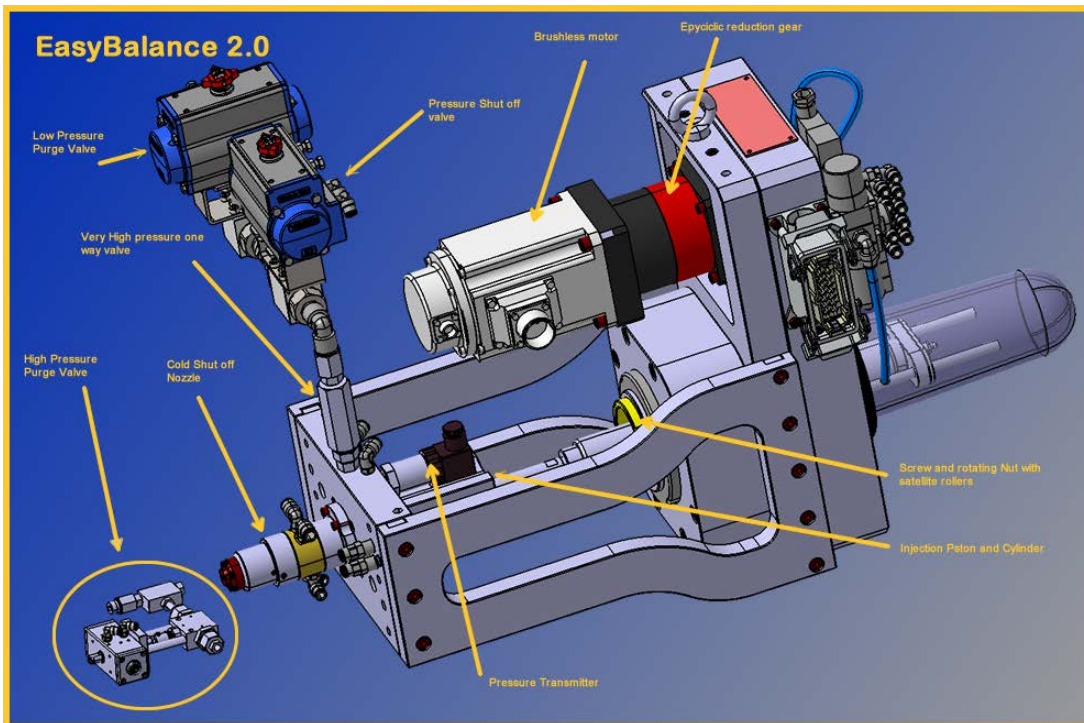


EasyBalance 2.0

LSR Injection Molding System



DESCRIPTION

EASYBALANCE IS A COLD OR HOT DISTRIBUTION AND INJECTION SYSTEM FOR DIFFERENT TYPES OF MATERIALS, ABLE TO BE INSTALLED IN A MOLD OR AN INJECTION MACHINE. EACH INJECTION LINE WITH ITS OWN CYLINDER (DOSING TANK) IS ABLE TO DOSE IN VOLUMETRIC MODE AND TRANSFER INTO THE CAVITY THE AMOUNT OF MATERIAL EXACTLY REQUIRED IN THE PRODUCTION OF THE PART.

EASYBALANCE 2.0 INJECTION SYSTEM IS COMPOSED BY:

- EASYBALANCE 2.0 INJECTION LINE;
- CONTROL PANEL (EQUIPPED WITH START AND EMERGENCY STOP CONTROLS, GENERAL SWITCH AND TOUCHSCREEN PANEL).

MAIN FEATURES.

THE INJECTION CYLINDER IS CONNECTED TO A LOW PRESSURE FEEDER AND A COLORING FEEDER. IN THIS WAY, BY COMBINING MORE LINES ON THE SAME MOLD / MACHINE, EVERY SINGLE CAVITY-PIECE COULD HAVE A DIFFERENT COLOR FROM THE OTHERS.

