

Spindle, Live Tool, & Aggregate Tool Repair Sales Sheet

Ekstrom Carlson & **FASTENAL**

CONFIDENTIAL



What Industry / Machinery?

Metalworking • CNC mill, CNC lathe, CNC grinder, CNC machining centers, manual machines

Woodworking • CNC routers, point to point machines, moulders, shapers, sawing

Plastics • CNC routers and mills

Robotics • Mounted spindles used for routing, milling, drilling, deburring

Stone cutting • Routing, sawing

Target Customers

- Larger precision turning shops with multiple lathes and swiss style cnc machines (1 customer with 50 – 100 cnc lathes can generate over \$100K in sales each year in live tool repair sales)
- Contract machine shops with a large number of mills
- All high production facilities with continuously operating machine centers
- Shops machining difficult materials
- Customers interested in combining repairs with custom step drills, tooling, etc.... from Ekstrom Carlson

Why Ekstrom Carlson ?

ISO 9001, high quality, Computerized CNC optical inspection, volume production, stocking, solid carbide and HSS, Competitive pricing and lead-times, customs available, engineer to improve performance, continuous improvement, fast support, Fastenal partner.

Key Points

- New product and revenue source for Fastenal
- All spindles, live tools, aggregate tools
- Free inspections – USA repairs by Ekstrom Carlson through Fastenal
- Leadership & Technicians have 10+ individual years experience
- 10 working days standard after 2-3 days to quote.
- Expedites are possible. *Longer lead-times may be required depending on damage.*
- Upgrades to bearings may be available (*ceramic, sealed, higher ABEC level*)
- In house dynamic balancing of all spindles to ISO standards
- Assembly in a ISO 9001 clean room
- Repaired to like new condition
- Cost savings relative to the competition
- Freight through the Fastenal system
- Local support through the Fastenal representative
- Direct end user contact with EC as required to support Fastenal

Pricing

- Lower price and better lead-times than machine or manufacturing OEM
- Linear live tools start @ \$650
- Right angle live tools start @ \$950
- Aggregate milling heads start @ \$2000
- Simple spindles (surface grinders, manual collet routers, etc....) start @ \$1000
- Automatic tool change spindles / lathe spindles start @ \$2500

Rough starting prices listed. Prices can range from \$500 to \$25,000. Contact EC for close starting estimates – Firm pricing after quote.



We offer Cutting Tools, Manufacturing & Sharpening, Spindle & Live Tool Repair, Coolant Spray Systems, Router and Saw Motors. Read more about it all at ekstromcarlson.com



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