

# Technical Specifications

## Pilot™ Task Chair



### Seat

Seat is constructed of 5/8" thick, 10-ply plywood with one solid steel reinforcement plate that spans from seat edge to seat edge and 3.75" thick molded foam. The steel reinforcement plate has welded steel t-nuts for arms and mechanism. The contoured molded foam-covered board is upholstered with fabric. The front edge of the seat has a waterfall design. The seat is attached to a seat mechanism with four 5/16" screws into steel welded t-nuts.

An integral seat slide is attached to the under side of the seat board which allows the seat depth to be adjusted from 17" to 19.5". A black dust cover fabric shrouds the seat slide. The seat slide assembly is mounted to steel attachment brackets in the mechanism and seat plate that allow the seat to slide in and out.

### Seat Mechanism (tilting)

Chair features infinitely locking back tilt, and tilt rocking.

### Pneumatic Height Adjustment

Chair features pneumatic seat height adjustment from 18" to 23".

### Backrest (vertically adjustable)

Backrest is constructed of 1/2" thick 9-ply plywood and 2 1/2" body-contoured molded foam. The outer back shell is upholstered plywood. The backrest is attached to a five-position ratcheting mechanism that provides 4" of vertical adjustment along a 1/4" thick x 4" wide high-strength steel J-bar. The J-bar is fastened directly to the seat mechanism with three 5/16" bolts.

### Base

Extra-wide 27" five-blade base constructed of heavy-duty composite. The center of the base has a patented non-slip ring where the pneumatic cylinder is mounted. A telescoping cylinder shroud conceals the heavy-duty pneumatic cylinder.

### Casters

Heavy-duty 55mm diameter double wheels are molded of high-impact plastic with steel stud.

### Loop Armrests

Main armrest support is made of 1/4" thick by 2-1/4" wide bent steel constructions. Armrests are attached to a solid steel reinforcement plate that spans from side to side and which is mounted to the seat board for increased arm strength. Armrest pads are self-skinning soft urethane material with steel inner structures. Loop arms are fixed height.

