Truseal | Dura Platform Spacers

Truseal manufactures a full line of energy efficient insulating glass spacers for the Dura Platform family. Dura Platform spacers reduce the amount of energy loss when heating and cooling homes. This, in turn, reduces the amount of carbon dioxide created and the impact on the environment.

Homeowners are looking for more and more ways to make their surroundings and living space environmentally friendly by choosing green products. This green movement is the result of a combination of factors: global warming, the rising costs of energy and consumer desire to help make a difference and reverse these trends.

With Dura Platform spacers, you have the option to label and promote your windows as Envirosealed Windows™. Truseal offers this marketing campaign to help you sell the environmental benefits of Dura Platform spacers to homeowners. With Envirosealed Windows you can now meet the needs of customers looking to be more environmentally friendly as well as provide windows with unsurpassed energy savings.

Did you Know?

Residential Windows account for between 10-25% of a homes heating energy loss. Better insulating spacers can improve a windows energy efficiency by up to 10%.

Each 0.01 U-value improvement in a window can save approximately 400 lbs. of carbon dioxide per year in a typical home.

Envirosealed Windows with Duralite can reduce total window u-values by up to 0.04 saving almost 1,600 pounds of CO_2 per year and putting approximately $205 of heating energy dollars back in the homeowners pocket.

In 20 years an average home could reduce CO_2 output by up to 16 tons.

If every home in America had the most energy efficient spacers, CO_2 production could be reduced by up to 56 million tons a year.

Envirosealed Windows with Dura Platform spacers can save energy, save money and help save the environment.

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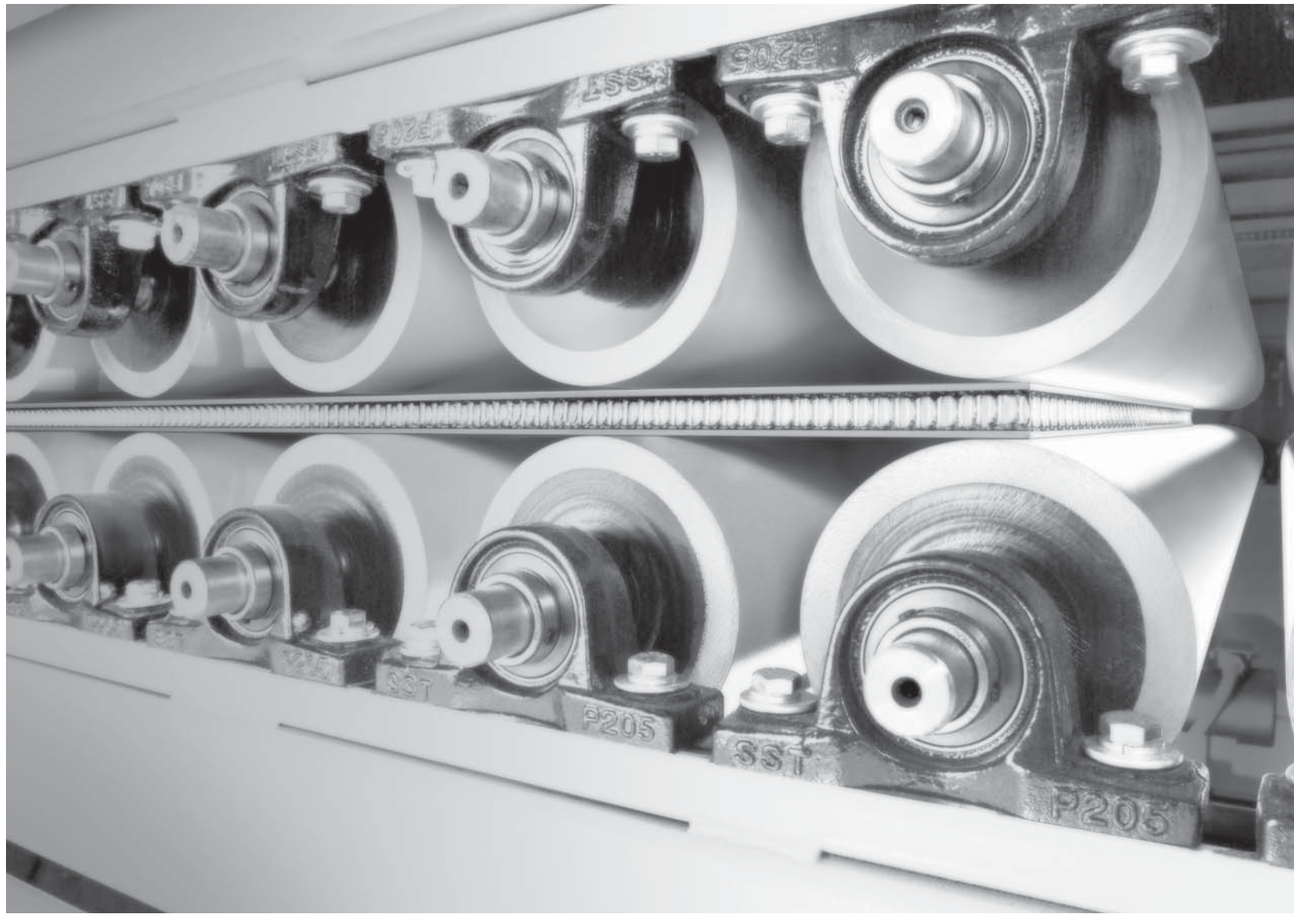
BESTEN EQUIPMENT INC.
A division of Truseal Technologies, Inc.

TAPE 1500 MT

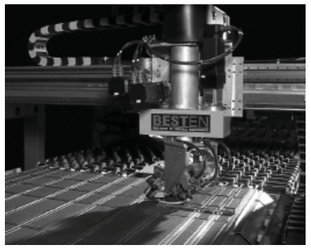
Innovators, developers and manufacturers of specialized machinery for the insulating glass and fenestration industries.



