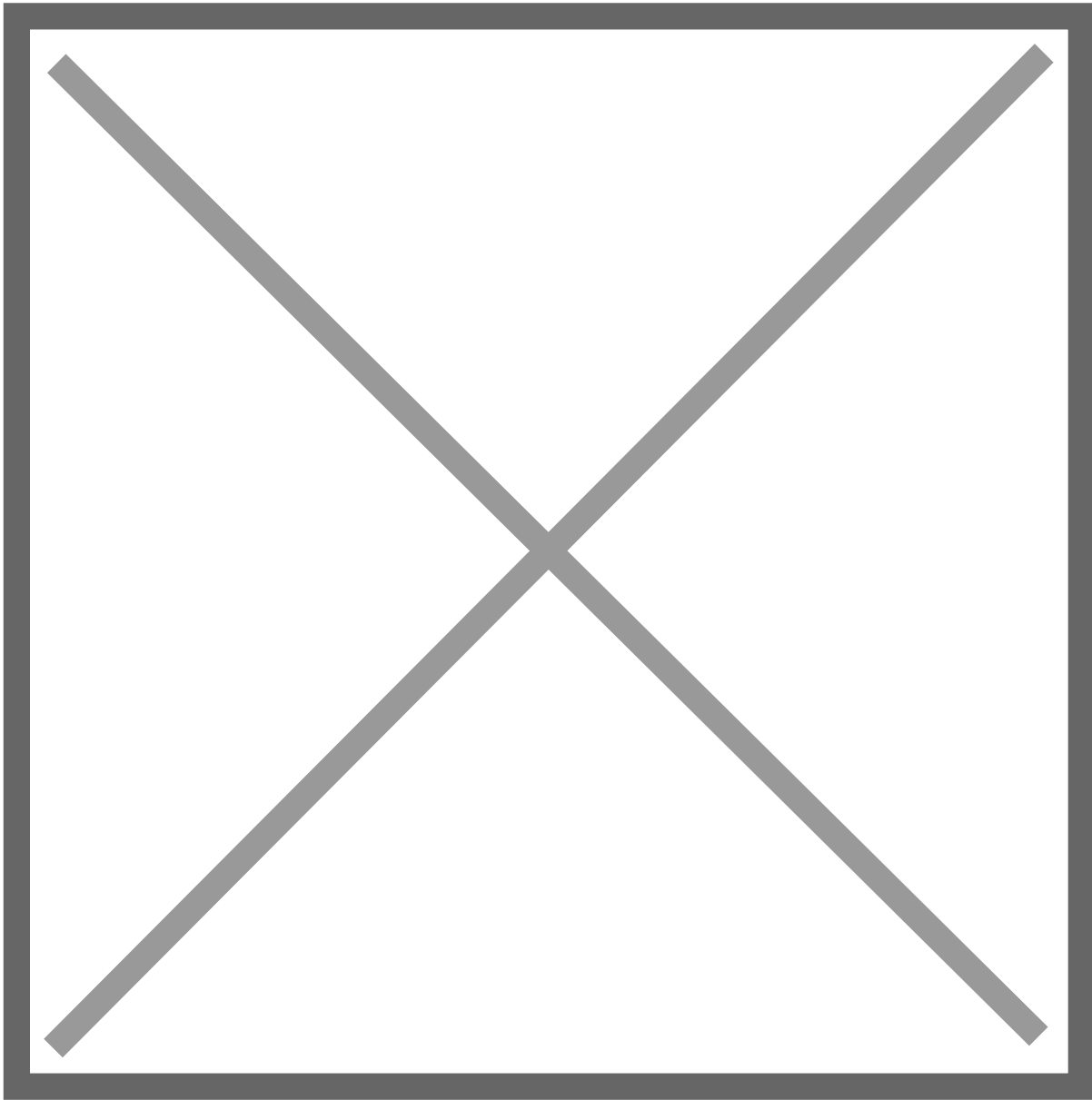
BIRTHING BED (ELECTRIC)

Gynecological Examination Table and Obstetric Gynaecology Beds

The ToronComfort™ 1010 electric birthing bed brings labor, delivery, postpartum recovery, gynecological examination, and minor operation onto a single powered platform. Built around the labor-delivery-recovery (LDR) concept, the bed keeps the mother in one place from admission through recovery, reducing transfers at the most sensitive stages of birth. Linear electric actuators drive backrest, seat, height, and leg movement, so staff position the patient precisely from a control panel.

