

Wireless spindle positioning system from Elesa speeds accurate machine set up



The Elesa wireless spindle positioning system enables faster and more reliable machine set up by use of a wireless connected profile controller, which displays the initial set up values on each of up to 36 electronic position indicators. The operator can simply choose the appropriate menu then quickly re-set each spindle to its correct start position and the machine is "good to go". This saves time and takes out much of the possibility of human error.

Elesa [DD52R-E-RF position indicators](#) are networked to the [UC-RF control unit](#) by radio connection thus enabling an easy and quick installation. Current and target positions are transmitted by RF to and from the control unit, facilitating rapid machine set up.

The system consequently saves time during the format alignment process. Once the set up profile has been called up by the PLC, the control unit UC-RF transmits the target position to each DD52R-E-RF position indicator. The current/target position is displayed on the LCD of the DD52R-E-RF. The operator manually sets the position of the spindles following the arrow displayed on the LCD (clockwise/counter-clockwise rotation). Once all the spindles are correctly set, the UC-RF control unit communicates to the PLC of the machine that the setup has been completed - the system prevents the start of the machine until the set-up has been completed, for safety reasons and to prevent loss of production from incorrect settings.

The UC-RF controller can network with up to 36 position indicators and is compatible with PLC Interfaces: RS232, RS485, Ethernet/IP, Profibus and Modbus. The DD52R-E-RF (IP67) position indicator 6 digit display mode can be selected by the operator.

Further information regarding Elesa products may be found at: www.elesa.com or follow them on twitter: [www.twitter.com/ElesaUK](https://twitter.com/ElesaUK).



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STANDARD MACHINE ELEMENTS WORLDWIDE

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