



BODY BENEFITS

EK425LX/EK628LX – 6-Ton Crimpers



EK425LX/EK628LX

Rated Best 6-Ton Crimper Overall in eight performance categories

- **Ergonomic In-Line** design provides reach to help get into hard to reach spaces protecting body contusion
- **Improved Grip** eliminates unnecessary strain

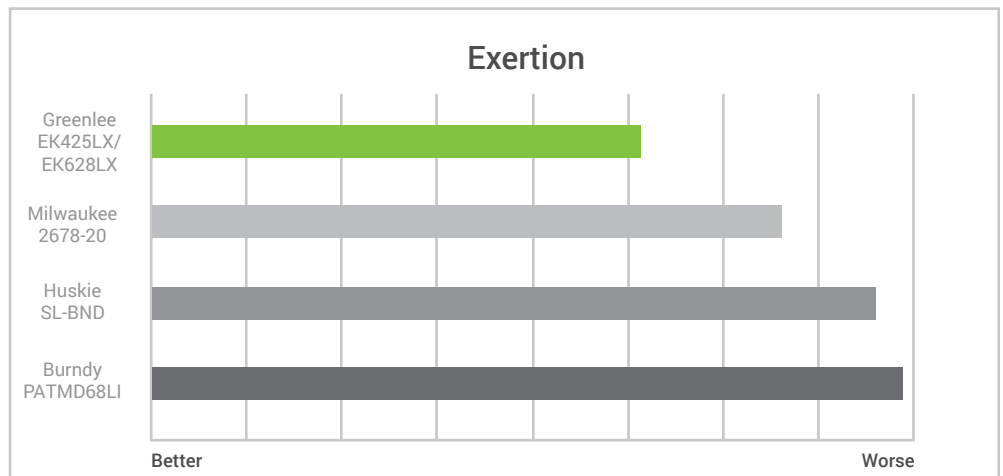
Testing Spotlight

Less Exertion

Test subjects report the strain experienced from using the tool on a 10-point scale. 10 is the most strenuous and 1 is the least strenuous. Perceived exertion is the best overall measure for ergonomics as the body can be more sensitive than objective measures and collects data from multiple sources simultaneously and integrates them.

Lower Exertion Signifies:

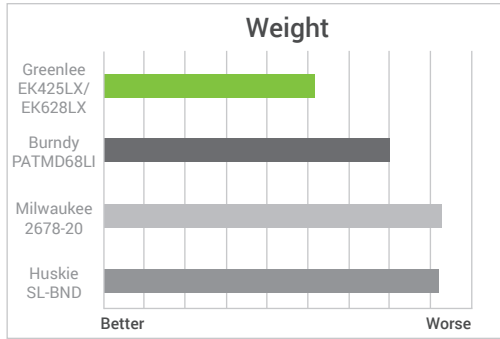
- The tool was easier to use
- Less strain and fatigue
- Decreased risk of injury
- Improved productivity



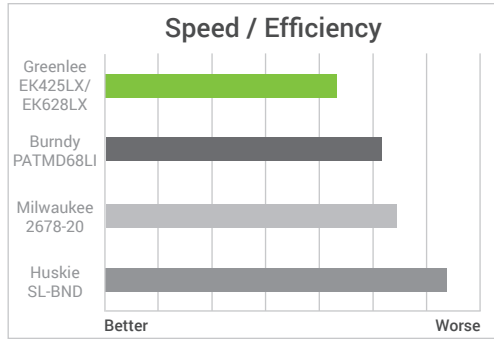
BODY BENEFITS | Feel the Difference

EK425LX/EK628LX TESTING HIGHLIGHTS

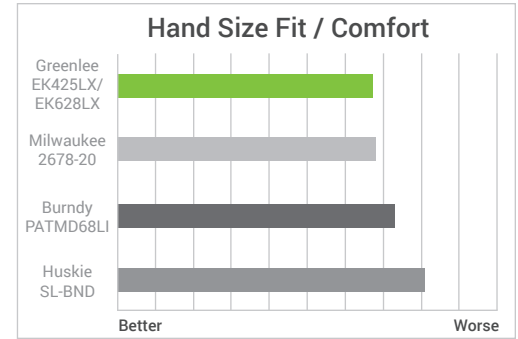
Survey: Participants rated the tools in 8 categories on a 10-point scale after using the tools, with 1 being best and 10 being worst. The categories surveyed were:



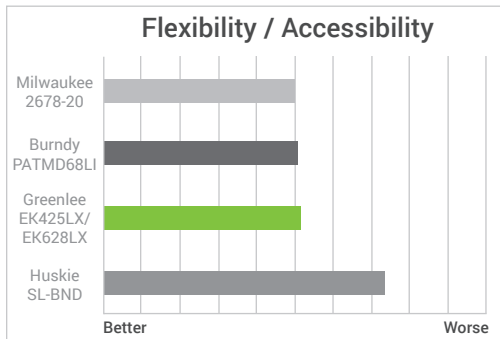
Weight: The operator's perception of the weight of the tool. Actual weight of the tool is a factor, but so is the balance of the tool. In many cases a heavier tool will feel lighter if it is better balanced than a competitive model due to lower operator fatigue.



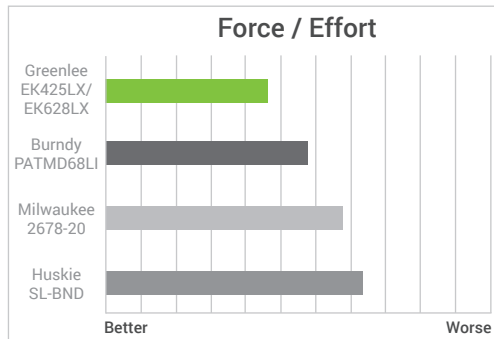
Speed / Efficiency: Operator's perception of how quick and efficient the tool is to use. Linked to productivity.



