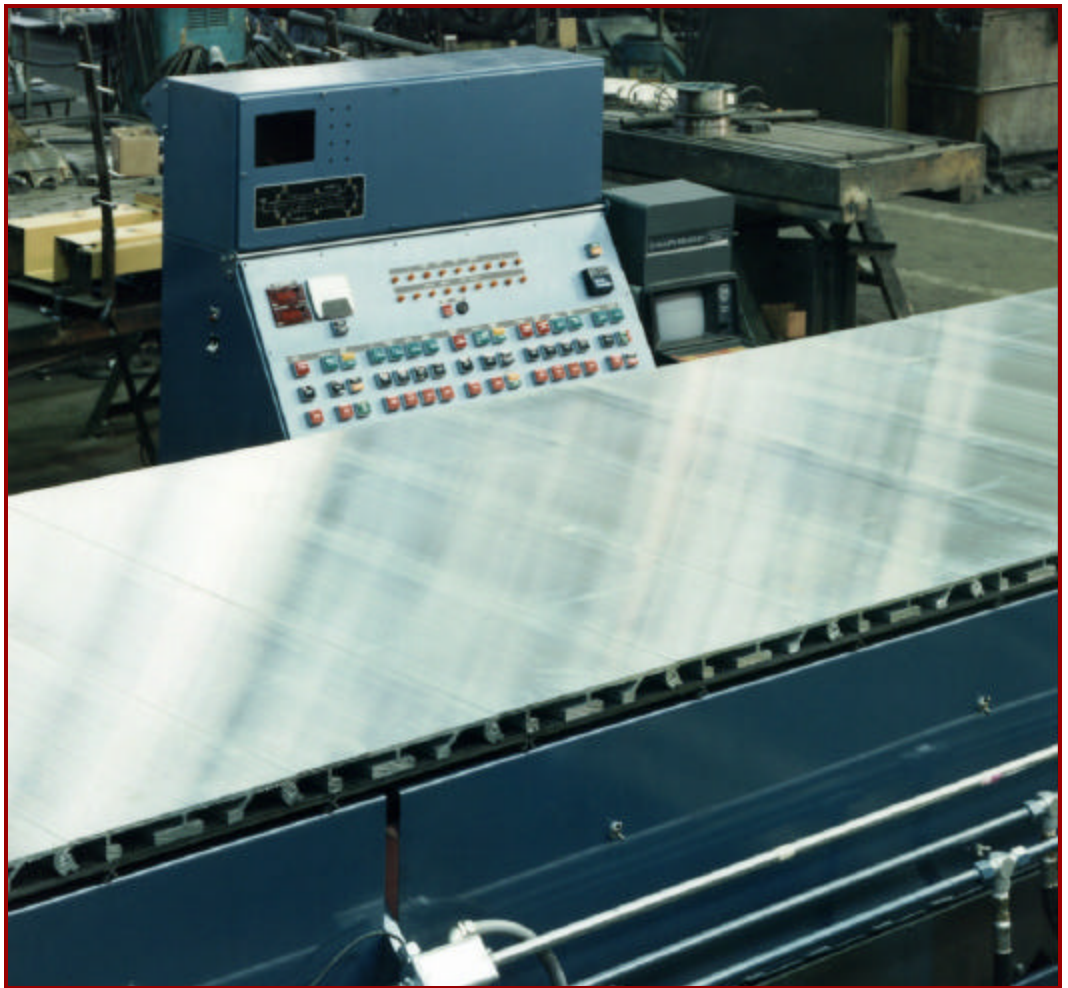


# MACRObelt

- heavy duty conveyor
- belt widths to 25 feet
- super flat/smooth surface





Macrobelt used on Konrnylak Foamboarder for continuous production of flat, accurate thickness foam core panels.

## Smooth/Flat

Adjacent Interlocking plates mate precisely across the full width of the conveyor with almost no visible step. This accurate alignment combined with the smooth flat top of each plate results in an unusually flat and smooth belt surface. This condition is maintained by the high stiffness of the plates, and the heavy duty ball bearing rollers running on a hard alloy track.

