

# Working with ease...

## Ergo I<sup>®</sup> Telescopic Pillar System

### Description

The Ergo-I positioning systems provide the operator full flexibility to move work to any work height positions. This versatile, compact lift column enables smooth, precise and simple up or down adjustments for any application up to 550 kg per pillar.

### Application

Unlimited applications in any industry.

- Manufacturing
- Offices: Adjustable furniture, tables, etc.
- Medical: Adjustable tables, beds, chairs, etc.

### Ergonomic Benefit

- Eliminate employee strain, fatigue and injury.
- Create a safer and more productive work environment.

### Standard Features

- Designed and built for the most robust and heavy-duty applications.
- Self contained, ready-to-use, electrically operated lift system.
- Maintenance free and safe with no pinch points.
- Compact, tough aluminum construction with only a 255mm footprint.
- Easily adjustable height profiles serve as structural support in use application.
- Hand pendant, foot pedal or programmable up/down control.
- Use any number of synchronized pillars simultaneously to manage any job.
- Pillars available in 180, 360 and 550kg - load capacities at various stroke lengths.
- Electrically operated 240VAC, 12VDC, 24VDC.
- Built in micro switches limits the stroke at each end position.
- Thermal switches provide overload protection.

### Options

- Internal structural stiffener for increased sideload applications.



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## Technical Information

### AC MODELS: XX-110VAC OR 220VAC

Model No.	Capacity (kg)	Travel (mm)	Retracted Height (mm)	Raised Height (mm)	Lift Speed mm/sec.	Duty Cycle
EI 40-12-XX	180	305	495	800	30	20%
EI 40-16-XX	180	405	595	1000	30	20%
EI 80-12-XX	360	305	495	800	14	20%
EI 80-16-XX	360	405	595	1000	14	20%
EI 120-12-XX	550	305	495	800	8	10%
EI 120-16-XX	550	405	595	1000	8	10%

### SYNCHRONIZED MODELS: XX-110VAC OR 220VAC

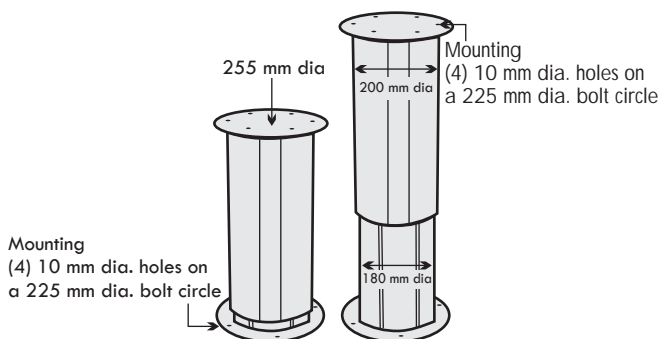
Model No.	Capacity (kg)	Travel (mm)	Retracted Height (mm)	Raised Height (mm)	Lift Speed mm/sec.	Duty Cycle
EI 120-12S-XX	550	305	495	800	7	10%
EI 120-16S-XX	550	405	595	1000	7	10%

NOTE: Models EI 120-12S & EI 120-16S require an external Control Unit (Part #EI-CB) for synchronized movement of up to three Ergo-I units.

### DC MODELS: XX-12 VDC OR 24VDC

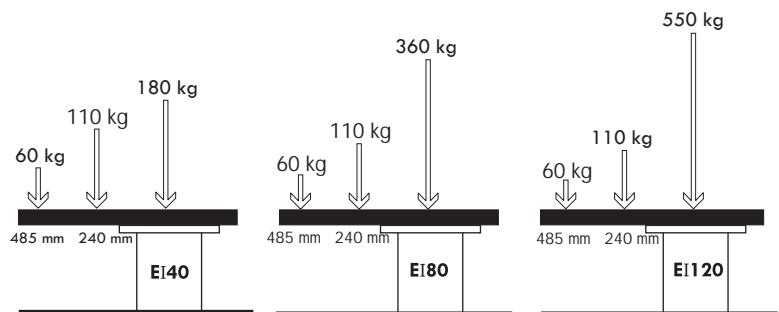
Model No.	Capacity (kg)	Travel (mm)	Retracted Height (mm)	Raised Height (mm)	Lift Speed mm/sec.	Duty Cycle
EI 40-12-XX	180	305	495	800	30	20%
EI 40-16-XX	180	405	595	1000	30	20%
EI 80-12-XX	360	305	495	800	14	20%
EI 80-16-XX	360	405	595	1000	14	20%
EI 120-12-XX	550	305	495	800	8	10%
EI 120-16-XX	550	405	595	1000	8	10%

Hole Pattern



Dynamic Load Capacity

Distance of load from center line



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Our website: [www.materialshandling.com.au](http://www.materialshandling.com.au)  
 Phone us: 1300 25 84 07 Fax us: 1800 68 68 96  
 Email us: [sales@materialshandling.com.au](mailto:sales@materialshandling.com.au)

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