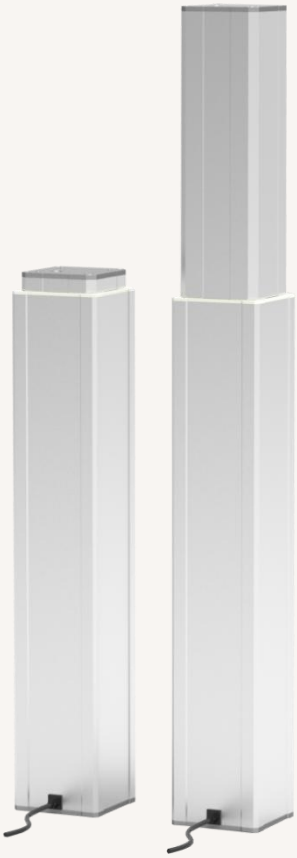
HTX2

Series model

Lifting Column



Applications

1. Industrial
   - Workbenches
   - Assembly tables
   - Laser machine

2. Medical
   - Medical lifting equipment
   - Dental Chair
   - Medical bed
   - X-ray machine

3. Furniture
   - Lifting projectors
   - Coffee tables
   - Bar tables
   - Kitchen height adjustable
   - Conference room audition

The HTX2 lifting column is suitable for a variety of workstation applications. With a full-featured office series control box and hand command, It is available for individual working and synchronized working with 2 to 6 lifting columns according to different application environments

Features	
Voltage:	12V, 24V DC or 110-240vac
Max Push/Pull Force:	2000N（Push） 500N（Pull）
Speed @ Full load:	6.mm / s (load 2,000N)
Retracted Length:	stroke + 150mm stroke + 180mm(S >400 MM）
Dynamic Torque: Static Torque:	150Nm 200Nm
Color: Noise:	Silver 48-50dB
Quality Management:	ISO9001-2008, certified by CE and ROHS
Ambient temp. Range: Operating Temp. Range:	+5 ° C ~ + 45 ° C -35 ° C ~ + 85 ° C
Protection Level: Screw Type:	IP54 Trapezoidal
Signal Output:(optional) Control System:(optional)	Hall sensor Synchronous Control(100%),Separate Control
Material: Limit Switches:	Aluminium alloy Built-in(not adjustable)
Duty Cycle:	2min on, 18min off

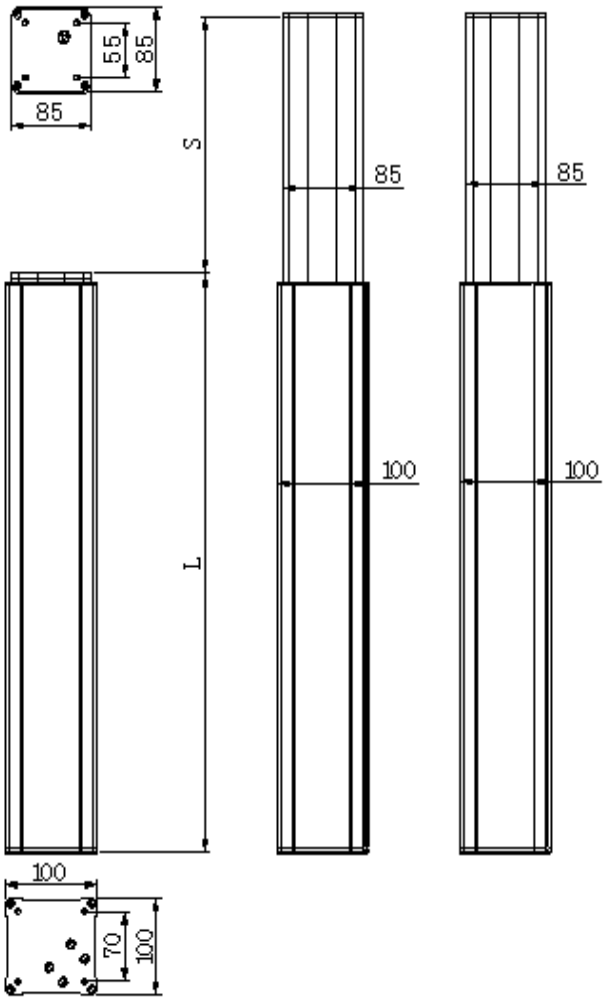


GeMinG
Linear Drive

- **OFFICE DESK**
- **Height adjustment**

Drawing

Dimensions
(MM)



S: Stroke

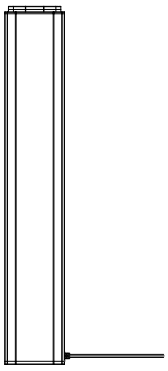
L: Retracted length

L= Stroke +150mm

S>=400MM, L= Stroke +180MM

Cable outlet:

