



The Bend
The Combi
The Laser
 The Punch
The System
The Software

**Servo-electric
turret punch press E6x / E8x**

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Prima Power's new Ex series offers state-of-the art in servo-electric punching technology, based on pioneering experience, in an eminently flexible and affordable package.

The genius of servo-electric punching is how it combines energy savings and ergonomics with superb accuracy and productivity. The Ex series has been designed to offer versatile capacity made easy to utilize; Prima Power's new machine control and user interface software with touch screen panel ensure fast set up and convenient operation.

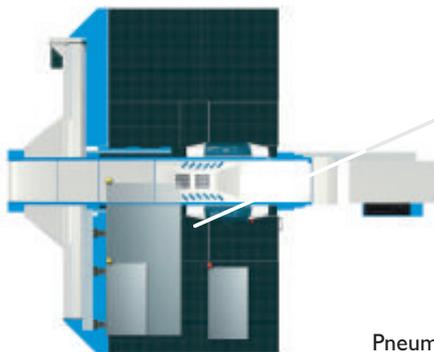
With the new Ex series by Prima Power, modern servo-electric punching productivity is now truly within easy reach.

Ability to process 3,000 mm x 1,500 mm (E6x) or 4,300 mm x 1,500 mm (E8x) sheets allows a greater range of work accepted and makes nesting of the part more efficient and economical.

Accurate punching movement – excellent forming and marking capability

Fast, high-accuracy index mechanism

Closed water cooling circuit for motor of the punching unit



Easyloading system

Pneumatic central clamp locking system

Programmable Clamp Setting (PCS)

Wear resistant brush tables, sheet weight up to 200 kg

Lifting brushes for extra protection of sensitive material surfaces



Flexible automation

Compact Express is a fully automated material handling device. The placing of the automatic loading and unloading unit makes it possible to use several combinations of automatic and manual loading and unloading cycles. The manual loading table is free for use for manual operation.

Component handling of the E6x can be automated with the **LST system**, which picks components from the machine and stacks them into programmed positions in the palletizing area. Further, the LST features an automatic skeleton removal function, and the entire working cycle of the machine becomes automatic. The LST can be equipped with several additional tables and integrated with the **COMBO** and **NightTrain** automation systems.



**green
means**

What does Green mean?

Green means a win-win for you and sustainable development. Sustainability adds to manufacturing efficiency and productivity.

Your customers, your employees and the community you operate in demand it more and more.

Sustainability & social responsibility are characteristics of a modern company and add to competitiveness.

They make a difference between the best and the rest.

