



# **HOSUN**

## **Height-Adjustable Desks**

**Alternate sitting and standing for a more productive workday.**

Electric and pneumatic desks with quiet lift, solid stability, and longer service life.

**AS LOW AS 0.1% RETURN RATE**

# Why HOSUN ?

## Stability by design:

A patent-grade **inter-tube fixing module** (sleeved locating+preloaded limiting) minimizes play between columns. Every unit is factory-verified with lateral offset load and standardized current/voltage checks for steady monitors at full height.

## High load & long life:

Validated to **70,000 cycles at 265 lb** dynamic load; **7-year warranty** on primary lift structure and control core.

## Premium look & finish:

Refined proportions and radii; industrial multi-coat paint screening (primer-mid-top-scratch test) for **no weld spatter**; **no visible unevenness**; **fine touch, fingerprint resistant**.

## Industry-leading reliability:

Global field data shows **RMA < 0.1%**, ahead of market averages.

## Quiet, safe interaction:

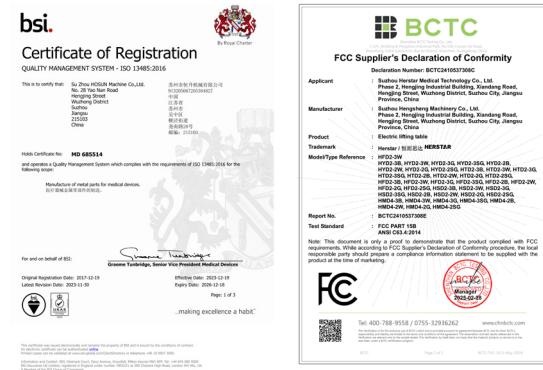
Drive noise **<45 dB**; smooth start/stop; one-touch memory; built-in **anti-collision** and **overload protection**; optional child lock/mis-touch prevention.



## HOSUN Global Partners



## Certificates



ISO 14001

IATF 16949

ISO 9001

ISO 13485

FCC

Manufactured by HOSUN Manufacturing.  
contact@intelli-opus.com (857) 763-0221

<https://www.hosunherstar.com>

## For your design-

### Step 1

Choose column stages

### Step 2

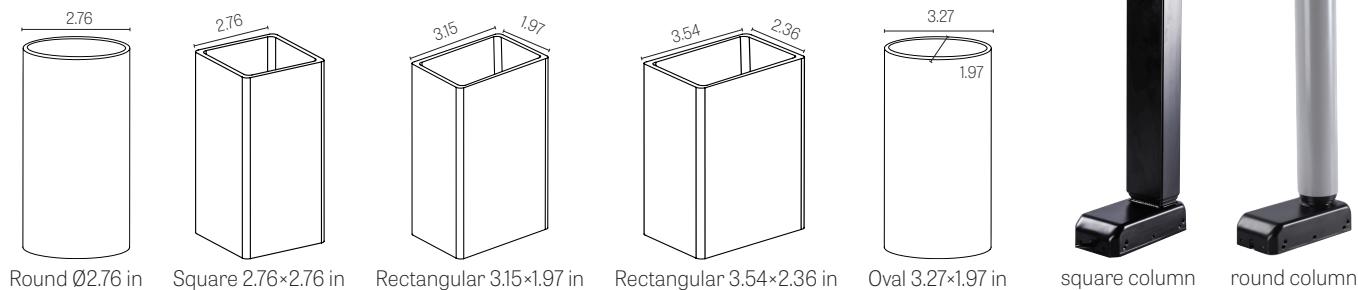
Select key features  
(handset/structure)

### Step 3

project confirmation  
(top size & accessories)

