

# ALPHATRIM

## Traversing trim winders

**ALPHATRIM traversing trim winders are used for winding edge trims for a wide range of materials on any machine requiring the removal of a slit edge.**

Trim winders are available with traversing heads or guide rolls and with pneumatic or electronic traverse control.

Each trim winder is driven by its own variable speed motor running under closed loop control from a precision pneumatically loaded dancer roll.

The precise control not only gives consistent winding, but improves the reliability of the take off at the slitting knives across the full speed range.

The air operated coreless winding head is ideal for recycling. The robust design is

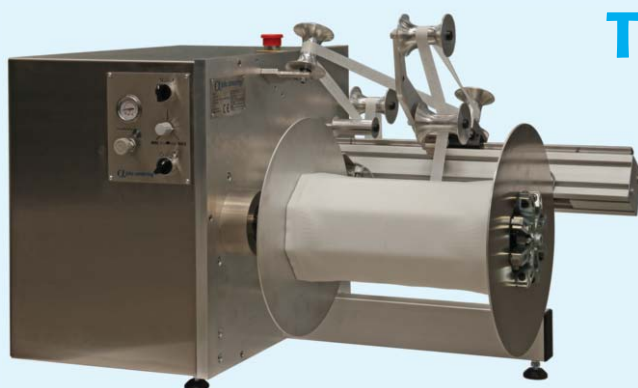
suitable for elastic materials such as LDPE, as well as more standard OPP, laminates and nonwovens.

An air inflated shaft provides a more economical option for winding on paper cores and is suitable for winding of open faced adhesive webs.

Self locking side flanges can be provided for both coreless and air inflated chucks.

An ALPHATRIM winding solution replacing a vacuum extract system can have a payback period measured in months and results in:

- Reduced noise
- Separation of products for recycling
- Compact packages of edge trim
- Reduced power use
- Reduced heating/cooling costs
- Elimination of baling requirements



### TWM

The **ALPHATRIM TWM** winder is used for the majority of flexible packaging and high speed winding applications. The electronic control of the traversing rolls ensures repeatable spooling whether jogging the web or running at full speed and the traverse rate can be easily adjusted by the operator to suit difference trim widths or material thickness.

### TWM-P

The **ALPHATRIM TWM P** is a more economical option suited to slower speed applications with less sensitive products. The traverse rate is operator adjustable and automatically switches off when the line stops. The 'P' is also available with ATEX rating for hazardous areas.



# ALPHATRIM

## Standard features – TWM and TWM-P

- **Choice of winding shafts.**  
Air inflated shafts for paper cores or coreless.
- **Free standing.**  
Can be positioned by the processing line and easily moved to different locations.
- **Auto-stop on web break.**  
Web break detection control system.
- **220-240V, 10A single phase supply, 6 bar (90 psi) air supply.**  
Plug in, attach trims and go!



### Typical materials handled – adhesive or non-adhesive

|                        |                        |                    |                     |
|------------------------|------------------------|--------------------|---------------------|
| Aluminium<br>Filaments | Laminates<br>Non-woven | Textiles<br>Rubber | Film – OPP, PET, PE |
|------------------------|------------------------|--------------------|---------------------|

### Specification

|                           | TWM              | TWM-P            |
|---------------------------|------------------|------------------|
| Web width                 | 5 to 65 mm       | 5 to 65 mm       |
| Line speed                | 600 m/min        | 150 m/min        |
| Rewind shaft              | Coreless         | Air shaft        |
| Winding flanges           | Yes              | Yes              |
| Rewind diameter (maximum) | 350 mm           | 350 mm           |
| Maximum package width     | 350 mm           | 350 mm           |
| Rewind weight             | 30 kg            | 30 kg            |
| Rewind tension            | 0.2 to 1.0 kg    | 0.2 to 1.0 kg    |
| Dimensions (h x w x d)    | 55 x 100 x 60 cm | 61 x 125 x 55 cm |
| Weight                    | 75 kg            | 90 kg            |



### Options

|                             | TWM             | TWM-P              |
|-----------------------------|-----------------|--------------------|
| Line speed                  | 300, 450 m/min  | 50, 100, 250 m/min |
| Rewind shaft                | 76 mm air shaft | Coreless           |
| Winding without flanges     | Tapered end     | Square end         |
| Rewind diameter (maximum)   | 700 mm          | 700 mm             |
| Maximum package width       | 500 mm          | 500 mm             |
| 110V 60Hz electrical supply | Yes             | Yes                |
| ATEX rating                 | No              | Yes                |

Wide web capability (straight wind) – Model TWL +S.  
 Path rolls and mounting kit to take the trim from the slitting station to the trim winder.  
 Non-stick roll covering.  
 Driven pull roll and running nip to ensure positive pull during roll change when used on non-stop process.



### Alpha Converting Equipment Limited

5 Darlington Close, Sandy, Bedfordshire, SG19 1RW, England

Phone +44 (0) 1767 69 22 44 Fax +44 (0) 1767 69 17 93

E-mail [sales@alpha-converting.co.uk](mailto:sales@alpha-converting.co.uk)

Website [www.alpha-converting.co.uk](http://www.alpha-converting.co.uk)

**Alpha**  
converting