

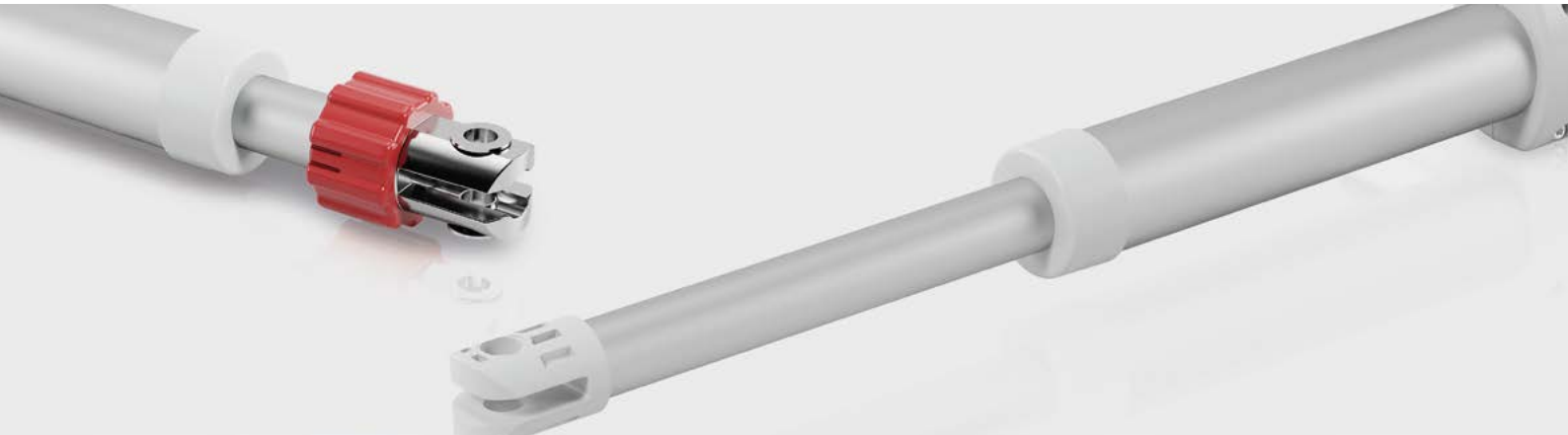


**DEWERT**

A DewertOkin Technology Brand

# Medical.

## The inner strength.



## MEGAMAT 20

### THE NEW GENERATION OF DRIVES WITH INTEGRATED CONTROL UNIT

Perfect for all medical applications: the MEGAMAT 20. Hospital beds, treatment tables, nursing beds and many other medical applications can be reliably adjusted using our robust single drive. The MEGAMAT 20 is very powerful thanks to its push force of up to 6,000 newton and pull force of up to 4,000 newton. On request, the MEGAMAT 20 is available with an integrated BUS control unit. Using this control unit, various system parameters, such as stroke and speed, can be programmed individually. Thanks to the BUS system, the application-specific configurations are also integrated in the handset and can be changed simply by replacing the handset. On request, the MEGAMAT 20 is available as a retrofit version and can be connected to any of DewertOkin's standard control units.

### COMPACT AND QUIET

Its compact design makes it the ideal drive for applications with limited space. The MEGAMAT 20 is also very quiet. The cost advantage and protection degree IP67 combine to make the MEGAMAT 20 the perfect single drive for use in hospitals and care facilities.

### CUSTOMER BENEFITS:

- High protection classification and cost advantage
- Integrated BUS-based control unit
- Outstanding configuration options
- Compact and stable construction
- High push and pull forces
- Position detection
- Low noise level



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TECHNICAL DATA:	MEGAMAT 20
Adjustment load	max. 6000 N push, max. 4000 N pull
Adjustment speed*	max. 19,5 mm/s (depending on the load)
Stroke length	max. 500 mm
Installation dimensions	min. 159 mm + stroke
Special configuration	ER function (4.000 N push force, 0 N pull force) EQR function (3.500 N push force, 0 N pull force)
IP protection degree	IP67



MEGAMAT 20 and 29V-Hub

\*no load with 29 VDC SMPS

### WIDE RANGE OF MEDICAL APPLICATIONS

Electric drives such as the MEGAMAT 20 are at the heart of many medical applications. Hospital and nursing beds are a key application area. Even intensive care beds, with their extreme demands on operability, can be adjusted quickly and safely using the single drive. The MEGAMAT 20 is also ideal for use in examination and treatment chairs. It is electrically adjustable and improves comfort for patients and medical staff alike. Since the drive moves very quietly and smoothly, it is also perfect for the growing spa market.



### APPLICATIONS:

- Patient lifts for hospitals & nursing facilities
- Hospital and intensive care beds
- Examination and treatment tables
- Examination and treatment chairs
- Reclining examination tables
- Boarding aids for vehicles
- Spa loungers and chairs
- Nursing beds
- Wheelchairs
- CTs
- and much more