

Ergonomics, WHS Human Resources

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Height Adjustable Desks: Height Range and Purchasing Information

The list below is meant to provide departments with examples; it is not an exhaustive list. Departments may choose to work with their preferred furniture provider. Each provider will have multiple desk sizes, shapes and colours, please contact them for a formal quote.

Prices are based on a 30" X 48" desk and do not include delivery, installation or taxes. Prices are approximate and have been increasing with the global supply chain issues. Please contact the vendors for a current quote.

Recommended Dimensions to fit the 5th to 95th percentile:

- Height range: Preferred: ≤22.6" to ≥48.7". If this is not feasible, then ≤25" to ≥48.7" is acceptable; however, individuals ≤5'4 will need a footrest or keyboard tray.
- Depth: 30" preferred. For home offices 24" is acceptable.
- Width: Variable, depending on available space. Minimum 36". Preferred 48" to 60+".

Height Adjustable Desks Examples:

Staples: Heartwood. Height Range: 23 to 49"

Available from: <u>Helen.Mazzocchio@Staples.com</u>

Cost: \$785 + \$79 for installation, <2week lead time for 30" X 60"; several colour options

COI Herman Miller Nevi, extended range: Height Range: 22" to 48"

Available from: <u>COI</u>. Contact: Garth Hough: <u>ghough@coi.bz</u> Cost: \$645.15. Price does not include delivery or installation.

• Migration: Height Range: 22.6" to 48.7"

Available from Edson Vazquez: evazquez@heritageoffice.com, Heritage Furniture

Cost: \$1,100

Workrite RISE 22.6" to 48.8"

Available from Peter Chen: pchen@brookscorning.com, Brooks Corning

Cost: \$1,540

• Home offices: Ikea, Bekant: 22.6" to 48.7"

Cost: \$399 (48" wide desk) or \$499 (60" wide desk)

Options for taller users (>6'4)

FLT-02 Solo Ryzer: Height Range: 24.6" to 50.1"

Available from Loureal Agustin: loureal@progressiveautomations.com, from Progressive Desk Cost: \$633 (base and tabletop) or \$424 (base only). Price includes delivery. Lead time 3 to 5 days. Installation not included, estimated to take 20 to 40 minutes.

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Haworth 'HOP': 25.7 to 51.3"

Available from Peter Chen, pchen@brookscorning.com, Brooks Corning

Cost: \$820

• Series 5, Steelcase: 25.5 to 52"

Available from Edson Vazquez: evazquez@heritageoffice.com, Heritage Furniture

Cost: \$1,410

Background on Recommended Height Range

Rationale for Recommended Height Range:

- This height range will fit the 5th to 95th percentile (5'0 to 6'4) and is in keeping with the BIFMA G1-2013 furniture guidelines and CSA Z412-17 ergonomics guidelines.
- A 30" depth is recommended to minimize the risk of visual fatigue, particularly when looking at dual monitors

What to do for those outside the 5th to 95th percentile:

- Users shorter than 5'0 will still require a footrest in sitting.
- Users taller than 6'4" will require a higher desk, i.e. one that can go as high as 50"

Notes regarding desks that do not have the recommended height range:

If for some reason it is not possible to get a desk that goes down to 22.6", then at minimum ensure the desk can go down to 25" and provide footrests for all users shorter than 5'5.

Avoid height adjustable desks that do not go below 29" as this is above elbow height for nearly all users. It is difficult to install a keyboard tray on height adjustable desks and many chairs do not go high enough for shorter users to work directly on the desktop.