

# PTX ECO SMART

The professional surface finisher for hard, continuous use.

A revolution in linear grinding! Simply slide on the abrasives and they secure themselves automatically when the machine turns. Fast and easy!



Press the spindle lock and simply slide on the abrasive wheels or brushes, turning in the correct direction onto the finned shaft. They will be secured automatically.



Even narrow abrasive wheels can be used on the PTX Eco Smart and positioned freely on the finned shaft (no spacer rings required).



Grinding in corners is easy – simply slide the abrasive wheel on the finned shaft a little towards the outside.

**SUBSTANTIAL  
COST SAVINGS  
ON ABRASIVES**



Grind closed pipe constructions using patented fleece belt with the buttonhole system.

Ergonomic design with anti-vibration handle for comfortable, fatigue-free operation

Service cover for fast carbon brush replacement



Variable-speed dial adjustment during operation



**PATENT  
PENDING!**



Satin finishing using interleaf fleece wheel.

\* Note: Shaft supplied with keyway and finned shaft adapter.

Finned shaft\*



Ergonomically positioned lockable ON/OFF switch



QUICK-LOCK cord for fast, easy attachment and replacement – for example, if the power cord is damaged (see accessories in our price list)



# Perfect finishes on large surfaces, with no shadows or streaks

*New abrasive mounting system saves time, reduces cost and eliminates vibration.*

PTX Eco Smart is a multi-functional grinding and polishing system for flat surfaces and open or closed pipe constructions. It grinds from coarse to very fine finishes and burnishes to a high-gloss finish. It enhances stainless steel, steel and nonferrous metals including aluminum, brass, bronze and copper, as well as wood and rigid plastic.

Balanced straight-line handling, high torque and electronic speed control enable the PTX to easily produce matte, satin and other decorative surfaces up to a mirror finish. Besides fine finishing, the PTX is ideal for coarse grinding to remove welds, deep scratches, oxidation, rust and paint.

PTX Eco Smart features a newly developed abrasive mounting system. This unique system allows grinding and polishing wheels to be changed in seconds, without tools or hardware. Simply slide the wheels and accessories onto the finned, rigid rubber shaft. They secure themselves automatically when the machine turns.

The finned shaft design ensures absolutely no vibrations during operation and 100% concentricity. The main savings compared to other linear grinders comes from the cost of abrasives. The elimination of an internal core means the abrasives wheels can be produced less expensively, while delivering the same high-quality results.

CS Unitec can provide you with an extensive range of abrasive tools (patent pending) and accessories to cover almost every conceivable surface finishing application.



Slide-on grinding belt roller (Part Number 47006) is ideal for open and closed pipe constructions.



PTX Eco Smart Case Set (below, Part Number 47003a) and PTX Eco Smart Professional Kit (inset right, Part Number 47004a) are available.



### PTX Eco Smart Specifications

<b>Power</b>	12.27 Amp (1350 Watts) 110 Volt / 60 Hz (Also available: 230 Volt / 50 Hz)
<b>Variable speed</b>	Variable speed control from 950 to 3700 RPM with tachogenerator for constant speed, even under load
<b>Speed control dial</b>	With fine adjustment for using abrasives at optimum efficiency
<b>Wheel width</b>	up to 4" (or 6" wide abrasives)
<b>Wheel diameter</b>	up to 4-1/2"
<b>Weight</b>	7.25 lbs. (3.3 Kg)

**NOTE: We do continue to carry abrasives with core insert adapters for older LP 1503 VR model grinders and other machines. See our Price List for details.**



A wide selection of hollow-core abrasives is available for the PTX Eco Smart. The lack of a core insert means that the abrasives are lighter, easier to use and less expensive.