ABSTRACT

A machine (10) for the automatic preparation and distribution of at least a fluid coloring product contained in a receptacle (11) containing a paint base, comprises, integrated with each other, data input means (50) able to be actuated by the user in order to choose the sizes and capacity of the receptacle (11), the type of paint base and/or the color of the fluid coloring product to be obtained; a delivery device (21) suitable to deliver coloring substances inside the receptacle (11), according to the data input by the user by means of the data input means (50); a mixing device (22), suitable to stir the receptacle (11) in order to mix the paint base with the coloring substances; transfer means (30) suitable to transfer the receptacle (11) from a loading station (25) to the delivery device (21) and from the latter to the mixing device (22) and vice versa; and a central control unit (59) associated with the data input means (50) and suitable to selectively control and drive both the delivery device (21) and the mixing device (22) and also the transfer means (30).

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order to cause, in sequence, the movement of said receptacle (11) from said loading station (25) to said delivery device (21) along said first horizontal axis (X), the delivery of said coloring substances inside said receptacle (11) by actuating said delivery device (21), the movement of said receptacle (11) from said delivery device (21) to said mixing device (22) along said second horizontal axis (Y), the stirring of said receptacle (11) so as to mix said paint base with said coloring substances by means of said mixing device (22), the movement of said receptacle (11) from said mixing device (22) to said delivery device (21) along said second horizontal axis (Y), and the movement of said receptacle (11) from said delivery device (21) to said loading station (25) along said first horizontal axis (X).

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