

# Explore the History and Products of Newcor Welding

Founded in 1933, Newcor has a rich history of innovation and high-quality products. They have always been committed to providing exceptional customer service and highly reliable equipment.



# Koops Background

1

## A Proud Heritage

Starting as a small family business in 1989, we have grown into an employee-owned company of over 350 people across 7 facilities in North America.

2

## Commitment to Value

"To **serve** our customers with the **best** automation systems."

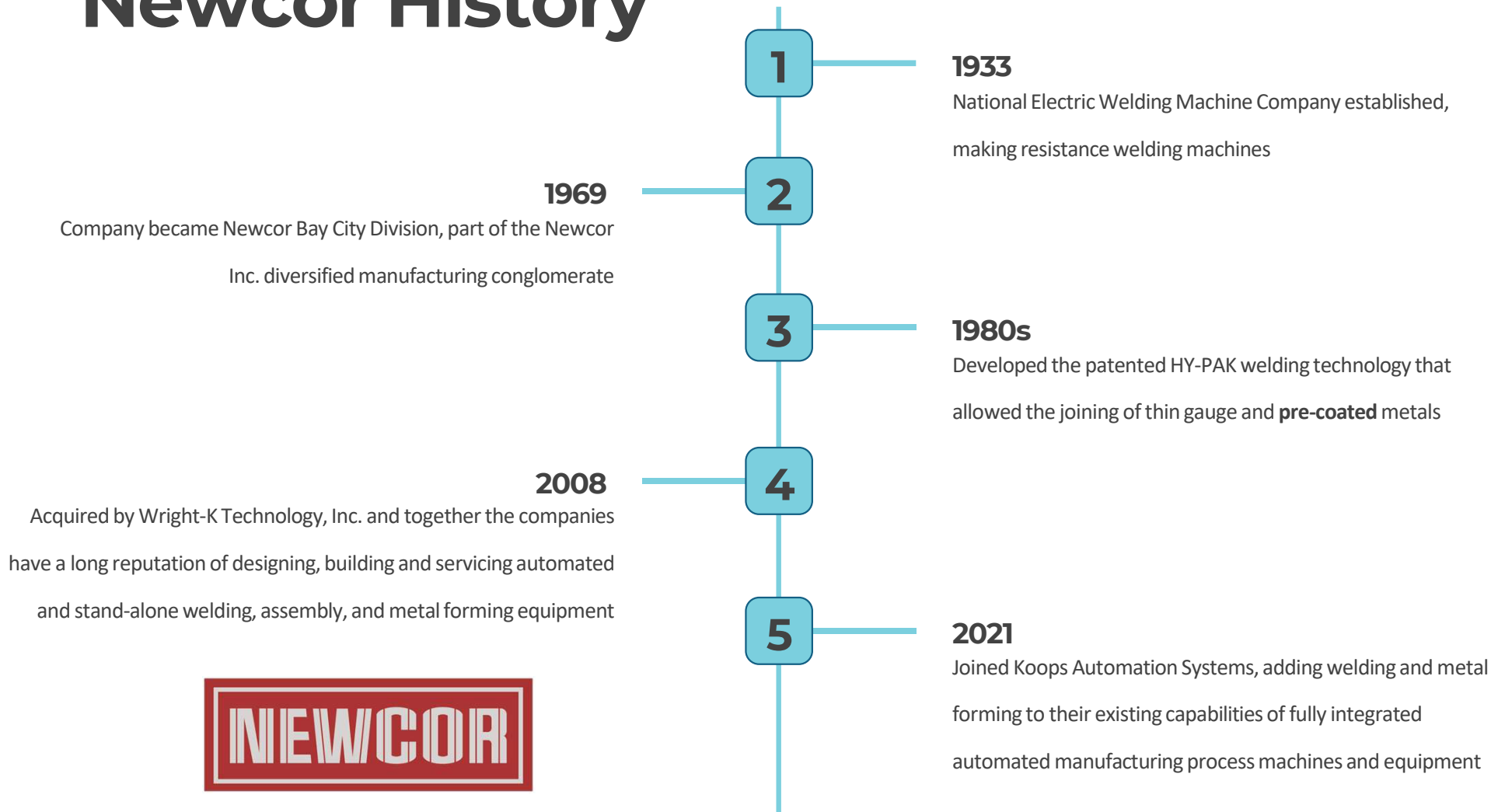
3

## Business of Relationships

Koops is committed to continuous improvement and customer satisfaction. Our best testimony is our returning customers.



