



# Automatic Register Control System for Rotogravure Printing Machines

To ensure that a rotogravure print of a multi-coloured image is clear and sharp, it is necessary to ensure that each colour is printed in exactly the right location with respect to the previously printed colours. If this is not done, we say the printing is 'out of register', or that there's a registration error. Such prints have a fuzzy or blurred appearance.



Out of register



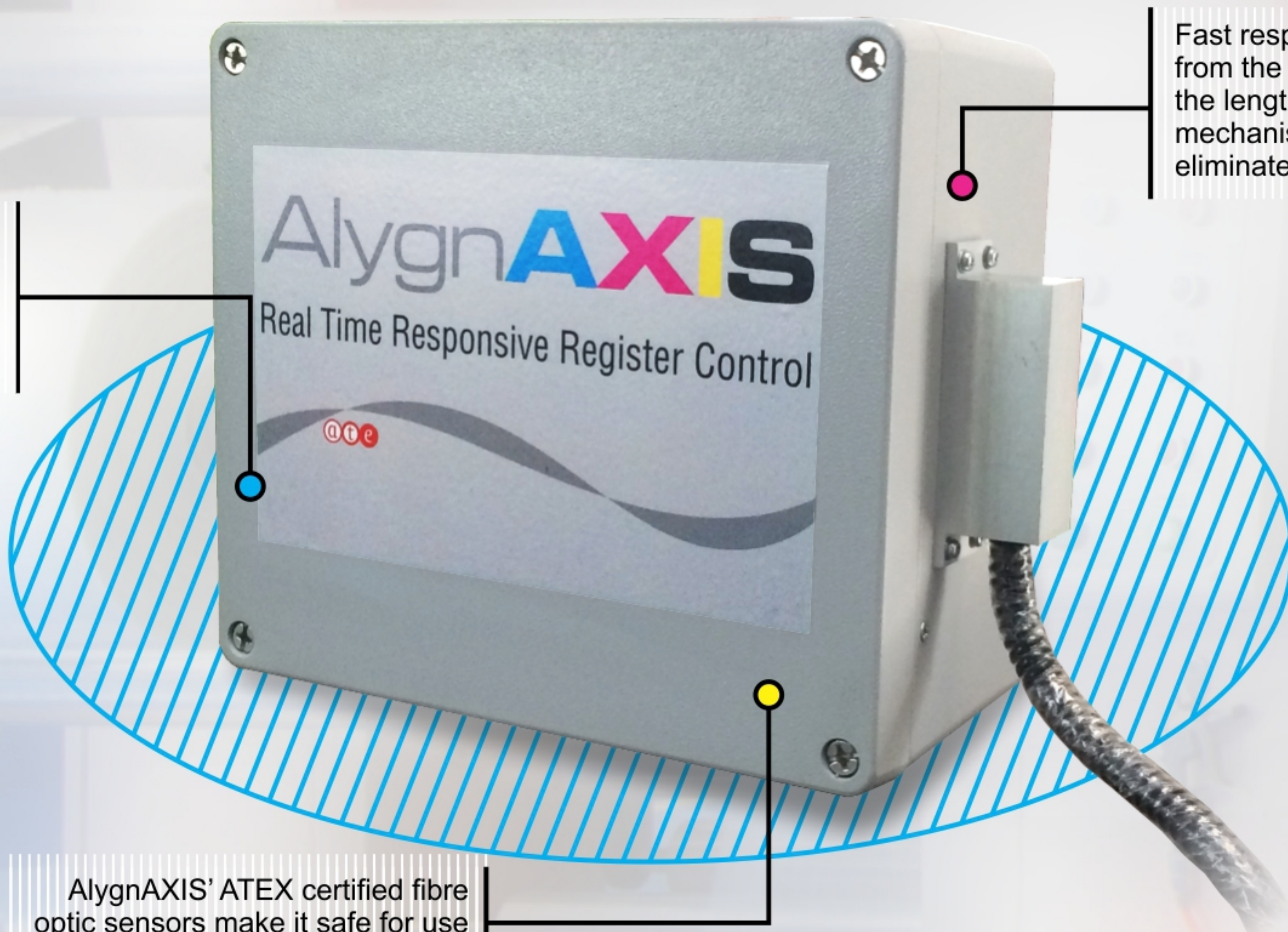
Perfect registration

▣ LOWER MATERIAL WASTAGE

▣ CONSISTENT PRINT QUALITY

▣ INCREASED PROFITABILITY

AlygnAXIS' intelligent fibre optic sensors sense and compute any error at each print head



Fast response output signals from the controller command the length and side control mechanisms and quickly eliminate misregistration

AlygnAXIS' ATEX certified fibre optic sensors make it safe for use in explosive environments

## AlygnAXIS BENEFITS



Boost profitability and productivity



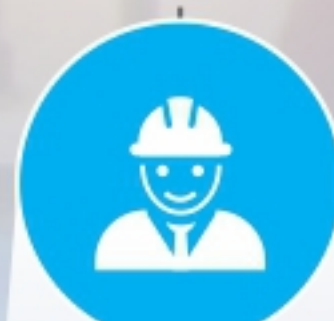
Reduced material wastage during start up, ramp up, and ramp down



Consistent and superior product quality



Increased machine speed



Saving in labour & costs



Versatile and adaptive to specific job needs



Saves time for repeat jobs