HON. ERGONOMICS & CHAIR DESIGN

Ergonomic design can provide a comfortable and healthy sit. HON strives to meet your needs using the following design principles: Support, Movement, and Intuitiveness.



Seating is designed to support the human body.



POSTURE

Seating is designed to properly support postures that promote health.





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PRESSURE DISTRIBUTION

Curvatures and materials are designed to maximize comfort by reducing pressure points and minimizing local fatigue... providing maximum comfort while at work.



Seating is designed to meet the needs of the 5th to 95th percentile for the dimensions that matter for seated postures.

A. Lumbar Support helps maintain curvature of the spine for healthy posture

D

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B

C

- **B. Seat Width** considered to comfortably fit multiple sizes
- C. Seat Depth Adjustment supports legs without contact between front of seat and the back of the knees
- D. Armrests support forearms while allowing shoulders to be relaxed
- E. Seat Height Adjustment allows feet to rest firmly on floor with knees at about a 90° angle

WHAT IS ACTIVE SITTING?

Reclining, changing postures and fidgeting in your chair to reduce static postures.

HOW ADAPTABLE CHAIR DESIGN SUPPORTS ACTIVE SITTING

• **Engineering** – Thoughtfully designing natural movement into seating. Recline and tension options are available to support multiple postures and work styles.

> Flexible mesh supports during recline

• **Materials** – Inclusion of materials that provide continuous support. Flexing materials allow support to move with you as you move.

Synchro-tilt allows user to recline while keeping seat relatively level to floor

BEYOND THE DESK

Seating is designed in a variety of styles to meet work needs and encourage movement throughout the office.



MOVEMENT

Seating is designed to support active sitting because prolonged sedentary behaviors can be harmful and should be avoided.

INTUITIVENESS

Seating is thoughtfully designed to be easy to use.



ADJUSTMENT DESIGN GOALS

 Consistent and expected location of controls Graphic indicators when needed

Passive automatic adjustments when possible

AUTOMATIC ADJUSTMENTS

Materials or chair mechanisms designed to adjust as you sit and move with no manual input needed.

There's nothing to learn and no need for readjustments, allowing you to focus on what you're doing. This includes options like: weight-activated controls or enhanced mesh materials that cradle your body.



PERSONALIZED ADJUSTMENTS

User manually adjusts chair features to fit their body, posture and preference. This can include options such as: adjustable arms, lumbar support, tilt tension and seat height.

