



# EXPERIENCE ESAB AT FABTECH 2015

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At FABTECH 2015, ESAB demonstrates groundbreaking technology and leading tools that set new standards in welding and cutting – from the new Rebel™, a breakthrough go-anywhere, weld anything machine, to WeldCloud™ online weld data management software that drives productivity, quality and machine efficiency. All ESAB products are engineered to meet your needs and wants. Experience our customer-driven solutions at **Booth N6074**.

Visit [esab.com/fabtech2015](http://esab.com/fabtech2015) to get a sneak preview and for a chance to win great prizes.

Be among the first to experience Rebel at FABTECH and be entered to win your own Rebel machine in our Rebel-a-Day Giveaway. Learn more at [esab.com/truth](http://esab.com/truth).



ESAB is proud to be the official equipment sponsor for the **2nd Annual AWS Welding Wars Competition** at **FABTECH 2015, Booth C1837**. Students from high school or a post-secondary institution will compete in teams of three using MIG, TIG and plasma cutting processes to fabricate the required part in a two-hour time limit. ESAB will provide winners with a new Rebel EMP 215ic multi-process welding package for MIG, Flux-Cored, Stick and Lift TIG welding.

TAKE THE DARE.  
Don't miss your  
chance to win the  
Rebel-A-Day  
Giveaway!



REBEL™



## NEW Rebel™ Series

The new Rebel family of inverters changes the game with unique features like sMIG (“smart MIG”), continuous 120-230V input voltage and a user-friendly display. Strike an arc, and you’ll understand why Rebel sets the new performance standard.

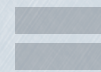
- Provides true multi-process performance for best-in-class MIG, Flux-Cored, Stick (including 6010 stick electrodes), and Lift TIG welding
- Exclusive sMIG (“smart MIG”) built-in algorithm monitors your technique and continuously learns and adapts to provide a stable arc and superior, repeatable welds
- The go-anywhere Rebel features a five-handle roll cage and steel unibody construction – it’s tough enough to face any job
- Comes ready-to-weld with professional-grade Tweco® Fusion™ MIG gun, electrode holder, earth clamp, TIG torch with accessories and Victor® gas regulator



# NEW Warrior™ 400i MV with Warrior Feed 404 HD Feeder

The Warrior 400i MV multi-voltage, multi-process welding system is built for demanding applications where location and process flexibility are required. Paired with the new Warrior Feed 404 HD wire feeder, this Warrior system solution ensures premium welding performance.

- Rugged inverter accepts three-phase primary power ranging from 220V to 460V±10%, 50 or 60 Hz
- Delivers 400 amps at 60% duty cycle and provides a consistently smooth and stable arc throughout its entire operating range in every process: MIG, Flux Cored, Stick, TIG and Arc Gouging
- Heavy-duty feeder features unique drive roll design, advance functions that lower the cost of operation by 30 to 60%

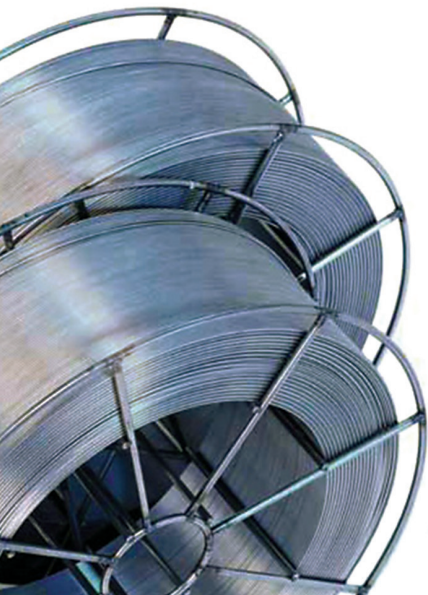


**Switch and Save a Bundle** promotion now extended through December 31, 2015. If you currently use competitive cored wires and guns, here's a great reason to switch: receive free Tweco Spray Master® guns for changing over to ESAB cored wires and Tweco guns. That's a FREE gun for every bundle switched. Check out the details at [esab.com](http://esab.com).



**STOODY**  
AN ESAB BRAND

## NEW Filler Metals



Optimize welding system performance with premium quality filler metals for everyday welding, as well as a large portfolio of specialized solutions – all proven to perform.

- New Stooddy® gas shielded flux-cored wire for all-position welding of similar and dissimilar metals using 100% CO<sub>2</sub> shielding gas
- Stooddy nickel-based tungsten carbide hardfacing products featuring new wire formulations and new PTA and laser cladding powder families
- SAW solutions: New Flux Pack™ provides better handling and protection of SAW flux; Eco-Coil for high volume wire applications
- Coreweld™ and Dual Shield™ cored wires known for their deposition efficiency pair with the Tweco® Spray Master®-Velocity MIG gun for unbeatable cost-performance benefits
- Wide range of specialty alloys include AlcoTec® NT aluminum wire and ESAB stainless steel and nickel alloys to meet the demands of GMAW, GTAW, SMAW, FCAW, and SAW

# Cutmaster® True™ Series



Thermal Dynamics® Cutmaster TRUE Series manual plasma cutters ensure TRUE cut capacity – the recommended cut capacity equals the system’s true cut capacity.

- Systems range from 20 to 120 amps and cut material from 1/4 to 1-1/4 in. thick
- Maximum cut thickness ranges from 60 to 150% greater than the recommended cut for more power when needed
- Patented 1Torch with SureLok® technology works with most plasma cutting power sources
- No need to “buy up” to a larger system, lowering the total cost of ownership
- Easily move from manual to mechanized cutting with tool-less torch changeover and simple conversion kit



## **VICTOR** Gas Equipment AN ESAB BRAND

Victor® sets the standard for gas equipment with more than a century of safety, performance and innovation in the most complete product line.