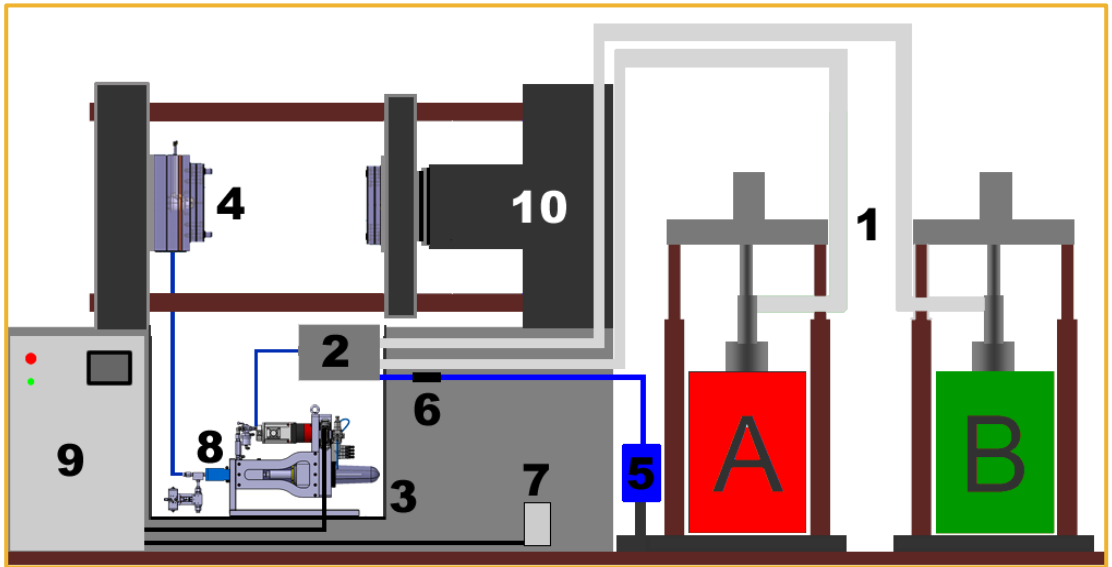
THE SYSTEM IS OPERATED BY A BRUSHLESS SERVO MOTOR WITH A SATELLITE ROLLER SCREW AND CONTROLLED BY ITS OWN CONTROL CABINET WITH TOUCHSCREEN KEYBOARD. THE CONTROL CABINET COULD ALSO BE INTEGRATED INTO THE METERING AND MIXING DEVICE WITH FOLLOWER PLATES FOR LSR EASYMIX LSR.

THE CONTROL ALLOWS TO SET ALL THE NECESSARY PARAMETERS FOR CORRECT MOLDING, INCLUDING: INJECTION AND DOSING PRESSURE, VALVE GATES OPENING AND CLOSING DISTANCES AND TIMES, COOLING TIME, INJECTION AND DOSING SPEED

INSTALLATION:

THE EASYBALANCE 2.0 INJECTION LINE IS DESIGNED TO BE CONTROLLED THROUGH A SPECIAL CONTROL PANEL WHICH, HAS TO BE INTERFACED, BOTH TO A MACHINE OR PARTLY COMPLETE MACHINE THROUGH A EUROMAP 67 INTERFACE AND TO A METERING AND MIXING DEVICE FOR LSR. THE EASYBALANCE 2.0 INJECTION LINE MUST ALSO BE INSTALLED ON A SPECIAL PEDESTAL (OPTIONAL), OR DIRECTLY TO THE CARPENTRY OF THE MACHINE OR ALMOST MACHINE AND CONNECTED TO THE HOT MOLD THROUGH A FLEXIBLE PIPE.

A STANDARD INSTALLATION INCLUDES:



POS	DESCRIPTION
1	Metering and mixing device with follower plates to meter and mix A and B LSR components
2	Static mixer
3	EasyBalance 2.0 injection line
4	Hot mold
5	Color feeding line
6	Volumetric color feeder
7	Euromap 67 on the machine or partly completed machine (EasyBalance 2.0 is interfaced to the injection molding machine or to the partly completed machine trough a Euromap 67 interface)
8	Cold valve gate installed directly on the EasyBalance 2.0 line
9	EasyBalance 2.0 control box.
10	Machine or partly completed machine equipped with a Euromap 67 interface

