



Material Handling



PRESS

One of the greatest manufacturing advantages New Age employs is an aluminum extrusion press. This gives us control over material size, shape and quantity. In other words, by controlling the extrusion process, we have unlimited flexibility in product design and durability.

New Age has hundreds of extrusion dies in stock and the ability to acquire almost any die needed. The extrusion process starts with pure primary grade aluminum to ensure our products will not rust or corrode. The heated billet is placed into the extrusion press, an extrusion die is set in place, and the extrusion process begins. The 2.8 million pounds of pressure placed on the die makes the aluminum billet flow through the die to create the desired shape.

Once the extrusion cools, it is stretched to straighten the shape and to aid in the process of hardening the aluminum. The stretched shape is then cut, stacked and put into the aging oven. The aging oven heats the metal to around 360 degrees for about eight hours; This gives the aluminum it's temper or hardness, ensuring it's shape for the duration of it's lifetime.



#99271 Cart
#0381 Tote
#0831L Lid

#30SS36KD Table
#99663 Shelf, Posts, Bracket (kit)
#99654 Shelf



#1204



#1263



#99304



#99762

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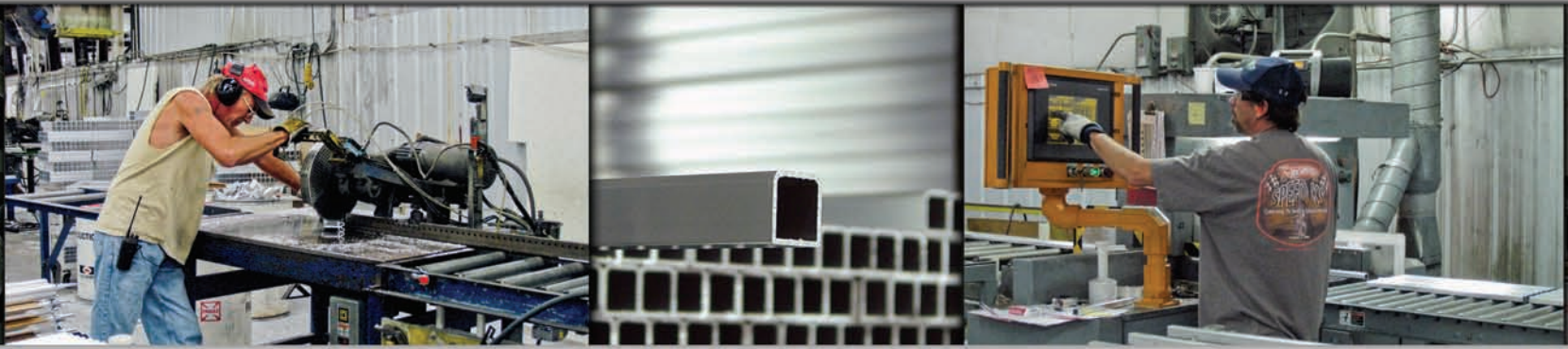


SAW

Stock length extrusion then moves to the saw department where the extruded shape is sawed into the correct length for each specific product. Whether it is a standard part that we cut hundreds of, or a single custom unit, New Age has the personnel and equipment to handle the job.

Our high-tech automatic saw cuts precisely, ensuring high quality parts everytime. Manual saws are used for the more complex cuts and for custom items.

Finished parts from the saw department move to the welding or fabrication department.



#98909



#97769



#99814



#RD2024

FABRICATION

Fabrication is responsible for drilling, bending and notching of both extrusions and sheet aluminum. New Age buys sheet aluminum in large coils of various thickness and widths to limit waste and to take advantage of volume buying.

In many of its processes, New Age uses computer numerical controlled equipment to maintain its high quality standards that are essential in the welding process.



#99538



#99320

#21524ES24P



#21524ES30PC



#99555

WELDING

Welding quality and increased inches of weld per product are just a few features that set us apart from the competition. Our many fully automated robotic welders are used for high volume, repetitive, welding jobs. These high tech machines ensure a precisely welded joint every time.

Highly skilled welders handle the lower volume and custom items. These additional manual welding stations are critical to our market and manufacturing flexibility.



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NEW AGE INDUSTRIAL
NAI
ALUMINUM SOLUTIONS

New Age specializes in custom specific products, whether it is a slight change to a standard item, or a complex design for a special application. New Age has designed and engineered over 10,000 customer specific products and the new product count grows every day.

Because of the advantages of the in-house extrusion press, automated equipment and professional work force, New Age has established an incredible reputation for providing customer specific products to the industry.

Authorized Distributor

Don't Compromise...
Customize.



Don't know what you want?

TEST DRIVE A CART

No Cost Solution to Pick & Put

test drive a cart for 30 days - just pay freight both ways



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