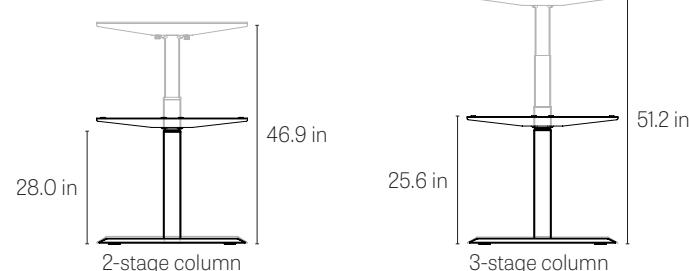
## Electric Columns

### Tube Shapes



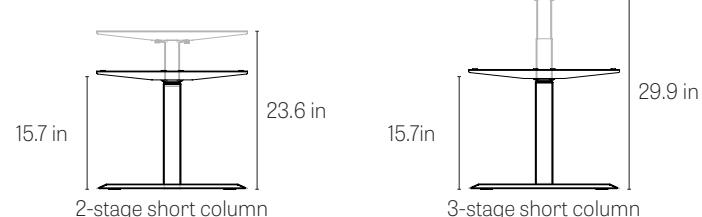
### Standard Column Stages & Height Range

2-stage column	28.0–46.9 in
3-stage column	25.6–51.2 in
Speed	1.42–1.61 in/s
Max dynamic load	133 lb.



### Short Columns (for Coffee/Entertainment model)

2-stage short stroke	15.7–23.6 in
3-stage short stroke	15.7–29.9 in
Speed	1.42–1.61 in/s
Max dynamic load	133 lb.



### Specs

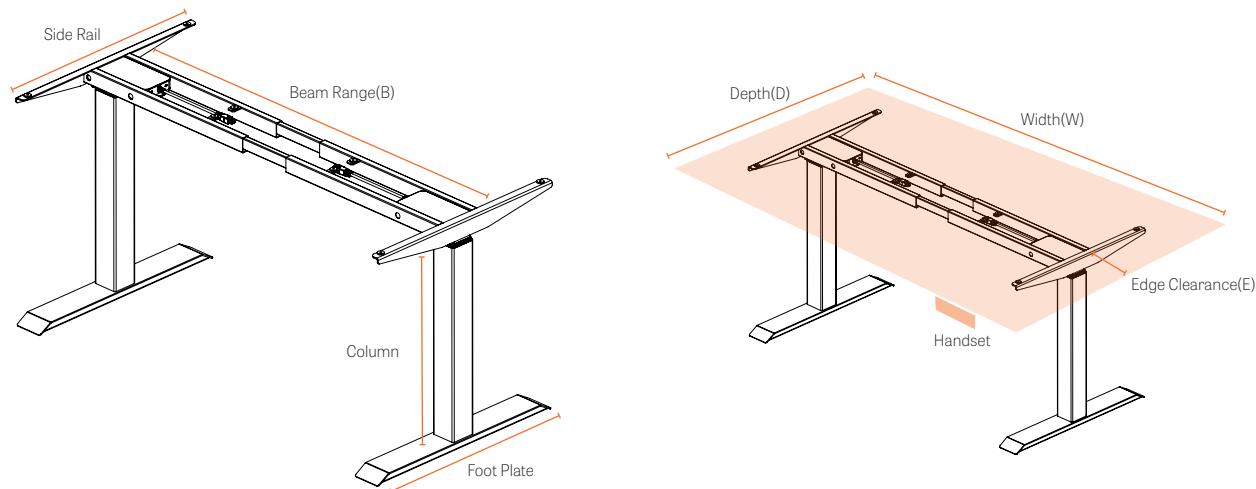
Cold-drawn steel tubes  
Hydraulic cold-press joints  
Powder coating  
Anti-wobble tuning at full extension

### Colors



\*Beyond the standard colors, special colors from the RAL palette are available on request and require additional lead time.

## Desktop Size Matching



### Two quick checks—

Depth & Width: pick side rail/foot plate by desktop depth.

Set top width using frame range + edge clearance (see tables).

