



# AirShirz<sup>®</sup> Magnum Extra-Duty Pneumatic Scissors

**Increased productivity  
through reduced hand stress.**



# 90% reduction in hand force. Cuts the effort out of hand trimming.

## Air Power

### Does the Work

**Reduced Cutting Force** - a light squeeze of the trigger is the only effort required.

**Automatic Spring Return** - requires no effort to open blades; just release pressure on the trigger.



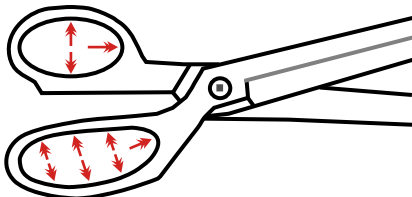
## Total Control

Blade speed and position are fully controllable, like scissors, for precision cutting. AirShirz cut full length of the blades without increased force to reduce cutting repetitions.

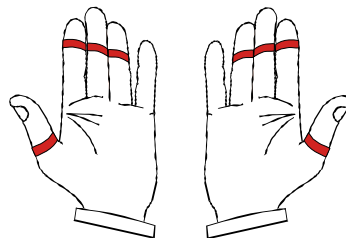
Safety latch secures blades when not in use.

## Ergonomically Designed Hand Friendly Air-Assisted Scissors

- Instead of using physical exertion, AirShirz employs pneumatic power to cleanly cut through difficult applications.
- Muscle fatigue is dramatically reduced, as well as exposure to risk factors associated with Cumulative Trauma Disorders (CTD's) of the hand and forearm.



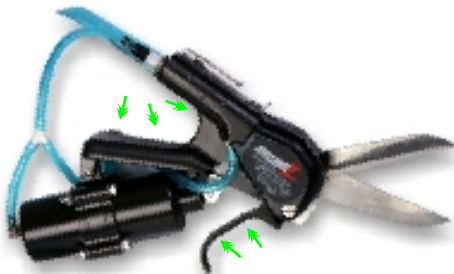
Scissors have more pressure points and require more effort to open and close.



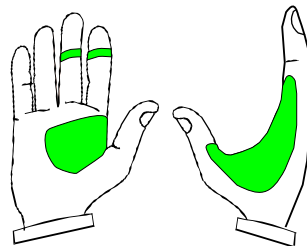
Conventional scissors have a small contact area and require more force to operate.



**Magnum delivers extra cutting power for tough applications like neck breaking.**



Comfort fit design.



With AirShirz, increased surface contact spreads force over a larger area for improved operator comfort.

**AirShirz reduces the force required to operate the tool while it increases the contact area, so overall contact stress is greatly diminished.**

## Improve Worker Productivity and Safety

### Reduced risk of injuries, sick leave and employee turnover

AirShirz scissors enhance productivity and improve product appearance through reduced effort and less fatigue. Muscle fatigue is dramatically reduced, as well as exposure to risk factors associated with Cumulative Trauma Disorders (CTD's) of the hand and forearm.

- Extra power where you need it, Magnum provides accurate cutting, snipping and trimming operations that result in less waste.
- Reduced employee turnover for difficult jobs.
- Reduced training costs related to turnover.

## Easy to Use

### Works Like Scissors

- Because the AirShirz perform like scissors, there is a short learning curve.
- Blade position is *fully controllable* as with conventional scissors.
- Unlike conventional scissors, AirShirz allow the hand to assume a comfortable, neutral position.
- Thumb use is virtually eliminated with the unique ergonomic design.



Over 50 standard blades are available to handle unique and difficult applications. Custom blade development is available.



## AirShirz® Design Benefits

### Cuts the effort out of trimming

- **Reduced Cutting Force** - pneumatic design reduces hand force 90%!
- **Automatic spring-return action** - requires no effort to open blades. Just release pressure on the trigger.
- **Reduced Repetitions** - cuts full length of the blades *without* increasing force.
- **No special air power requirements** - uses standard 80-120 psi (5-8 bar) plant air, drawing less than .5 cfm (.003 l/m).
- **Exclusive stainless steel blades** - provide long edge-life and corrosion resistance.
- **Interchangeable Blades** - all blade configurations are interchangeable and can be changed in seconds.
- **Remote Air Exhaust** - Dual air hose vents air well away from product.
- **Easy cleaning** - no special cleaning restrictions (submersible, high pressure, hot water and soap are all acceptable).

### Benefits for the bottom line

- Significantly increases productivity for difficult and re-work applications.
- Proven reduction in force and muscle fatigue ... greatly reduces exposure to key risk factors associated with Cumulative Trauma Disorders. (CTD's).
- Pneumatic design gives the user *total control* over blade position for clean, accurate cutting and a better finished product.
- Rugged and durable design for long service life and easy in-plant maintenance.

## Invest in Edge Management

### EdgeKing™ – The Industries Only Industrial Scissor Sharpener

*If consistently sharp blades are one key to better product yield and productivity, then sharpening them faster and easier has to be another. When you invest in an EdgeKing blade sharpener you enjoy benefits like these:*

- **Sharp blades** are critical to productivity. No other sharpener delivers faster, more consistent or more accurate performance than the EdgeKing from Bettcher Industries.
- **Time saving** - Exclusive, patented design allows blades to be clamped just once to grind, steel and buff the entire blade edge saving valuable time and labor.
- **Longer Wheel Life** - Conventional stone grinding wheels get ground away with usage, so blade angles are constantly changing. Long life Cubic Borazon Nitride (CBN) coated steel grinding wheel is not ground away with usage and eliminates the need for wheel dressing.
- **Increase Scissor Life** - The EdgeKing's blade guide and clamping system prevents errors and insures consistent grinding angles. Since blades are sharpened at the same angle every time, less blade material is removed for longer scissor life.
- **Industrial-Duty Construction** - EdgeKing sharpeners feature a durable industrial-duty capacitor start motor with lifetime lubricated and sealed ball bearings that won't bog down under normal load conditions or burn out even with repeated overloading.
- **Vented Wheel Guards** - Designed for easy attachment to dust collection systems for a cleaner work area.



**Sharpen with more precision and consistency in less time with the EdgeKing.**



**With the patented, rotating blade clamping system blades are clamped just once to grind, steel and buff the entire blade edge. Even curved blades and blades up to 16".**



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