

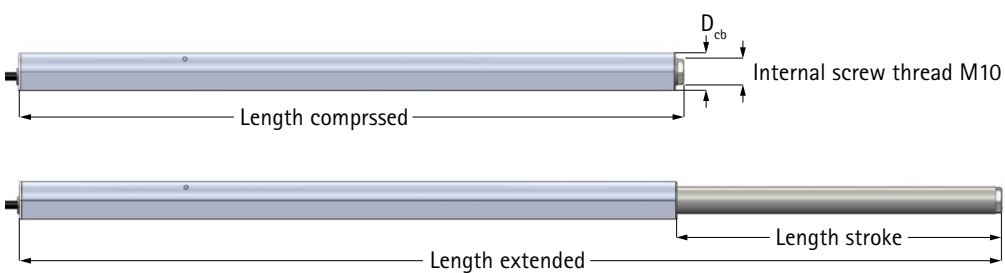
## Adjustment of heavy loads without hydraulic oil

The new SUSPA height adjustment system, Movotec SpindleMotorSystem SMS, combines the power and reliability of the proven Movotec hydraulic system with the advantages of an electrical spindle drive. In addition, it has the advantages of easy assembly which an electrical system offers.

Up to four legs can be driven and synchronized by means of one control box. The need for a central pump is eliminated. The mechanical system works without the use of hydraulic fluid, and apart from the ecological benefit, it provides the technical innovation that now, you can even have loads in the direction of tension. The cylinders are optimal for OEM or retrofit applications based on the very compact design and the ease of fixture.

## Specification

Installation dimensions	
CB Housing Profile	35 mm
Stroke	150   200   300   400 mm
Length compressed with 300mm stroke	635 mm
Length extended with 300mm stroke	935 mm
Performance data	
Max. extension force	600 kg
Speed	~ 8 mm/s
Controller	
Input voltage	230V / 50Hz (2,7A)
Output rating	28VDC 345VA (10%)
Low standby consumption	<0,3W



## Controller



## Hand switch



SUSPA GmbH  
Mechanical Applications

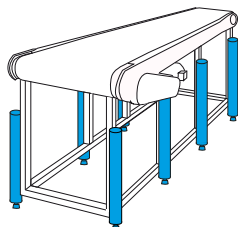
Industriestr. 12-14  
90518 Altdorf  
Germany

Phone +49 9187 930 355  
Fax +49 9187 930 311

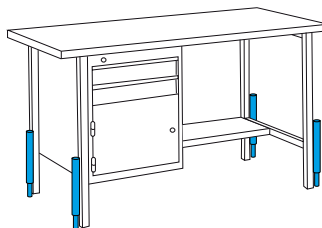
infoindustry@de.suspa.com  
www.suspa.com

## Industrial Application Examples

- Workbenches
- Conveyors
- Assembly lines
- Assembly Machines



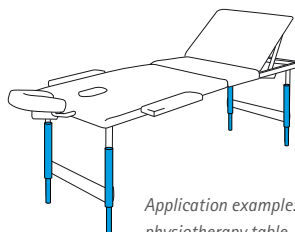
Application example:  
conveyor



Application example:  
work bench

## Application Examples for Medicine, Reha and Care Engineering

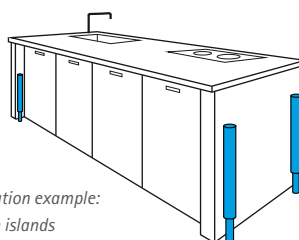
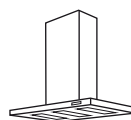
- Comfortable and safe lifting and lowering of stretchers (e.g. treatment tables, physiotherapy tables etc.)
- Autopsy tables
- Entry / Exit assistances (e.g. height adjustment for bath tubs)
- Incubator



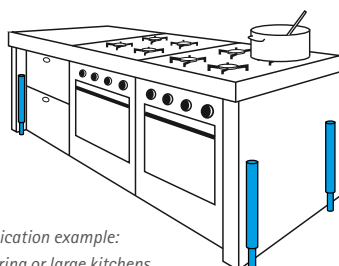
Application example:  
physiotherapy table

## Application Examples for the Furniture Industry

- Kitchen: Height adjustment of kitchen islands, sinks, working tables and other kitchen facilities
- Work place: Height adjustment of stand-alone and group work places (e.g. desks, CAD-work places, sewing and packing tables, sink units in catering etc.)
- Trade: Lifting and lowering of sale and service facilities in retail and wholesale, in museums, in catering or hotel industry (e.g. cash registers, sales counters, check-in desks etc.)



Application example:  
kitchen islands



Application example:  
catering or large kitchens