# Newcor History

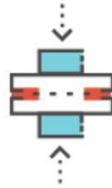


# Newcor Product Offerings



## Seam Welding

Resistance weld to join work pieces of similar or dissimilar materials along a continuous seam. Right combination of pressure and speed to achieve consistent quality welds.



## Projection Welding

Resistance weld where the design or shape of the part is used to make discreet individual point contacts to concentrate the current during the welding process.



## Spot Welding

Joins two sheets of metal together by applying a force to close the gap between the sheets and then passing an electrical current through the contact point causing fusion of the metal at the contact point.



## Robotic Welding

Combine various welding technologies such as resistance, MIG/TIG, etc. to perform automated welding for increased accuracy, enhanced safety and reduced time.



## Friction Welding

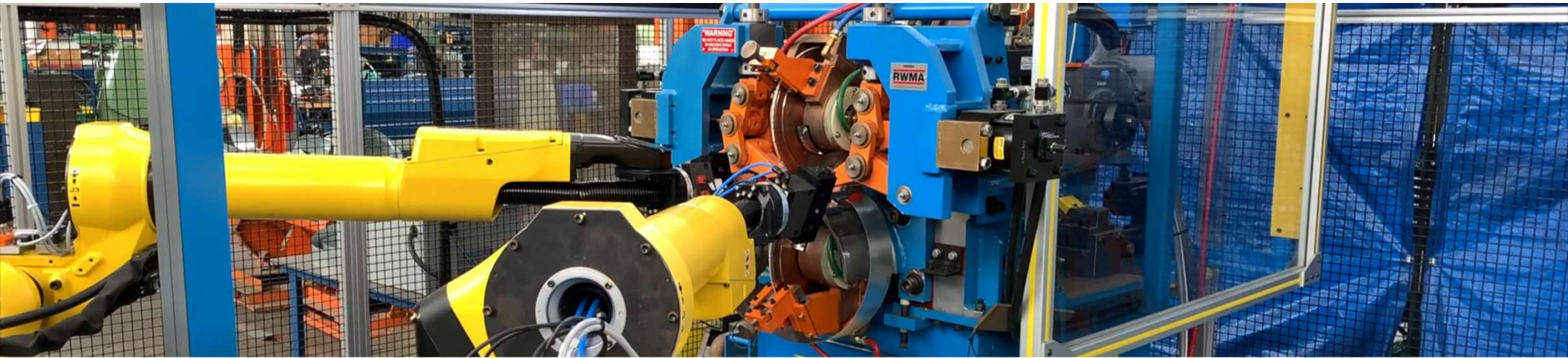
Solid-state welding and bonding process that generates heat through mechanical friction between workpieces in relative motion to one another.



## Flash (Butt) Welding

Resistance weld by running current through the 2 materials to create an arc and heat at the joint, thus melting the metal and then pressing together effectively forge welding the pieces.





# Applications

**1** Electric Motor Housings

**2** Barrels/Drums

**3** Bumpers

**4** Compressors

**5** Axle Shafts

**6** Wire Rack

# Equipment Showcase



[YouTube Link](#)

## Quality

From our raw materials to our finished products, we never compromise on quality.



[YouTube Link](#)

## Innovation

We are constantly pushing the boundaries of what's possible, developing products that are both stylish and highly functional.



[YouTube Link](#)

## Reliability

With a focus on longevity, our products are engineered to stand the test of time, exemplifying durability you can depend on.