The BB 2000 supports more than fifteen birth positions, from semi-seated and squatting to lithotomy and throne, letting the mother find a comfortable, effective posture during labor. A detachable auxiliary table, V-cushion, and power-assisted handrails adapt the bed to each stage, while mechanical CPR release flattens the surface quickly for emergency care. The bed adjusts from a 485 mm entry height for easy patient access up to 860 mm for clinician comfort during delivery and perineal repair.

Stainless and polyurethane surfaces with a waterproof, breathable mattress withstand fluids and repeated disinfection, lowering cross-infection risk between patients. Four central-brake casters and anti-collision bumpers keep the BB 2000 electric birthing bed stable in the room and protected during transport. Maternity hospitals and birthing centers use it as a single-room solution for the full obstetric workflow.



APPLICATIONS

Applications

The ToronComfort™ 1010 covers the full obstetric and gynecological workflow, from early labor through postpartum recovery and minor procedures.

- Labor and Delivery (LDR) Rooms: keeps the mother on one bed through labor, birth, and recovery, removing transfers during active labor
- Natural and Active Childbirth: supports more than fifteen birth positions so the mother can use gravity and movement to progress labor
- Postpartum Recovery and Breastfeeding: a motorized backrest and flat, breathable surface let the mother rest and feed comfortably after birth
- Gynecological Examination and Minor Surgery: lithotomy positioning and a detachable auxiliary table support pelvic exams, suturing, and outpatient procedures
- Obstetric Emergencies and Cesarean Preparation: mechanical CPR release and rapid flat positioning convert the bed for emergency care without moving the patient
- Maternity Hospitals and Birthing Centers: serves as a single-room platform that handles admission, birth, and recovery for higher patient throughput
- Epidural and Assisted Delivery: stable, adjustable positioning supports anesthesia placement and instrument-assisted births



Standards

The ToronComfort™ 1010 is designed and manufactured to internationally recognized medical-device and electrical-safety standards for powered medical beds.

- IEC 60601-2-52 - Medical Electrical Equipment, Part 2-52: Particular Requirements for the Basic Safety and Essential Performance of Medical Beds
- IEC 60601-1 - Medical Electrical Equipment, Part 1: General Requirements for Basic Safety and Essential Performance
- IEC 60601-1-2 - Medical Electrical Equipment, Part 1-2: Electromagnetic Compatibility, Requirements and Tests

- ISO 13485 - Medical Devices: Quality Management Systems, Requirements for Regulatory Purposes
- ISO 14971 - Medical Devices: Application of Risk Management to Medical Devices
- ISO 10993-1 - Biological Evaluation of Medical Devices, Part 1: Evaluation and Testing Within a Risk Management Process

FEATURES

Key Features

1 Epidural anesthesia position

Ideal for painless delivery. It helps reduce pain during labor, relieve lower back tension, promote relaxation, and make both mother and baby safer.

It also reduces hypotension and is easier to control.



2 "C" position

With the mother in a C-shaped curve, the driving angle of the spine increases, helping the baby align with the pelvic entrance. This enhances pelvic outlet expansion and facilitates delivery.

As the delivery ball swings, the partner's touch can promote descent while continuously monitoring the fetus.



3 Semi-seated position

A semi-sitting posture can relieve pressure on the uterus, improve circulation, and reduce the risk of shoulder dystocia, maintain normal uterine blood flow, ensure adequate oxygen and blood supply to the fetus, and reduce the risk of postpartum hypoxia and relieve the mother's dyspnea.



4 Kneeling posture

Mothers can kneel and lean forward, which helps relieve lower back pain or allows staff to massage or apply cold/hot compresses to the lower back.

If epidural anesthesia is used, first confirm whether the knees can bear the body's weight.



5 Supporting full squat position

Supporting a full squat helps open the pelvis, maximize fetal descent, shorten labor, and reduce the need for forceps or vacuum.

It also accelerates labor and reduces delivery time.

Both lower limbs are supported to help exertion.



6 Left position

Pull the mother's thighs up to the abdomen and straighten her left calf to achieve a side-lying lunge. This widens the pelvic angle and increases the outlet diameter. Assisted by the calf rest and leg support, this position reduces pressure and helps the baby descend. Gentle pressure on the raised foot helps achieve the lunge.



7 First aid position

With the head lowered and feet raised, this position uses gravity to help protect against umbilical cord prolapse. It is suitable for premature rupture of membranes and helps the fetus descend safely.