Depth D(in)	Side Rail(in)	Foot Plate(in)	Width-only Sizing	Value(in)
23-28	19.7	23.6	Frame Width(Beam Range) B	37.0-64.6
28-32	23.6	27.6	Edge Clearance(per side) E	2.0-4.0
32-36	27.6	30.7	Recommend Top Width W	40.9-72.4
36-40	31.5	33.5	*Extended Fit* W <sub>max</sub>	86.6

\*Extended fit: Top width may be increased up to 86.6 in, subject to stability/accessory review. For thin tops or heavy accessories, reduce span or add reinforcement.

### Sizing formula

Top Width = Frame Width + 2 × Edge Clearance

$$W = B + 2 \times E$$

## Handsets HS11 Series



HS11A	HS11B	HS11C	HS11D	HS11E
Control	Buttons	Rocker	Buttons	Touch
Display	None	LCD (customizable logo)	7-seg numeric	LCD
Memory	None	2	3	2
Other / Power	USB/Type-C 5V/2A	Ambient light(opt.) Single/dual motor compatible	Dual ports: Type-C & USB, each 5V/2A	Ambient light(opt.) Type-C 5V/1A
				Beep feedback Ultra-slim Panel

## Standalone Frames



### Two-Leg Standard

Stages	2/3
Tube	3.54×2.36, 3.15×1.97, 2.76×2.76, Ø2.76, Oval 3.27×1.97
Load	265 lb
Use / Notes	General office/home common cable & accessory ecosystem
Suggested Top (W×D, in) / Remarks	47.2–72.8 × 23.6–39.4; larger or custom shapes: confirm with sales



### Two-Leg Short-Stroke (Entertainment/Coffee)

Stages	2/3
Tube	Same as standard (short columns)
Load	265 lb
Use / Notes	Living room, lectern low work surface
Suggested Top (W×D, in) / Remarks	35.4–55.1 × 19.7–27.6 900–1400 × 500–700



### Heavy-Duty 2-Stage

Stages	2
Tube	3.54×2.36, 3.15×1.97
Load	660 lb
Use / Notes	Workbench / large tops
Suggested Top (W×D, in) / Remarks	≥ 63.0 × 27.6–39.4; confirm load/speed & board spec with sales



### Three-Leg Corner (L-Shaped)

Stages	2/3
Tube	2.76×2.76, 3.15×1.97
Load	400 lb
Use / Notes	L-corner; shared power/cable node
Suggested Top (W×D, in) / Remarks	Main 47.2–72.8 × 23.6–39.4; Return 47.2–63.0 × 23.6–35.4; confirm cut/fillet & holes

## Multi-User Benching



### Face-to-Face (Four-Leg)

Stages	2/3
Tube	2.76×2.76, 3.15×1.97
Load	265 lb per surface
Use / Notes	Two mirrored two-leg frames; centralized power & cable bridge
Suggested Top (W×D, in) / Remarks	Per side 47.2–63.0 × 23.6–35.4; confirm seams, screen gaps & power plan



### 120° Trio

Stages	2/3
Tube	2.76×2.76, 3.15×1.97
Load	265 lb per surface
Use / Notes	Three sectors around a center island; shared power / cabling
Suggested Top (W×D, in) / Remarks	Per sector width 35.4–47.2, depth 23.6–35.4; confirm island size & sector edges

## Pneumatic Desks

Single-column, no power required; complete desks with tops.  
Typical height range 29.9–46.5 in depending on model; casters optional.



**Easy Lift Medical Pneumatic Desk**

Column	1.97×3.15
Height (in)	29.9–44.9
Base / Structure	Center Column & Medical Base
Load	66 lb



**Lite Pneumatic Desk**

Column	2.56×2.56
Height (in)	25.5–40.6
Base / Structure	Center Column & T-Base
Load	66 lb



**V/Spread-Leg Pneumatic Desk**

Column	2.56×2.56
Height (in)	29.5–42.9
Base / Structure	V (splayed) base
Load	66 lb



**Flip-Top Pneumatic Desk**

Column	2.56×2.56
Height (in)	25.5–40.6
Base / Structure	Tilting top & T-base
Load	66 lb

### Top Finish Options



PURE WHITE



WALNUT



WOODGRAIN