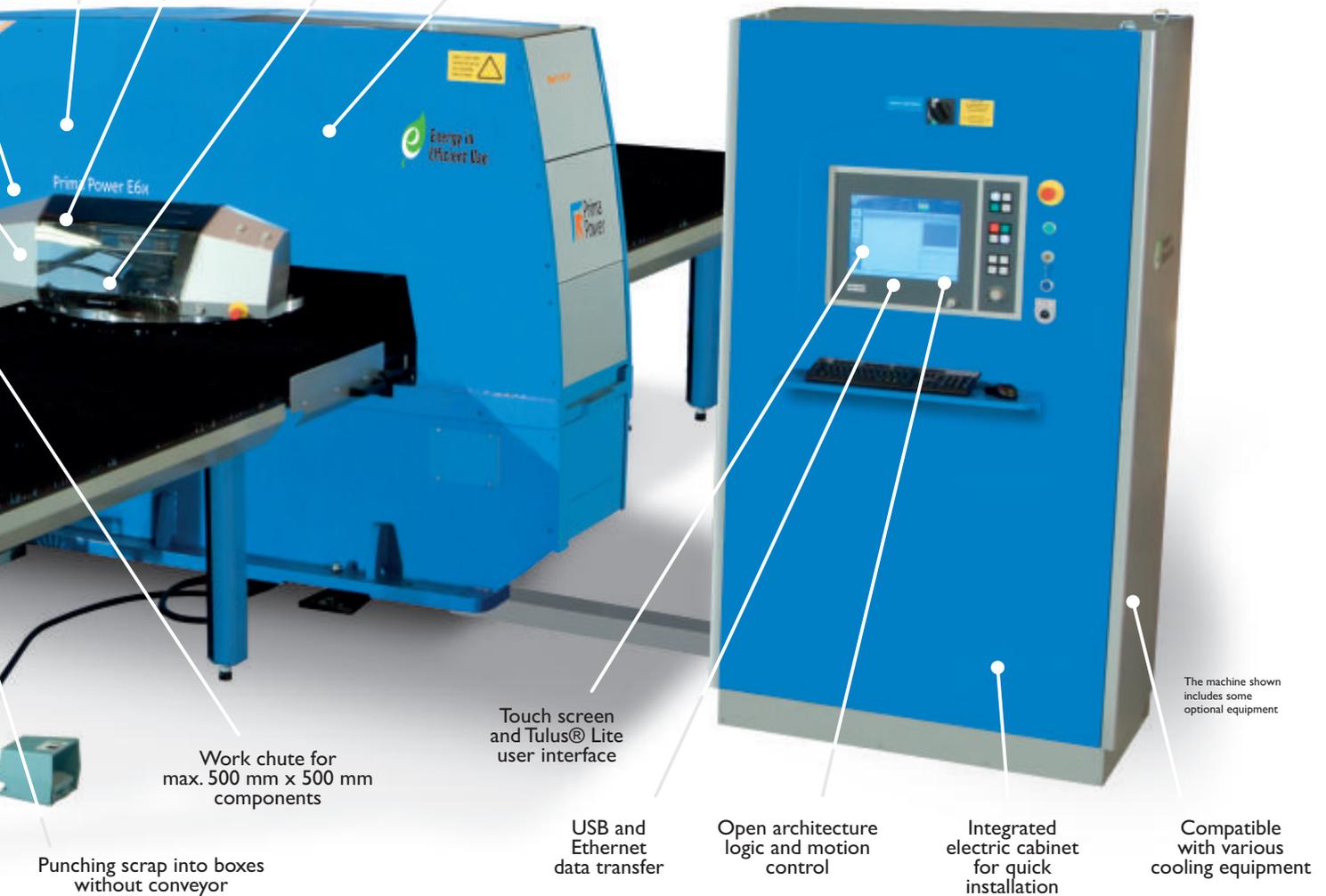
And you make better sheet metal components at lower cost.

A choice of max punching speed 700 hpm or max punching force 23 tons

Fully programmable punching speed, upper and lower limit of stroke

Tooling system compatible with latest technologies, e.g. indexable Multi-Tools®

Rigid O-frame



Work chute for max. 500 mm x 500 mm components

Touch screen and Tulus® Lite user interface

USB and Ethernet data transfer

Open architecture logic and motion control

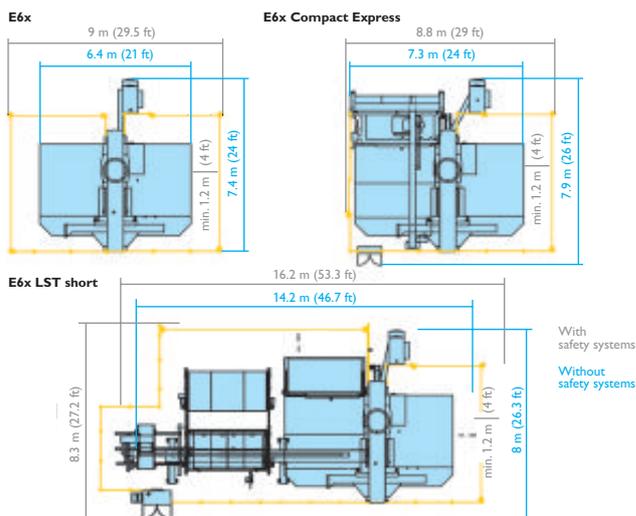
Integrated electric cabinet for quick installation

Compatible with various cooling equipment

Punching scrap into boxes without conveyor

The machine shown includes some optional equipment

Approximate main dimensions



With safety systems
Without safety systems

Prima Power E technology offers you

- Max. sheet size E6x: 3,000 mm x 1,500 mm (120" x 60")
- Max. sheet size E8x: 4,300 mm x 1,500 mm (170" x 60")
- Sheet size 2,530 mm x 1,565 mm (100" x 60") without repositioning
- Punching speed up to 700 hpm / 1 mm between holes
- Punching forces 17, 20 or 23 ton (19.1, 22 or 25.3 US ton)
- Tool rotation speed 133 rpm
- Average power consumption: 5 kVA / 4 kW
- Power consumption on stand-by: less than 0.5 kW
- Power supply connection: 15 kVA (3 x 20 A fuse / 400 V)



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