



DESIGN AND CONSTRUCTION OF AUTOMATIC ASSEMBLY MACHINES



HIGH SPEED ROTARY ASSEMBLY MACHINE

**GD33RV**

HIGH SPEED, AUTOMATIC ROTARY ASSEMBLY MACHINE  
FOR SCREW ON ASSEMBLY

## GD33RV – AUTOMATIC MACHINE FOR SCREW ON COUPLING OF TWO PLASTIC COMPONENTS

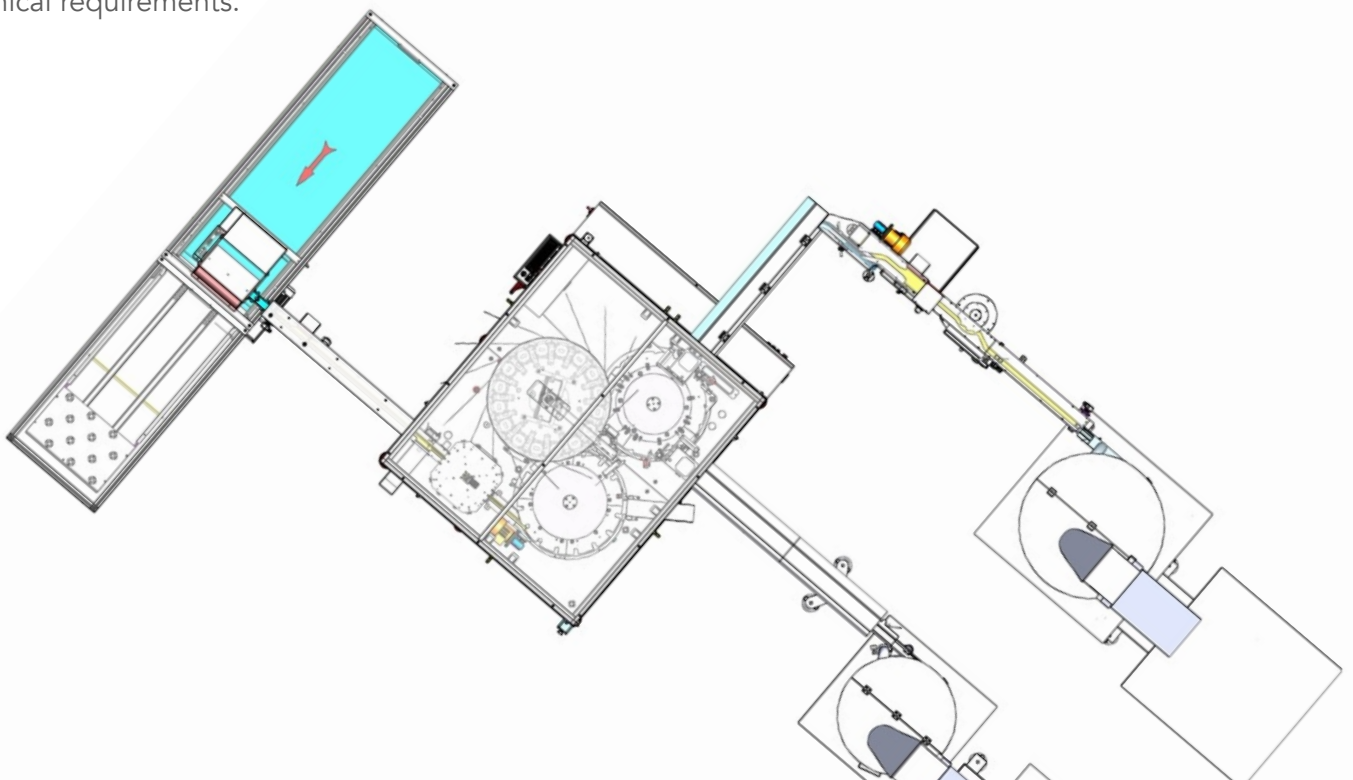
**GIUSEPPE DESIRO' SRL** has a long term experience on assembly machines for combining a wide range of closures used in diversified sectors like cosmetics, pharmaceutical, beverage, chemical and household.

In **Interpack 2023** Desirò will show a new generation of assembly machines type **GD33R** series part of a line of high speed, continuous motion machines with rotary carousels with an output from 200 to over 600 ppm, for the assembly of up to 3 components for simple pressure combine and up to 500 ppm for screw on assembly.

Every Desirò machines are fully run by PLC as standard but the news is the installation of EcoStruxure MACHINE ADVISOR, Digital Service Cloud based by Schneider Electric, that in Interpack '23 will see a real application in the GD33R machine. The new Service is sort of control room that by the new IIoT technologies allows access to machine data in real time, improve the design and development activities will offer high profitability encouraging the adoption of new approaches to care and service.

GD33R presents the Desirò classic configuration of turn table where the stations are moved by cam and adjustable cams for an appropriate assembly of the components. Several options are also available around turn table that combine vacuum or screwing needs.

Camera Inspection system is also integrated in the machine process detecting the proper assembly and quality of the components. Further it is also installed a box for statistic sampling of good assembled closure. Working in strictly collaboration with clients, Desirò offers customization and flexibility solutions for any kind of technical requirements.



GIUSEPPE DESIRO' Srl.

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