



Kalamazoo S612V Combination Sander with Vacuum Base –

Built for Industrial Performance

The Kalamazoo S612V combination belt and disc sander (6" x 48" belt, 12" disc) includes a heavy-duty base with an integrated 100 CFM vacuum dust collector to keep your work area clean and safe. The S612V is a powerful, industrial-grade sanding machine purpose-built for high-demand shop use. Featuring a robust 3 HP motor and all-steel construction, this American-made unit is engineered to tackle the toughest grinding and finishing jobs with ease. It helps metal fabrication and welding operations speed up processing and deliver cleaner, higher-quality results – all while producing less dust and downtime thanks to its built-in vacuum system. If you need a reliable workhorse sander that boosts productivity and keeps your shop environment cleaner, the S612V has you covered.



Key Features of the S612V

- **Combination Belt & Disc Design:** Two sanders in one machine! The S612V equips your shop with both a 6" x 48" abrasive belt and a 12" disc on a single heavy-duty unit. Use the belt for rapid material removal and shaping, then switch to the disc for precision finishing – perfect for handling everything from rough stock removal to fine touch-ups without needing separate tools.
- **Built-In Vacuum Dust Collector:** Keep your workspace clean and your team safe with the S612V's integrated vacuum base dust collection system. A powerful 100 CFM dust extractor is built into the steel stand, capturing sparks, metal filings, and sanding dust at the source. The result is better air quality, less cleanup, and improved visibility while you work – no need for an external shop vacuum or dust collector hookup.
- **Heavy-Duty Construction:** Built to last in industrial environments, the S612V features a rugged steel frame and base with cast iron work tables. This heavy construction dampens vibration for more precise sanding results and gives the machine the durability to withstand continuous use. Weighing ~425 lbs, the sander stands firm during operation, ensuring stability even when grinding large metal pieces. Made in the USA, it's a quality investment that will serve your shop for years.



- **Powerful 3 HP Motor:** The combination sander is driven by a high-torque 3 HP motor (available in both single-phase and three-phase models to suit your power setup). This industrial motor provides ample power and consistent speed for heavy grinding jobs without bogging down. A magnetic push-button starter with overload protection is included for safe operation, preventing damage by shutting off the motor if ever overloaded.
- **Quick Belt Changes & Multi-Position Sanding:** Minimize downtime and maximize productivity – the S612V's belt sanding head uses a pre-tensioned one-lever quick-change system for fast belt swaps. You can go from a coarse grit to a fine grit belt in seconds, keeping your workflow moving. The belt arm is multi-position, so you can work with the belt horizontal or vertical (and any angle in between) to accommodate different part sizes and shapes.
- **Precision Work Tables & Adjustability:** Both the belt and disc sanding stations are equipped with sturdy cast iron tables, each with miter slots for precise angle guides. The 6" x 10" belt table and the 7¾" x 16½" disc table support your workpieces firmly, enabling accurate beveling, squaring, and contour sanding. The tables are dual-adjustable, allowing you to maintain exact positioning and consistent results on every job.

Technical Advantages & Benefits

- **High Precision & Quality Finish:** The S612V's massive build and balanced design translate to smooth, stable sanding performance. Its heavy base and vibration-damping cast iron tables help you achieve an even finish and precise control, whether you're polishing a stainless steel weld or fine-tuning a wood piece. Your team will appreciate the improved consistency and quality of work – no chatter marks, just clean results.
- **Superior Dust Control:** Few things slow down production like stopping to clean up dust – or worse, breathing it in. The S612V's built-in dust collection excels at capturing debris and grit directly from the sanding surface, maintaining a cleaner environment and protecting workers' health.
- **Easy Maintenance & Belt Changes:** Designed with busy shops in mind, this sander is simple to maintain. Changing out sanding belts is a quick one-lever action, so your operators can swap abrasives and get back to work in moments. The vacuum unit has an easy-access door for fast cleanout of collected dust and a replaceable filter.
- **Rock-Solid Durability:** In an industrial setting, durability is paramount – and the S612V is built to endure. Its all-steel base, cast iron components, and quality drive system are engineered for longevity. The motor and electrical system are protected by a magnetic starter with overload protection.



Built for High-Demand Industrial Applications

From heavy metal fabrication bays to woodworking and prototyping shops, the Kalamazoo S612V has proven itself across a broad range of demanding industries and tasks. It's commonly used in sectors like energy, oil & gas, petrochemical, automotive manufacturing, knife making, and metal foundries – environments where rugged, continuous operation is required. Versatility is another hallmark of this machine: it can bevel edges, deburr parts, round corners, smooth welds, and even polish or rough sand various materials. Whether you're cleaning up welded assemblies, prepping surfaces for coating, or sharpening tooling, the S612V delivers consistent performance. Its ability to handle both ferrous and non-ferrous metals as well as wood makes it a go-to solution for shops that tackle diverse projects.

Ready to Upgrade Your Shop?

The Kalamazoo S612V isn't just another sander; it's an investment in efficiency, safety, and quality for your industrial shop. Imagine the time you'll save and the improvements in finish quality you'll achieve by integrating this heavy-duty combination sander into your workflow. Don't settle for subpar equipment or dusty, unsafe conditions. Take action now to equip your shop with the S612V and experience the difference it makes in productivity and cleanliness. Contact us today for more information, to request a quote, or to place your order. Bring the S612V into your operation and watch your output improve and downtime decrease – it's time to elevate your shop's sanding capabilities with this reliable workhorse!

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