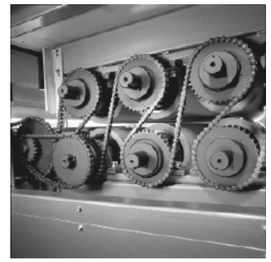
EFFICIENCY EXPERTS

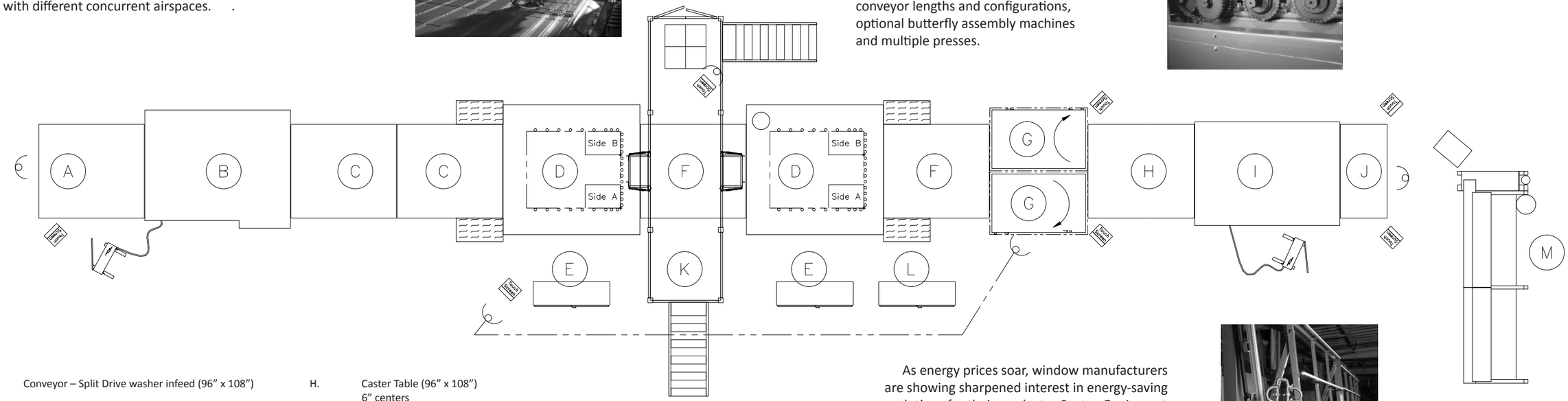
Besten | TAPE 1500 MT

Proven durability of the Besten TAPE Applicator is further leveraged in this novel layout that increases throughput by 50%. The benefits of dual Applicators allows for very flexible and scalable manning scenarios to handle peak periods, seasonal economics and the ability to run either applicator individually, even with different concurrent airspaces. .



Ink-Jet grid location marking sets this flexible spacer application technology apart from other systems. Optional functionality to produce triple-glazed insulating glass units is available, as well as additional layouts that consider conveyor lengths and configurations, optional butterfly assembly machines and multiple presses.





A. Conveyor – Split Drive washer infeed (96” x 108”)

B. 84” High Performance Glass Washer

C. Conveyor – Split Drive Quad (96” x 108”)
Conveyor can hold four pieces of glass 34” x 42” (mode 1)

D. Flexible Spacer Applicator
Six-Axis Servo driven application assembly
Ultra-fast glass recognition system
Servo controlled Duraseal Unreeler
Will handle ¼” to 7/8” Duraseal
Video Jet Printer marks unit ID, date codes & grid marks
Safety Area Scanners

E. Applicator Control Cabinet with remote pedestal control station

F. Conveyor, Transfer – Split Drive (96” x 108”)

G. 96x60 Dual Zone Tilting Air Float Table

H. Caster Table (96” x 108”)
6” centers
Setting Bars

I. 84” Capacity Heated Roller Press
SEVEN sets of 7” compression rollers
Motorized pallet w/remote Digital Display & Controls
SCR Heat Controller

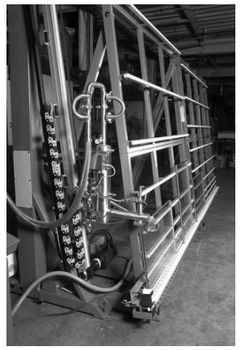
J. Caster Table (96” x 48”)
6” centers

K. Mezzanine
Dual drawbridges to load Duraseal onto both applicators

L. Conveyor Control Panel

M. Quik-Dose (shown with optional 8’ outfeed conveyor)
Control panel 24” x 32”
Machine footprint – 80” x 121”
Machine with outfeed Conveyor – 80” x 217”

As energy prices soar, window manufacturers are showing sharpened interest in energy-saving solutions for their products. Besten Equipment offers the solution of Quik-Dose®, the unique argon filling machine used to rapidly fill insulating glass units with liquid argon. This patented technology reduces unit filling time during the insulating glass manufacturing process from two minutes to as little as five and a half seconds by injecting liquid argon gas. The liquid boils into its gaseous state, displacing the lighter, moist air, which exits through the top edge’s perimeter vent, a feature made possible by Truseal’s flexible spacer technologies.



The new TAPE 1500MT line solves more manufacturing challenges than any other insulating glass production machinery offering. Throughput is maximized and floor space requirements are manageable. You can consolidate spacer type to one “Dura” system and further control valuable plant area versus supporting two dissimilar spacer systems. It offers a progression of spacers, allowing you to move from Duraseal to Duralite and from duals to triples at your company’s pace. It is scalable too, in that you can start with one applicator and add a second as demand grows. It gets many jobs done, not just one.

EFFICIENCY EXPERTS