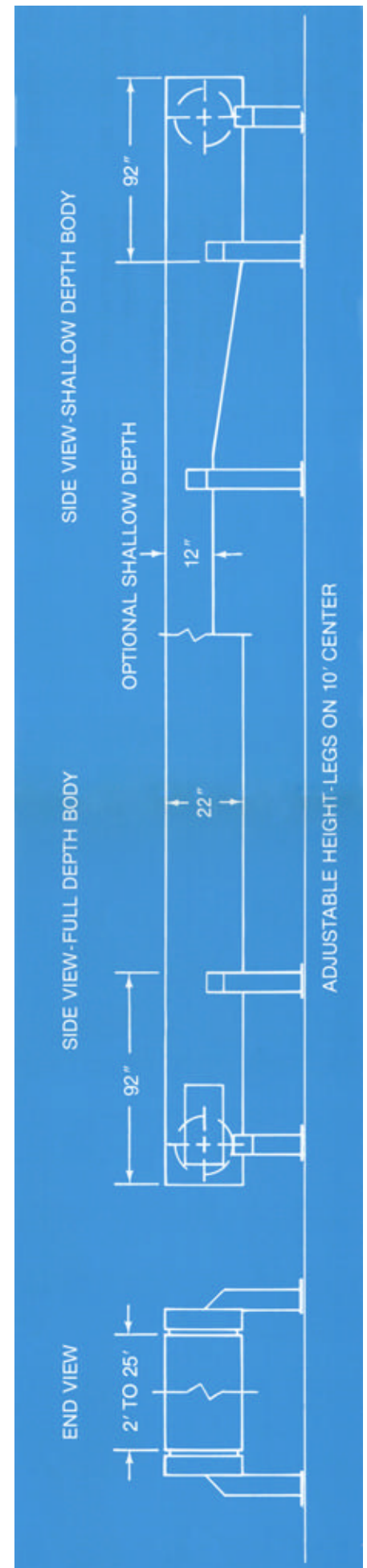
Macrobelt is ideal for highly accurate processing. A typical example is shown in the photo above where Macrobelt's smoothness and flatness produce a new, high level of product surface quality and thickness uniformity of the product.

# Heavy Duty

Uniform loading of 600 pounds / square foot with limited belt deflection is standard with belt support tracks on 2 foot centers. For lighter loading or larger acceptable deflection, the track spacing can be increased. 1200 pounds / square foot can be achieved with tracks on 12 inch centers.

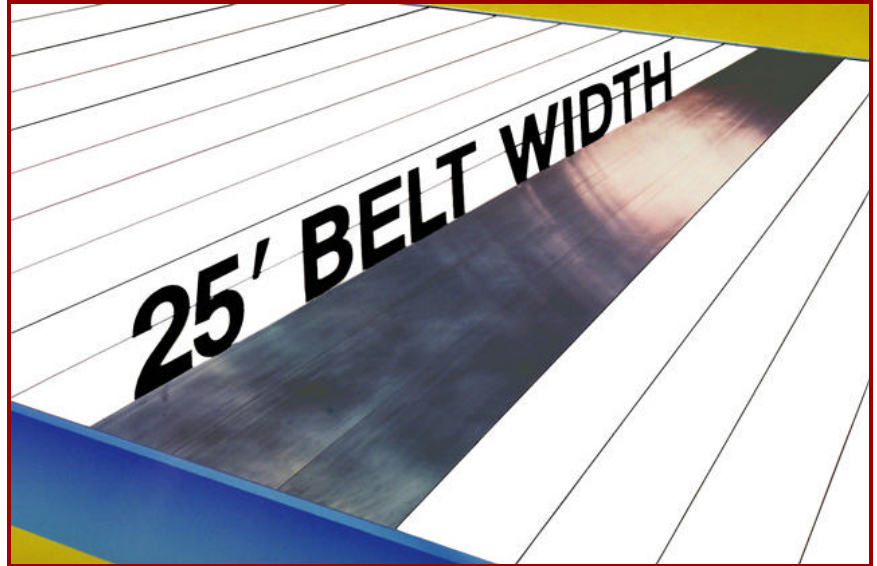
These high ratings result from the thick belt section and the massive integral ribs. Heavy duty anti-friction rollers and a smooth wear resistant track permit full-load speeds up to 200 feet / minute.

The belt is of high strength aluminum alloy. Its high heat conductivity makes it ideal for heating or cooling from the interior of the conveyor.



# Wide Belt

Macrobelt conveyors come in any belt width up to 25 feet. All are made up of smooth, flat, tightly interlocking sections.



# Wide Use

Unlimited uses for Macrobelt stems from its unusual array of superior advantages: width, flatness, stiffness, high load capacity, close fitting joints, low power requirement, bright finish, corrosion resistance, aluminum alloy surface, rapid heat transfer, self tracking, attractive fully enclosed construction, fixture mounting capability, accurate indexing or smooth continuous flow.

A few of the many possible applications for Macrobelt are:

- Conveying
- Sortation
- Accumulation
- Moving work stations
- Live storage
- Walk-on / ride-on operations
- Processing - laminating  
heating, cooling, drying

We would like to help you explore such capabilities for your project.

## Suggestions:

When applying Macrobelt to your requirements, be sure to discuss the application with Kornylak in the early stages of the project. Although Macrobelt is of standardized design, there are many ways to make it lighter, more adaptable, lower in cost and to add accessories and special features. Engineers at Kornylak will be happy to advise at no obligation to you.

If you have any questions please email or call us:

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