8 Stone position

When the fetal head is delayed under the pubic symphysis, this position helps the baby slide more smoothly beneath the pubic symphysis and continue descending.



9 Suture position

This position is convenient for monitoring vital signs during procedures, observing vaginal bleeding, and performing vaginal suturing when needed.



10 McRoberts position

This position flexes the mother's thighs toward the abdomen to widen the pelvic outlet and assist delivery. It is commonly used for shoulder dystocia and helps promote fetal descent.



11 Birthing ball support position

Using a birthing ball can help relieve pain, promote relaxation, open the pelvis, and encourage fetal descent. Gentle back support from the caregiver improves comfort during contractions.



12 Sitting posture with calf support

If the mother has epidural anesthesia, she may be placed in a half-lying, seated posture with leg support. Once the fetus is exposed, she can begin active pushing.



13 C-curve throne position

In the C-curve seated posture, the mother leans forward, helping the baby and uterus move toward the abdomen. This supports fetal descent and may be maintained for 30 to 45 minutes.



14 Throne position

This posture allows the mother to sit upright at the back of the bed with intermittent support. Gravity assists fetal descent and helps open the pelvic outlet.



15 Towel-assisted traction position

Using the side handrail or a towel for counter-pull support can help the mother engage her abdominal muscles and promote labor. With epidural anesthesia, the feet can rest on the crossbar while staff support the knees.



The ToronComfort™ 1010 pairs full electric control with obstetric accessories designed for every stage of birth.

- Full Electric Positioning: four linear motors drive backrest, seat, height, and leg movement from a siderail control panel for effortless, precise adjustment
- Fifteen-Plus Birth Positions: a wide range of postures, from semi-seated to squatting and throne, lets the mother labor and deliver in the most effective position
- LDR Single-Room Workflow: one bed handles labor, delivery, recovery, and examination, removing patient transfers between rooms
- Mechanical CPR Release: drops the backrest flat in seconds for emergency resuscitation or rapid conversion to an operating position
- Height Range 485 to 860 mm: a low entry height for safe patient access and a high working level for clinician comfort during delivery
- Detachable Auxiliary Table: bears up to 181 kg and removes to open perineal access, then reattaches for examination and procedures
- V-Cushion and Dirt Basin: shape the perineal area for clear access and collect fluids during delivery for a cleaner field
- Power-Assisted and Midwifery Handrails: give the mother secure handholds to manage contractions and hold delivery postures comfortably
- Dual Siderail Control Panels: clearly marked pictogram controls on both sides let staff operate the bed from either approach
- Backup Battery: keeps the bed positionable during a power interruption
- Night Light and Function Lock: a soft light for low-disturbance checks and a lock that prevents accidental adjustment
- Central-Brake Casters and Anti-Collision Bumpers: lock all four wheels for stability and protect the bed and walls during transport
- Whole-Bed Emergency Stop: an accessible stop button on the bed head halts all motion instantly
- IPX4 Splash Protection: water-resistant construction stands up to the fluids of the delivery environment

TECHNICAL SPECIFICATIONS

Technical Specifications

Parameter	Specification
External Dimensions (L × W × H)	2320 × 990 × 485-860 mm
Siderail Height Above Bed Surface	370 mm (without mattress)
Backrest Angle	0-60°
Seat Plate Fold-Up	0-15°
Trendelenburg / Reverse-Trendelenburg Tilt	0-8°
Leg Frame Lifting Stroke	205 mm ±15 mm
Height Adjustment Stroke	375 mm
Safe Working Load	227 kg
Auxiliary Table Safe Working Load	181 kg
Power Supply	100-240 VAC, 50/60 Hz

Maximum Power Input	230 VA
Ingress Protection	IPX4
Safety Classification	Class I
Electric Shock Protection	Type B applied part
Mattress	Waterproof, breathable polyurethane

Standard Configuration

Item	Quantity
Control box	1 pc
Linear motor	4 pcs
Siderail control panel	2 sets
Backup battery	1 pc
Night light	1 pc

Emergency stop switch	1 pc
Headboard	1 pc
Siderail	1 set
Mattress platform (PE)	1 set
Central brake castor	4 pcs
Protective bumper	4 pcs
Holes for I.V. pole	2 pcs
Power-assisted handrail	2 pcs
Leg support	2 pcs
Dirt basin	1 pc
Mattress	1 set



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