



**NEW**

## **ClearPad™ HI 600M**

### **Fully Automatic Production Line**

**For a fast, safe & easy application of Ritec ClearShield®**



- **higher production rates, increased coverage rates & reduced costs**
- **consistent quality achieved**
- **easily adapts to most volumes of production**

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## Overview

The ClearPad™ HI600M Fully Automatic Production Line is the latest complement to Ritec's ClearSpray™ Options, designed for the safe and easy factory application of Ritec ClearShield®. The ClearShield Eco-System™ converts ordinary, high-maintenance glass into “non-stick” ClearShield Eco-Glass™ – with enhanced performance and greater market values.

ClearShield® is the only liquid-applied glass surface protection treatment not classified as hazardous. All equipment was developed over the past 35 years as a result of much experience and build-up of expertise.

The ClearPad™ HI600M incorporates many improvements and advantages. Its main innovations come from the use of a pad rather than spray application, and its horizontal design that makes it easy to use as a standalone application line in the factory or in continuation of the tempering line which brings many extra advantages to glass processors and fabricators.

Its modular design means that it can be adapted to meet individual customer requirements and adapt to all typical volumes of production and types of flat glass.

This production line is developed for flat single pane glass. A proposal for IG units may be made on demand.

## Summary of Key Benefits of the ClearPad™ HI600M

- Increases productivity and improves coverage rates,  
**higher production rates, reduced costs and fast pay-back.**
- Easy installation, simple operation and easy maintenance,  
**easily adapts to most volumes of production.**
- High quality and durable construction,  
**easily maintained and reliable.**
- Achieves consistent quality,  
**proven under actual operating conditions.**

## **The ClearPad™ HI600M: Configuration Options**

The modular design of this state of the art new automatic production line allows for a complete adaptation to all requirements and levels of production.

The ClearPad™ HI600M is made up of one to four key modules in addition to the In-Feed and Out-Feed, depending on the desired configuration.

### ***Option 1: Used for Application Only***

Typical configuration:

- Module 1: Pad Application Unit

This is a great option for those who would like to apply the ClearShield® at the end of the tempering line, but already have a washer / dryer unit available in their factory.

The key advantages of Option 1 are:

- reduced machine cost
- reduced machine footprint
- utilises equipment you already own

### ***Option 2: Used in Continuation of the Tempering Line***

Typical configuration:

- Module 1: Pad Application Unit
- Module 3: Washing Unit
- Module 4: Drying Unit

As long as the glass comes out clean at the end of the tempering line, it is dry and at an ideal temperature for rapid curing. This means that Module 2 (Curing Unit), is not necessary. This would be determined as part of a factory survey.

The key advantages of Option 2 are:

- reduced machine cost
- reduced machine footprint
- further increase in productivity

### ***Option 3: Used as a Standalone Production Line***

Typical configuration:

- Module 1: Pad Application Unit
- Module 2: Curing Unit
- Module 3: Washing Unit
- Module 4: Drying Unit

Modules 2, 3 and 4 may be part of the initial installation, or added as and when needed. A suitable glass washer/dryer is required prior to Module 1 to ensure the glass is clean and dry. If not already available in the factory, we may offer the glass washer as an optional module, or a suitable one may be purchased independently.

***For further information, please contact us on +44 (0)20 8344 8210 or email [info@ritec.co.uk](mailto:info@ritec.co.uk).***