

ENCO®



OPERAL 36

Universal electromechanical operating table



OPERAL 36

is a modernised mobile operating table with electromechanical drive using three linear motors. It provides a wide range of applications in surgery, neurosurgery, vascular surgery, urology, gynecology, orthopedics, traumatology and ophthalmology.



ENCO is the only manufacturer of operating tables in Slovakia to offer the Operal 36 with motor-controlled table lift as well as trendelenburg/antitrendelenburg positions and lateral inclinations. In addition to microprocessor-controlled movements such as positioning and adjustment of the work bed, the individual segments can be positioned independently by means of gas pens. The working bed can be extended by moving the headrest independently. The leg rests are positionable individually, but also together, by connecting (locking) the two bases. The bed is fully radiolucent.

The table can be moved very easily using the mobile base and stabilised in place by an efficient braking system. Mobile operating table base with electromechanical drive has

a „Y“ shape and allows better access of the surgeon to the patient during the surgical procedure while providing excellent C-arm access. The operating table is made of anti-corrosive materials on the principle of flat surfaces, allowing it to be easily disinfected and cleaned. The individual movements are controlled by a microprocessor.

The control of the operating table movements is provided by a hand controller, which is part of the table and allows the input of three positions into the memory.

The work bed is composed of five adjustable segments. The mattresses of the work bed are anti-static, resistant to bedsores and removable, which facilitates their cleaning and disinfection.



Technical parameters:

Table top width (with 10 x 25 euro slats)	575 mm +/- 10 mm
Length of the table top	2000 mm +/- 20 mm
Minimum operating table height of the 3-engine version	750 mm +/- 5 mm
Maximum operating table height of the 3-engine version	1050 mm +/- 5 mm
Trendelenburg/Antitrendelenburg max.	+/- 30°
Lateral max.	+/- 20°
Extension angle of the 3-engine version	225°
Flexion angle of the 3-engine version	115°
Positioning of leg supports - vertical	+25°, -95°
Leg positioning - horizontal outwards	90°
Head support positioning	30°, -40°
Positioning of the back of the 3-engine version	stroke +65°, stroke -45°
Shifting the headrest - extending the table's working surface	by 40 - 80 mm
Moving the bed in the direction of the longitudinal axis in both directions	by 150 mm
Load capacity of the operating table of the 3-engine version	450 kg
Weight of operating table (without accessories)	246 kg
Mains supply voltage and current (AC)	230 V / 1,9 A
Supply voltage and current from built-in battery (DC)	24 V / 6 A
Maximum power input	440 VA
Coverage (conforms to EN 60601-1)	IP 54
Recharging the battery	approx. 6 hours
Working time with battery drive (depending on cycles)	6 - 8 hours

