

# Technical Specifications

## Snap® High Back Seating



### **Mechanism (OEI46)**

A stamped and welded steel housing forms a sturdy cradle for the seat. A lever actuates the pneumatic cylinder, which adjusts the seat height from 16-1/2" to 21-1/2" with infinite selection within the range. That same lever can also lock the back in an upright position.

### **Mechanism (OEI47)**

A stamped and welded steel housing forms a sturdy cradle for the seat. A lever actuates the pneumatic cylinder, which adjusts the seat height from 23" to 33" with infinite selection within the range. That same lever can also lock the back in an upright position.

### **Mechanism (OEI48)**

A stamped and welded steel housing forms a sturdy cradle for the seat. There are three control levers. One lever controls the tilting angles of both the seat and the back. Two sets of brake plates independently hold the seat and back at desired angles when the lever is released. The seat has 10° of angle adjustment. The back has 20° of angle adjustment.

### **Backrest (OEI46, OEI47, OEI48S)**

The size of the backrest is 19" wide by 17-1/2" high. The backrest is constructed of a 1/2" thick, formed plywood seat board with 2" molded foam. The foam covered back board is upholstered with fabric on the front. The back of the chair back is black plastic. An adjustment knob allows the height of the backrest to be raised or lowered 3" vertically along the J-bar. The backrest is mounted onto a pivot joint providing pivot function of the backrest.

### **Backrest (OEI48)**

The size of the backrest is 19" wide by 17-1/2" high. The backrest is constructed of a 1/2" thick, formed plywood seat board with 2" molded foam. The foam covered back board is upholstered with fabric on the front. The back of the chair back is black plastic. An adjustment knob allows the height of the backrest to be raised or lowered 3-1/2" vertically along the J-bar. The backrest is mounted onto a pivot joint providing pivot function of the backrest.

### **Seat (OEI46, OEI47, OEI48S)**

The size of the seat is 19" wide by 19" deep. The seat is constructed of a 1/2" thick, formed plywood seat board with 2" molded foam. The foam covered seat board is upholstered with fabric. The entire seat assembly is mounted to the mechanism by 6 screws. The textured black plastic shroud attaches to the bottom of the seat. An integral seat depth adjustment knob is attached to the underside of the mechanism, which allows the seat depth to be adjusted from 19" to 21".

### **Seat (OEI48)**

The size of the seat is 19" wide by 19" deep. The seat is constructed of a 1/2" thick, formed plywood seat board with 2" molded foam. The foam covered seat board is upholstered with fabric. The entire seat assembly is mounted to the mechanism by 6 screws. The textured black plastic shroud attaches to the bottom of the seat. The seat depth cannot be adjusted.

### **Base and Casters (OEI46, OEI48)**

The 24" diameter, five-blade black base is made of reinforced nylon. A telescoping cylinder shroud conceals the pneumatic cylinder. The dual wheel 50mm diameter black wheels are molded of high-impact thermoplastic and are housed in a high-impact plastic frame. Carpet and hard floor casters are available.

## **Snap® High Back Seating – Models OEI46, OEI47, OEI48 & OEI48S**

- Technical Specifications

### **Base, Footring and Casters (OEI47)**

The 25" diameter, five-blade black base is made of steel tubing with decorative plastic cover on top. A telescoping cylinder shroud conceals the pneumatic cylinder. The 20" black, reinforced nylon footring can be set at proper height by tightening a knob. Chrome finish, steel tube footring optional. The dual wheel 50mm diameter black wheels are molded of high-impact thermoplastic and are housed in a high-impact plastic frame. Carpet and hard floor casters are available.

### **Base (OEI48S)**

The sled base is formed from 1-1/8" diameter, 2.2 mm thickness steel tubing with black powder coat finish. Long stem front glides are standard.

### **Loop Arms (BR2)**

Width adjustable – 1-1/4" each side, width adjustable arms.

### **T Arms (BR5)**

Height and width adjustable – 1-1/4" each side width adjustable and 2 1/2" height adjustable arms.

### **Optional Arm Kits (Black Only)**

An E-bracket mounted under the seat accepts both the left and right arms. The arm frame can slide in and out of the E-bracket for proper seating width adjustment.