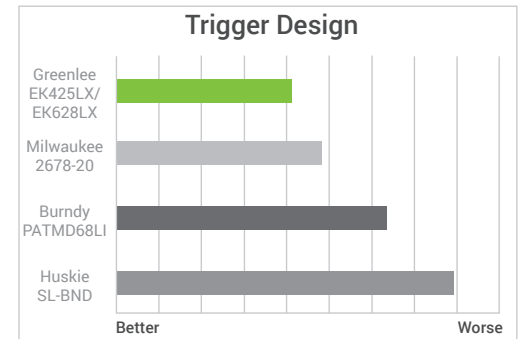
Hand Size Fit / Comfort: Perception of well the tool fits in the operator's hand, as well as, the comfort when in use. Linked to hand and wrist strain/carpal tunnel syndrome.



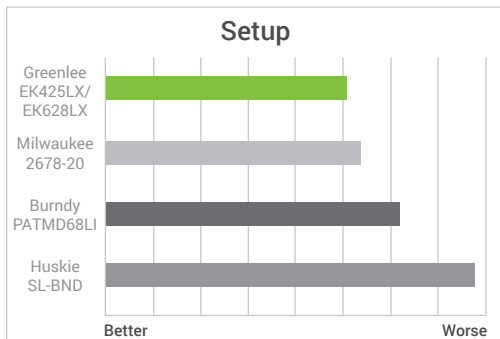
Flexibility / Accessibility: Perception of tools ability to adjust to match job conditions. Linked with improved posture which reduces risk of injury.



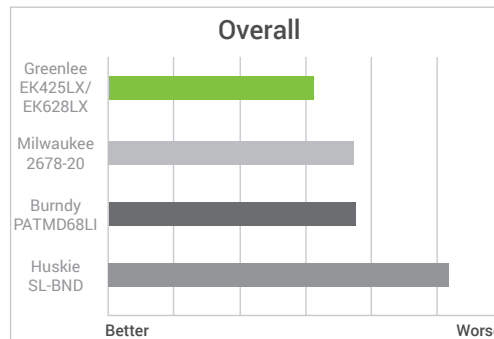
Force / Effort: Perception of the force of effort it takes to operate the tool. Linked with reduced fatigue and muscle strain.



Trigger Design: Perception of the ease of using the trigger. Linked with reduced risk of tendinitis.



Setup: Perception of ease of setting up tool for the job. Linked to productivity.



Overall: Overall rating of the tools performance.

Injury Prevention

Reduced strain from reduced weight, improved grip and trigger design, and decreased effort to use translates into reduced risk of muscle and tendon injuries.

UNDERSTANDING THE TRUE IMPACT OF POOR ERGONOMICS

ERGONOMIC INJURIES ARE THE MOST COMMON TYPE OF INJURY REQUIRING DAYS AWAY FROM WORK.¹

AVERAGE REPETITIVE MOTION INJURY COST:

\$100,397²

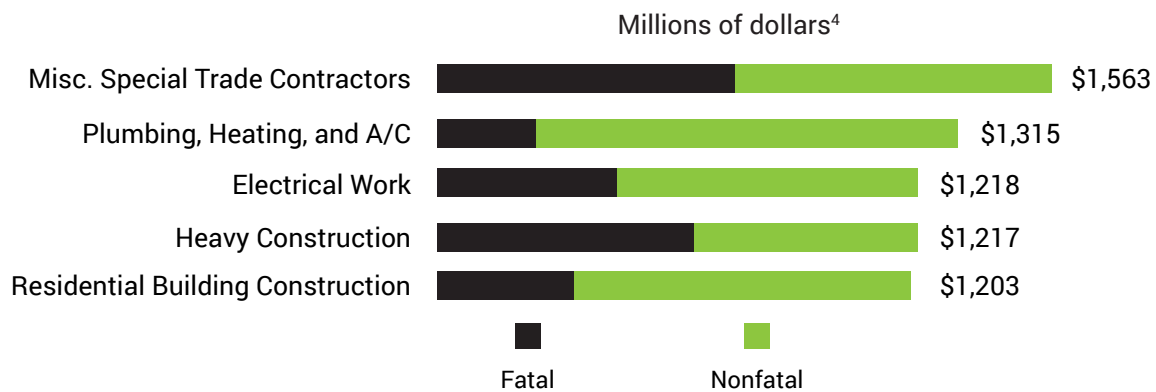
Repetitive motion injuries had an average total cost (direct medical and non-direct) per injury, which require days away from work. The non-direct costs are typically larger and are driven by days away from work.

AVERAGE INJURY COST:

\$56,309³

Average total cost for all injuries (direct medical and non-direct) of nonfatal injury requiring days away from work for Electrical work per injury.

ESTIMATED COSTS OF WORK-RELATED INJURIES BY CONSTRUCTION INDUSTRY



1 - Waehrer G, et al. "Costs of Occupational Injuries in Construction in the United States", *Accid Anal Prev.* 2007 November ; 39(6): 1258-1266

2 - Ibid. Source state a value of (\$75,254) and was adjusted due to inflation for 2002 to 2016

3 - Ibid. Source state a value of (\$37,000) and was adjusted due to inflation for 2002 to 2016

4 - Ibid. not adjusted for inflation

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