1=Lower side outlet



LOAD & SPEED

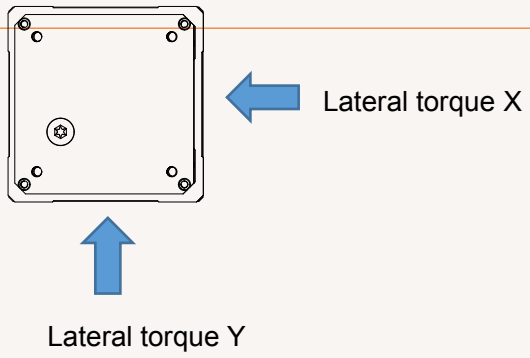
Code	Rated Load Push (N)	Rated Load Pull (N)	Self-locking Static (N)	Rated Current Full-load (A)	Rated Speed No-load (mm/s)	Rated Speed Full-load (mm/s)
Voltage (24V DC)						
A	2000	1000	2000	4.1	6.5	5.0
B	1000	1000	1000	4.1	13.0	10.5
C	600	600	600	4.1	25.5	21.8

Remark

1. The current and speed in the table are the averages tested when using push force.
2. The current of a 12V motor is about twice that of a 24V motor, while 36V motor is about 2/3 of that of a 24V motor, the speed is about the same.
3. The current & speed results in the table are based on the use of a GeMinG brand control box, and there will be an error of about 10% depending on different types of the control box.
4. Lateral moment Y direction = X * 0.8
5. Static lateral torque = dynamic * 2

Dynamic lateral torque(Nm)-X direction

Stroke Range	S/2+150	S/2+200
100-300	250	200
300-500	200	150
500-700	150	100
700-900	100	80



Reference Chart

HTX2			Load±10%（N）		Speed ± 2 (mm / sec)			
load	2000	1000	600					
speed	6	13	25					

HTX2			Stroke ± 2 (mm）			Retracted Length ± 2 (mm)		
stroke	50	100	150	200	250	300	350	400	450
L	200	250	300	350	400	480	530	580	630

Remark:

Stroke can be customized from 50mm to 900mm(please confirm it with Geming sales team).

HTX2

Voltage	12=12V DC	24=24V DC	110-220= with controller	
Speed(mm/s)	Refer to Page 4			
Stroke(mm)				
Retracted length(mm)	Refer to page 4			
Load(n)	Refer to page 4			
Mounting Plates Reter to page 6	1 = smaller plates, with 4 fixing holes		2 = bigger plates, with 4 fixing holes	
Cable outlet Refer to page 3	1 = Lower side		2 =	
Wire/Plug Refer to page 6	1 = stripped wire 3 = 4 pin 0°straight plug		2 = 4 pin 90° curved plug 4 = 6 pin 0° straight plug	
Screw	P = Trapezoidal		丝杆	
Signal Output	N = NO	H = HALL SENSOR		
Cable length	1 = 700mm	2 = 1000mm	3 = 1500mm	4 = customized

Eg.:

voltage 24V DC, stroke 100MM, speed 5MM/s, load 2000N

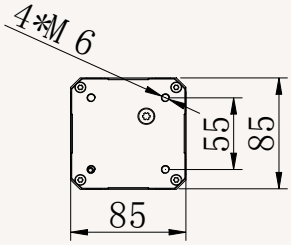
Code: HTX2-24-5-100-250 / 350-2000-1-1-1-P-A-N-1

Statement

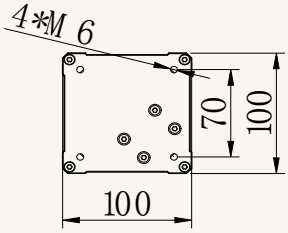
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Upper Mounting Plates

1= = smaller plates

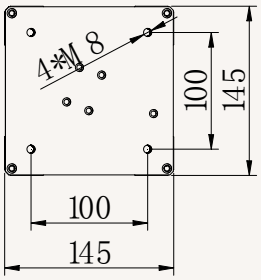


2= bigger plates



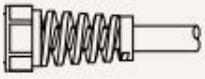
Bottom Mounting Plates

2= bigger plates

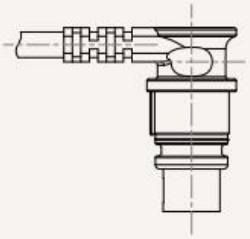


Wire/Plug

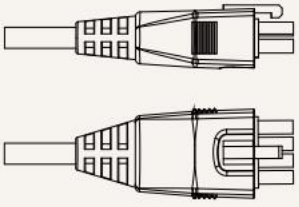
1= stripped wire



2= 4 pin 90° curved plug



3= 4 pin 0° straight plug



4= 6 pin 0° straight plug

