

### **Contract 24/7 and Contract Plus 24/7 Posture Mesh Office Chair**

This chair is a unique patented posture chair that has been designed specifically around the anatomical model of the human body, taking into account the way the body moves (biomechanics) and the forces upon the body during these movements and seated postures (biophysics). The knowledge, experience and expertise of an experienced UK registered Doctor of Chiropractic has been utilised to develop the design of this posture chair.

The features of this chair make it suitable for people with a wide range of medical conditions from lumbar strain to sciatica and intervertebral disc injuries resulting in nerve irritation and leg symptoms as well as neck pain, headaches and upper limb pain patterns. This chair is also designed to prevent injury and pain with the features of the chair providing the support where it is needed according to the biomechanics and biophysics of the human body.

#### **Seat Slide**

This allows the user to adjust the depth of the seat cushion to get the most comfortable seat position. This avoids any compromise of the circulation to the legs helping to decrease the incidence of Deep Vein Thrombosis. The pressure in the buttock and thigh muscles is also reduced.

#### **Height Adjustable Lumbar Support**

The Lumbar support cushion is a cushion behind the mesh back of the chair. It is a broad and deep cushion. It can be adjusted so that the user has the support exactly where they need it reducing the pressure on the lumbar spine joints and the intervertebral discs.

#### **Independent Lockable Seat Back Angle Tilt**

This independent lockable seat back angle tilt allows the mesh back of the chair to be angled for the highest level of comfort for the user. This also allows the lumbar support to be positioned with even greater choice to ensure the support is in the exact position for maximum support and tension relief. This is ideal for people suffering from lower back or pelvic pain, disc injuries and sciatica.

Another advantage of this feature is that it can raise the lumbar support higher than it is in when the seat back is in the upright position making this chair suitable for users up to 6 feet 5 inches – almost 2 metres. (This has been tested with a user of 6' 5") The lumbar support cushion remains in the correct position to provide support in the correct place for the lower back relieving pain and tension in the lower back, intervertebral discs and pelvis of much taller users.

#### **Injection Moulded Foam Seat**

The moulded contoured seat cushion increases comfort and helps to support the pelvis making it easier to maintain a good posture in the seat with less effort. This is great for people with pelvic or lower back problems, and coccyx pain. The waterfall front to the cushion reduces pressure on the thighs and aids circulation helping to reduce the incidence of deep vein thrombosis.

**High Back Mesh Back**

The high-quality mesh back support helps to mould around the user as they lean against it whilst being breathable to enhance user comfort.

**Lockable Tilt Angle**

The lockable tilt angle allows users to lock the chair in different positions for different tasks. This improves support and allows the user to maintain a position without any effort reducing the stress on the body. This is a feature that will help people with existing lower back, disc and pelvic problems by allowing the angle of the sitting position to be changed but still allowing the user to relax onto the chair back so that there is no effort to maintain posture.

**Adjustable Headrest**

This helps to prevent neck problems, allowing the musculature of the neck and shoulders to relax, rest the head back and keep the head in a position that allows users to continue tasks. This helps people that suffer from neck, upper back or shoulder pain and headaches.

**Fully Adjustable Arm Rests**

The versatile adjustable arm rests are height adjustable. Their positions can also be adjusted forward and backward and in and out. This helps to keep the arms supported in different tasks. This relieves tension in the upper back and neck reducing the incidence of neck pain, headaches and repetitive strain in the upper limbs.

**Synchronous Mechanism**

This mechanism allows the user to change their position between different tasks while still maintaining full support of the spine. This helps to ease the pain of, and prevent injury of, the spinal column. It has a five-point lock to provide even more support. In free float mode it encourages movement helping to reduce tension and pressure on the spine and pelvis and helps to activate the body's own muscle blood pump.

**Adjustable Tension Weight Control**

Allows the user to tension the chair's resistance to the user's body weight with the synchronous mechanism. This keeps all of the support in the right place as the user moves back and forth in the chair and leans onto / moves off the chair back.

**Braking Castors**

The high-quality castors allow movement of the chair with the locking feature providing user safety once sitting on the chair.