

Technical Specifications ■

Engage® 24/7 Task Chair

August 2014

Engage Seat

Seat is constructed of a molded polypropylene seat board with foam molded directly onto it. The foam covered board is upholstered with fabric. An integral "seat slide button" is attached to the under side of the board which allows the seat depth to be adjusted from 16" to 19". A textured polypropylene seat shroud attaches to the bottom of the seat and permits access to the seat slide button. The entire assembly is mounted through slots in the mechanism that allow the seat to slide in and out.

Memory Foam Seat

Seat is constructed of a molded polypropylene seat board with foam molded directly onto it. A $\frac{1}{2}$ " sensus memory foam wrap is applied over the molded foam. The foam-covered board is upholstered with fabric. An integral "seat slide button" is attached to the underside of the board, which allows the seat depth to be adjusted from 16" to 19". A textured polypropylene seat shroud attaches to the bottom of the seat and permits access to the seat slide button. The entire assembly is mounted through slots in the mechanism that allow the seat to slide in and out.

Backrest

The backrest has the same basic construction as the seat except the textured polypropylene back shroud is also available in an upholstered version. The back also includes an adjustment lever that allows the back to be raised or lowered 4" vertically along the J-bar. The J-bar is made from GR50 material.

Engage Synchronized Knee Tilt Mechanism

A stamped and welded steel housing contains a set of torsion bars that supply the force to the mechanism. Controls include a forward tilt lockout, back angle lock, tilt tension control and pneumatic seat height lever. The chair seat is normally in a 2° reclined position. When the forward tilt lock is disengaged the seat tilts to a 2° forward position. The back angle can be locked at three positions. The back tension can be increased or decreased by turning the tension dial to change the desired amount of preset on the torsion springs. The seat height can be pneumatically adjusted from 16" to 20 $\frac{1}{4}$ " with infinite selection within the range. The plastic mechanism shroud and control handles match the color of the chair.

Engage Height Adjustable Armrests ("HA")

A curved and angled-forward arm support that is molded from reinforced nylon sleeve that allows for 4" or vertical adjustment from 6" to 10" above the seat. The armrest height is adjusted by pressing a button mounted in the sleeve. The sleeve supports a self-skinning urethane armrest. The armrests are spaced 18 $\frac{1}{2}$ " apart. All parts are color matched to the other plastic parts of the chair. The nylon supports are bolted to the bottom of the mechanism with four $\frac{5}{16}$ " bolts and are field installable.

Engage Adjustable Armrests ("AA")

A curved and angled-forward arm support that is molded from reinforced nylon supports a height adjustable reinforced nylon sleeve that allows for 4" of vertical adjustment from 6" to 10" above the seat. The armrest height is adjusted by pressing a button mounted in the sleeve. The sleeve supports a self-skinning urethane armrest that pivots 360° from a point near the back of the armrest. The armrest has 4 detents that allow the armrest to snap into position: one straightforward, one each at 20° inward and 20° outward, and one at 180° reversed position. The armrests are spaced 18 $\frac{1}{2}$ " apart. All parts are color matched to the other plastic parts of the chair. The nylon supports are bolted to the bottom of the mechanism with four $\frac{5}{16}$ " bolts and are field installable.

Engage Height and Width Armrests ("BA")

The arm is supported by a $\frac{3}{4}$ " x 1 $\frac{1}{2}$ " 14-gauge steel oval tube. The steel arm shroud supports a self-skinning urethane arm cap. Armrests offer 2 $\frac{1}{2}$ " of vertical adjustment and 1" of horizontal adjustment per arm. Both the arm caps and steel support arms are completely field installable.

Base

The 24" diameter, five-blade black base is made of steel tubing with decorative plastic cover and top. A telescoping cylinder shroud conceals the pneumatic cylinder.

Carpet Casters

The double 60mm diameter wheels are molded of high-impact thermoplastic. High-impact plastic frame. Finish matches chair color.

Hard Floor Casters

Double 60mm diameter wheels are molded of soft plastic. High-impact plastic frame. Black finish only.

Universal Casters

The double 60mm diameter wheels are molded of soft plastic. High impact plastic frame. Black finish only.

