COMPUTERIZED SYSTEM FOR GRAVIMETRIC RESIN PREPARATION

WINGRAV9

PREPARATION OF RESIN MIXTURES FOR IMPREGNATION LINES

The WINGRAV9 gravimetric system designed for the preparation of resin mixtures for impregnation lines may be configured to suit a wide range of applications and requirements. The pre-programmed software may in fact be adapted to accommodate a large number of components, additives and utilities.

MAIN FEATURES

• Each tank has its own load/discharge valves and is fastened to a load cell • System consists of several preliminary mixing vessels to avoid any direct contact between incompatible components before the final preparation • The system has been designed to feed one or more impregnation lines • Software easily modified to suit any future expansion of the system • PC programmable recipes • Incorporated database to store the recipes • Consumption report • Alarm database • User-friendly interface • Suitable for paper impregnation lines.

ADVANTAGES

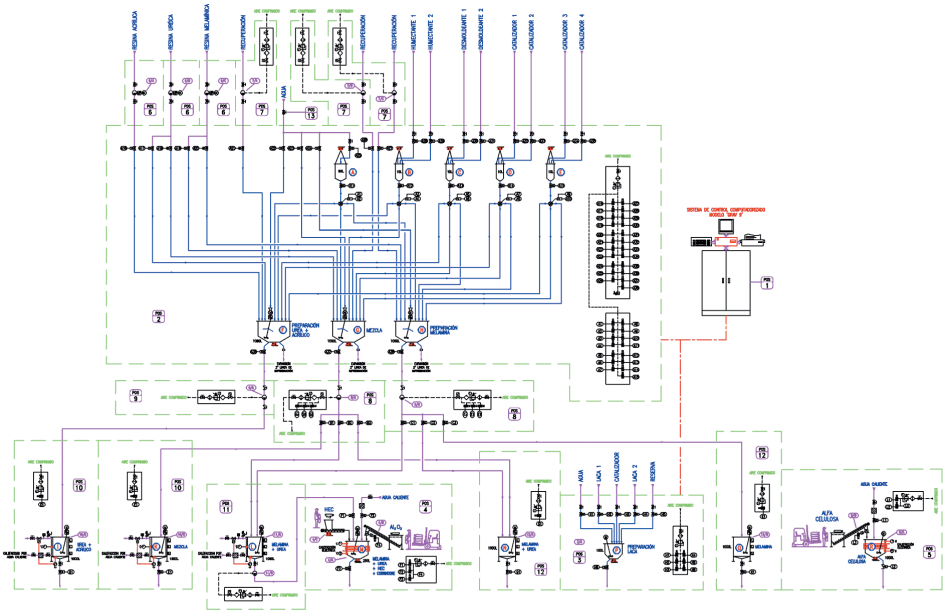
• Excellent precision achieved with different vessels of varying capacity, in relation to the component dosed • Less time needed to prepare the resin mixture because several components may be dosed simultaneously • Easily dismantled for cleaning and maintenance purposes • The exact amount of each component is ensured by the regular calculation of the tare • Discharge times optimized because there are no set waiting times.

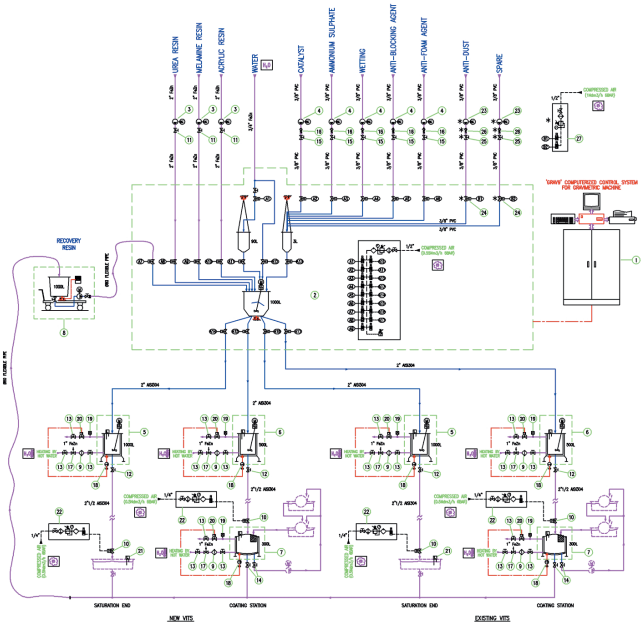
BEST IN CLASS FOR:

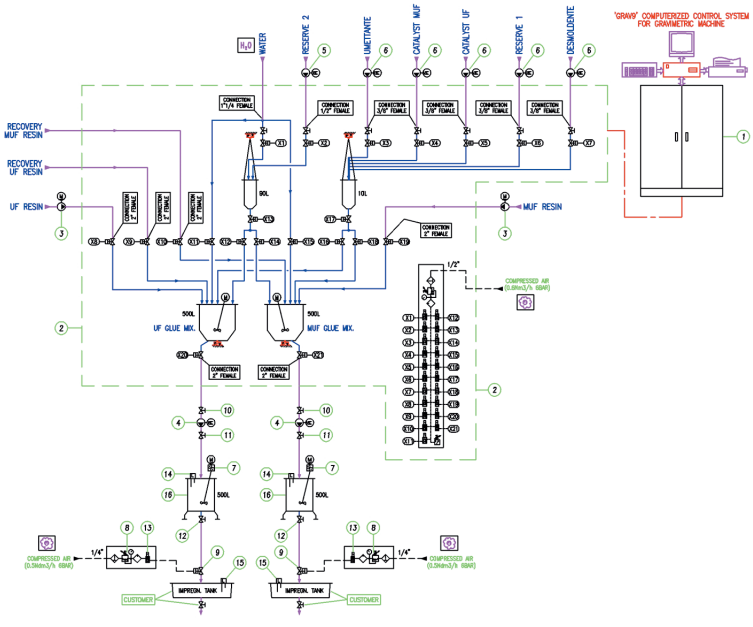
WOOD BASED PANELS:
MDF/HDF
PB/SPB
OSB/LSB/FOSB
INSULATION BOARDS
PLYWOOD

PRESSED WOOD PACKAGING:
PALLET BLOCKS
PRESSED PALLETS
STRINGERS & BEAMS

IMALPALGROUP
IMAL Srl - Via R. Carriera, 63 - 41126 San Damaso (MO) - Italy
Ph: +39 059 465500 - Fax: +39 059 468410 - info@imal.com




UREA RESIN
MELAMINE RESIN
ACRYLIC RESIN
WATER
CATALYST
AMMONIUM SULPHATE
WETTING
ANTI-BLOCKING AGENT
ANTI-FOAM AGENT
ANTI-DUST
SPARE
RECOVERY RESIN
'GRAVI' COMPUTERIZED CONTROL SYSTEM FOR GRAVIMETRIC MACHINE
SATURATION END
COATING STATION
NEW VITS
EXISTING VITS


H2O WATER
RESERVE 2
UMETTANTE
CATALYST MUF
CATALYST UF
RESERVE 1
DESMOLDENTE
'GRAVI' COMPUTERIZED CONTROL SYSTEM FOR GRAVIMETRIC MACHINE
RECOVERY MUF RESIN
RECOVERY UF RESIN
UF RESIN
MUF RESIN
UF GLUE MIX.
MUF GLUE MIX.
COMPRESSED AIR
IMPREGN. TANK
CUSTOMER