



Alro Metals & Plastics NEWSLETTER

Aluminum Alloy Carbon Steel Stainless Tool Steel Red Metals Plastics

April 2025 Edition

Alro to Support Local Driver Morgen Baird in the NASCAR Craftsman Truck Series

MORGEN BAIRD
AGE: 32
BIRTHDAY: MARCH 3, 1993
HOME: JACKSON, MICHIGAN
STARTED RACING: AGE 12
FIRST CHAMPIONSHIP: AGE 14
@MorgenBaird @MorgenBaird

Morgen Baird is a racer from the Midwest that has won on multiple race tracks in Michigan, Indiana, and Ohio. Morgen has a huge passion for the sport of racing, his enthusiasm and love for the sport, along with his charisma and driving ability make him a crowd favorite. Morgen and his parents made the decision in 2016 to sell all of their own equipment and chase the big dream of racing in NASCAR's top divisions. Morgen spent 8 seasons on the ARCA Menards Series with top 10 finishes in the race at Michigan from 2021-2023. In 2024, Morgen debuted in the NASCAR Xfinity Series in the Alro Steel No. 53 Ford Mustang. In 2025, Morgen will drive in the NASCAR Craftsman Truck Series for Reaume Brothers Racing in the Alro Steel No. 22 Ford truck.

Alro Steel is a distributor of metals and performance plastics with over 80 locations in 16 states. Alro is based in Jackson, Michigan and was founded in 1948. Learn more at [alro.com](#).

Morgen Baird will make his Reaume Brothers Racing debut in the Alro Steel #22 Ford F-150 truck during the NASCAR Craftsman Truck Series races at Kansas Speedway in May, and at Michigan International Speedway in June. Partnering with Alro will bring a hometown sponsor and driver to Michigan International Speedway this June.

- Kansas Speedway Saturday, May 10 at 7:30 pm on FS1
- Michigan International Speedway, June 7 at Noon on Fox

Morgen Baird

Alro Receives 'Proudly We Hail' Award

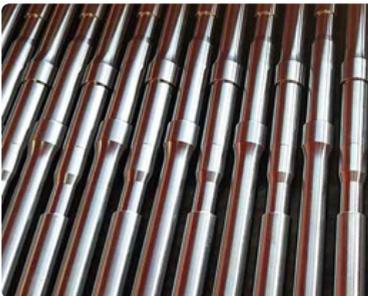


Alro recently received the 'Proudly We Hail' award from the Exchange Club of Jackson! The American flag spans 30 feet long and flies along US-127 highway in Jackson, Michigan.

The 'Proudly We Hail' award is presented annually by local Exchange Clubs across the US. It recognizes individuals and businesses for their patriotic display of the American flag.

'Proudly We Hail' Award

Gun Barrel Quality and Ballistic Protection



SR 500 Ballistic Protection Steel Plate

SR 500 ballistic protection steel is well suited and specifically designed for shooting ranges and target manufacturers. SR 500 can laser, plasma, or waterjet cut.

4150R Gun Barrel Quality Alloy

4150R Q&T GBQ (MIL-B-11595E) is a unique grade of alloy hot rolled quench and tempered bar designed for firearms manufacturing.

416R Barrel Quality Stainless Steel

A low sulfur, pre-hardened variant of 416 stainless suitable for manufacturing high quality precision rifle and pistol barrels.



SR 500 Ballistic Protection Steel



America's Premier Metals & Plastics Service Center

Alro stocks 1/4", 3/8", and 1/2" thick in hardness 500-590 HBN

Alro Steel offers SR 500 Ballistic Protection Steel which is well suited and specifically designed for shooting ranges and target manufacturers. We are your competitive advantage for your future designs of protective equipment. We decided to stay on the safe side, we think you should too.

- SR 500 can be certified to ballistic level by caliber.
- Will your AR (Abrasion Resistant) 500 supplier do that?
- Able to be Laser, Plasma or Waterjet cut per print
- No edge cracking or chipping from thermal process (HAZ)
- Formable to ANSE Standards



SR 500 - Shooting Range and Target Steel

The ballistic recommendations do need to reference SR 500 as that is what product they are specific to.

