

The VM-OHB48 (B48-H) is a three-function hydraulic obstetric bed with an epoxy-coated steel frame and ABS engineering plastic head and side boards. Height adjusts from 665 to 950 mm via hydraulic foot pedal, backrest from 0 to 70° (±5°) via gas spring, and Trendelenburg/reverse Trendelenburg tilts to 14° (±2°) via gas spring — all without electrical supply. The 550 mm telescopic working table is linear bearing-controlled, and the bed is supplied with a high-density sponge mattress (artificial leather cover), adjustable leg supports, sliding grip holder, hand grips, large drain bucket, and four 125 mm castors.

Hydraulic Height Control and Gas Spring Articulation

The VM-OHB48 (B48-H) hydraulic obstetric bed delivers three independently controlled functions without electrical mains supply, making it well suited to facilities with intermittent power or where

electrical dependency is a clinical risk. Height adjustment runs from 665 to 950 mm via a foot-operated hydraulic pedal, providing a 285 mm working range to match clinician posture during delivery, perineal repair, and postnatal examination. Backrest articulation from 0 to 70° (±5°) is controlled by gas spring, allowing the patient to be repositioned from flat to near-seated for second-stage labour, breastfeeding positioning, or post-delivery monitoring. Trendelenburg and reverse Trendelenburg tilt reach 14° (±2°) via gas spring, supporting active management of hypotension, placental delivery positioning, and head-of-bed elevation for respiratory comfort.

Telescopic Working Table, Mattress, and Obstetric Accessories

The telescopic working table extends 550 mm, controlled by linear bearing for smooth, precise movement. The leg section slides away to expose the perineal working area during delivery, and adjustable leg supports with a sliding grip holder are included for patient positioning during the second stage. The mattress is high-density sponge covered in artificial leather — body section thickness 8 cm, telescopic section thickness 14 cm — providing cushioning without excessive compression that could compromise patient positioning. A large drain bucket is supplied for fluid collection during delivery. ABS head and side boards provide impact-resistant surround protection, with hand grips fitted for patient use during active labour.

Frame Construction and Mobility

The bed frame is fabricated from steel with an epoxy powder-coat finish, providing corrosion resistance and a surface compatible with routine hospital-grade cleaning agents. Four 125 mm castors allow ward-level repositioning between rooms or to operating theatre. The hydraulic system operates independently of mains power, making the B48-H appropriate for district hospitals, rural maternity units, and facilities where an electrically dependent obstetric bed presents procurement or operational risk. Available in South Africa from Vital Medical, the VM-OHB48 is suited to maternity wards, labour and delivery suites, and gynaecological procedure rooms requiring a durable, mechanically independent obstetric bed.

Technical Specifications

Specification	Value
Model	B48-H
SKU	VM-OHB48
Type	Three-function hydraulic obstetric bed
Frame	Epoxy-coated steel
Head/Side Boards	ABS engineering plastic
Backrest Adjustment	0–70° (±5°) — gas spring
Height Adjustment	665–950 mm — hydraulic foot pedal
Trendelenburg/Reverse Trendelenburg	14° (±2°) — gas spring
Telescopic Table Extension	550 mm — linear bearing control
Mattress (Body Section)	High-density sponge, artificial leather, 8 cm thick
Mattress (Telescopic Section)	High-density sponge, artificial leather, 14 cm thick
Castors	4 × 125 mm
Leg Supports	Adjustable
Grip Holder	Sliding type
Hand Grips	Included
Drain Bucket	Large, included
Overall Dimensions (L × W × H)	2000/1450 × 900/660 × 620/920 mm
Box Size	1700 × 960 × 800 mm
Estimated Weight	120 kg

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