- Innovative EDGE™ regulators offer safety, durability and performance features not found on competitive regulators
- Revolutionary SLAM™ technology is a breakthrough design for the protection of the regulator’s critical components in the event a cylinder falls
- G series regulators feature high-contrast gauges and color-coded knobs for ease of use
- Patented ergonomics of the 400 Series handle increase operator comfort
- Heavy-duty Journeyman oxy-fuel outfits are the choice of professionals



**POWER UP  
YOUR SHOP  
WITH ESAB**

**Power Up Your Shop with ESAB.** If you have a welding or cutting need, there’s an ESAB branded solution – and that includes the products featured in ESAB’s cash back promotion: light-industrial MIG/Stick/TIG and TIG/Stick inverters, Victor® oxy-fuel outfits and Thermal Dynamics® plasma cutters. Rebates range from \$25 to \$250 cash back and are offered through December 31, 2015. Go to [esab.com](http://esab.com) for details.



## SGX and Columbus®

Compact, rugged and easy to use, the SGX automated cutting machine is ideal for smaller shops looking to automate as well as fabricators that want to improve cut quality and productivity. With the latest release of Columbus® CAD/CAM Nesting Software, new features and updates make programming easier and more efficient.

- Standard definition or Precision Plasmarc® m3 plasma technology, as well as CNC oxy-fuel cutting
- Intuitive Vision® T5 controller, innovative Operating Wizard provide ease of use
- Table can be configured with 4 to 8 ft. cutting widths and 8 to 48 ft. cut lengths
- Columbus software improves material utilization, increases productivity and streamlines workflow; new Job Wizard automatically creates NC programs



## SAW Solution: ICE™ + Aristo® 1000 AC/DC + CaB



ICE, the most productive, cost-efficient Submerged Arc Welding (SAW) process available today, pairs with the high performance Aristo 1000 AC/DC power source on a Column and Boom (CaB) to create a high productivity SAW welding system.

- System features ICE in a Tandem Single setup powered by three Aristo units
- Advanced PEK controllers ensure full control of the welding process
- Stable, high productivity process handles a broad range of applications
- Modular CaB available in several sizes and with the largest range of options for welding heads, flux/wire systems, guiding systems and power sources



# Robotic Welding

ESAB welding automation solutions make it easy to increase productivity. We solve specific application challenges by bringing you a complete, customized robotic welding package that's fully supported.

- Aristo® Mig 5000iR offers better arc starts and stops and improved arc stability
- The best robot TCP management available with a full range of air and water cooled, narrow-gap, tandem and push-pull torch variants
- Open-architecture approach with built-in web server enables easy integration with all robot brands, peripherals and customer systems, including smart phones and tablets
- Unique high-productivity Swift Arc Transfer (SAT™) process achieves wire feed speeds up to 1,200 ipm; deposition rates up to 20.2 lbs./hour, maintaining unparalleled penetration



## NEW WeldCloud™

WeldCloud online weld data management platform provides the process transparency and product traceability necessary to drive continuous productivity and quality improvements.

- Powerful applications collect data, enabling a wealth of analytics
- Web-based reporting provides up-to-the-second status information
- Data is stored securely in one comprehensive database, located within your firewalls
- Uses open-source messaging, leading MQTT (small messaging) protocol for a “future proof” platform
- Quick and easy installation



# Catch the Celebrities



Dare to Rebel. Meet Ian Johnson host of PowerNation TV's *Xtreme Off Road* and share your Rebel welding experience. Don't miss your chance to talk shop with Ian. ESAB is official welding and cutting equipment supplier of *Xtreme Off Road* and *Detroit Muscle*.



Get ready to roll with the Crossbow. Meet LetzRoll Offroad Racing owner Andrew McLaughlin and learn first-hand why LetzRoll relies on this flexible, portable cutting machine to build its rugged off-road vehicles.

## Experience ESAB and Win

### INSTANT SCRATCH OFF GIVEAWAY

Experience ESAB products and you can win instant prizes, including a Warrior™ Tech Helmet, and be entered to win the grand prize of a complete welding shop. Get a second chance to win as we give away a Victor Medalist® gas equipment outfit.



### REBEL-A-DAY GIVEAWAY

Weld with the new Rebel and you're eligible to win a complete Rebel welding package that includes an auto-darkening helmet custom painted by artist Joshua Shaw. We're giving a Rebel away every day of the show!

### CROSSBOW GIVEAWAY

The Crossbow is the perfect entry point into automated plasma or oxy-fuel cutting. Experience this flexible, portable system at FABTECH and you could win a Crossbow of your own.



### DAILY CUTTING CONTESTS

Show us your cutting skill in one of our daily cutting contests. Your expertise could win you a Victor Medalist 250 Outfit or an ESAB welding helmet customized onsite by artist Joshua Shaw. One grand prize winner will receive a Thermal Dynamics Cutmaster 42 manual plasma cutter.

### ONLINE TRIVIA CONTEST

We're counting down to all the action at the show with an online trivia contest. Join us on Facebook for all the fun and you could win an ESAB swag bundle.





# TRUTH

REBEL RUNS MIG, STICK, AND TIG LIKE IT WAS BORN TO, CONNECTS TO 120 AND 230V, AND HAS SOME OF THE MOST INNOVATIVE WELDING TECHNOLOGY ON THE MARKET.



# DARE

MAKE THE MOVE TO ESAB. PICK UP THE MOST INCREDIBLE GO-ANYWHERE, WELD-ANYTHING MACHINE MADE BY MAN.

[ESAB.COM/DARE](http://ESAB.COM/DARE)

REBEL™