	Typical Threat	Distance*	Suggested Thickness**
Handguns	9mm, .357 Mag, .44 Mag, 45 APC	15 feet	3/16"
Shotguns	12 gauge solid or buckshot	15 feet	3/16"
Bolt action and semi auto rifles	7.62 x 51 M80 Ball, 5.56 x 45 M855, 308 FMJ	30 feet	1/4"
	5.56 x 45 M193, 223 FMJ, 30-06 FMJ	30 feet	3/8"

* Distance - Typical distance test. ** Suggested Thickness - Contact Alro Steel for further information. These are guidelines only and the end user has to verify that the ordered plate thicknesses are suitable in the actual application.

Protection Plate

	Thickness*	Hardness (HBN)	Impact (J) 40° C, T.L.
Mil Spec MIL DTL 46100E	3/16" to 1"	477 - 534	39
Armox® Advance	4 mm to 12 mm	617 - 706	Typical 15
Ramor® 600	3 mm to 6 mm	570 - 640	Typical 25
Target SR 500	3/16" to 1/2"	500 - 590	Typical 32

* Thickness range includes unofficial thickness



Alro Steel

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[Gun Barrel Quality](#)

EZ-Pro Durawood Plastic for Part Storage



Minimize surface quality rejects caused by handling, transport and storage with EZ-Pro Durawood. It is scratch-free, lightweight, easy to machine and withstands strong impacts while being lightweight, flexible and extremely durable. EZ-Pro Durawood is a popular choice by Toyota, Honda, Nissan and companies in the aerospace and trucking industries for creating durable long-wearing part protection, storage, and transport systems.

[EZ-Pro Durawood](#)

Alro Displays at Detroit Autorama



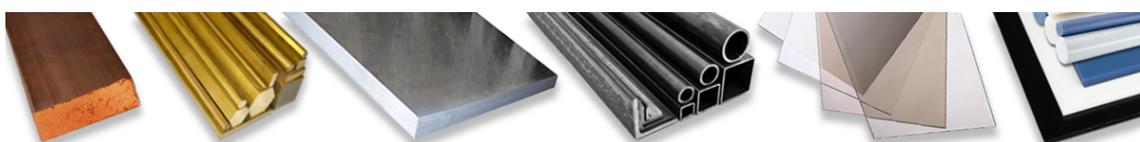
Pictured top Jason Oettel, Alro Metals Outlet Troy, MI and Michael Vernola, Alro Metals Outlet Grand Rapids, MI. Bottom left: Murray Pfaff's 1968 Saab 'Dirt Bomb' Bottom right: Brecken from Oakland University in their Formula SAE race car.

Alro Metals Outlets in Ann Arbor, Grand Rapids, Livonia, Troy, and Warren, Michigan joined together to exhibit at the 2025 Detroit Autorama. The outlets supplied metals for Murray Pfaff's custom-built 1968 Saab 'Dirt Bomb', a standout vehicle featured at the show. Alro is a sponsor of the [Oakland University Formula SAE team](#).

This was the 72nd year for the event that is known as America's Greatest Hot Rod Show. Detroit Autorama features over 800 custom cars, trucks, and motorcycles. The event attracted automotive enthusiasts, builders, and spectators from across the country to celebrate the craftsmanship and creativity in custom vehicle design.

Alro Metals Outlets

Buy Metals and Plastics Online



The Alro Online Store is your source for metals and plastics. The advanced metals and plastics search grids allow you to select cut-to-size, full-length, or remnants from our vast inventory of products. New to the Online Store is a

Clearance Sale listing of low-priced inventory. Pay with a credit card and ship via UPS or common carrier freight right to your door. The Alro Online Store is shopping made simple!

MyAlro Online Store

Oxy-Fuel **Tube Laser** **Plate Laser** **Saw Cutting**

Thermal Processing **Tube Cutting and Chamfering** **Waterjet** **Overhead Routers**

alro.com



Alro Steel

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