

# AR35-I Automatic Flying Splicers



The Dürr Megtec AR35-I is a compact, match-speed flying splicer that is the ideal choice for printers who need maximum performance, but only have a limited amount of space. The splicers reduce waste and increase productivity:

- Ideal for local newspaper and book printers with limited space
- Capacity to handle reels up to 1070 mm (42 in.) in diameter
- Designed for right-angle installation, basement or inline to press
- CE certified version of the splicer is available upon request

## Functional Design

- Optimized "loading window" — even with web speeds of 400 m/min (1300 ft/min), there is more than enough time to remove the expired reel and load the new one
- Proven performance—more than 1000 AR models installed globally

## Ergonomically Simple

- New reel is loaded at floor level; no hoist required
- Lightweight, expandable reel shaft simplifies reel loading
- Easy reel preparation — double-sided tape and splice indicator are applied and then the reel is ready
- Easy-to-use push buttons, full size touchscreen display and signal lamps

## Easy Installation

- Compatible with most new and existing printing presses
- Easy to retrofit due to compactness and requires no mechanical attachment to press

## Superior Components

- Dancer roller system holds web tension constant, even during splicing
- Control system attached to disc brake ensures tension in paper web is constantly held at preset value, irrespective of reel size or web speed
- Acceleration of new reel occurs through an acceleration roller; synchronization with unwinding web is very precise
- Splicing sequence regulated by the PLC

## Solid Construction

- Solid steel frame and solid reel arm with bearings for reel positioning
- Reel is locked into reel arm with bearing caps that are connected to control and safety systems

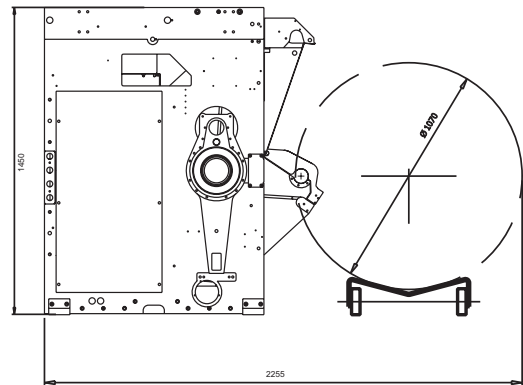
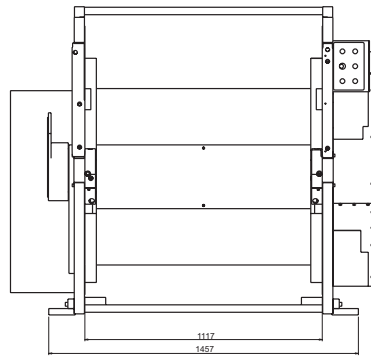
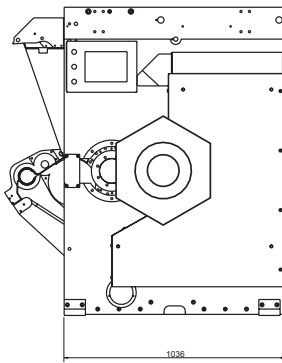


## Design Features and Performance Advantages

- Functional design
- Ergonomically simple
- Easy installation
- High-quality components
- Solid robust construction
- Simple and compact
- Ideal for printers with limited space
- Stable web tension, even during splice
- Full splicing speed at 45,000 cph
- Right-angle or inline installation



MEGTEC



### AR35-I Operating Specifications

- |   |                                    |
|---|------------------------------------|
| • Web Width Maximum                             | 914 mm (36 in.)                    |
| • Reel Diameter Maximum                         | 1070 mm (42 in.)                   |
| • Reel Capacity Maximum                         | 1070 mm + 500 mm (42 in. + 20 in.) |
| • Splicing Speed                                | 25 - 400 m/min (80 - 1300 ft/min)  |
| • Reel Weight Maximum                           | 900 kg (1980 lb)                   |
| • Web Tension (remote control optional)         | 100 - 300 N (22.5 - 67.5 lb)       |
| • Side-Lay Adjustment (remote control optional) | ±10 mm (±0.39 in.)                 |

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