Ryng

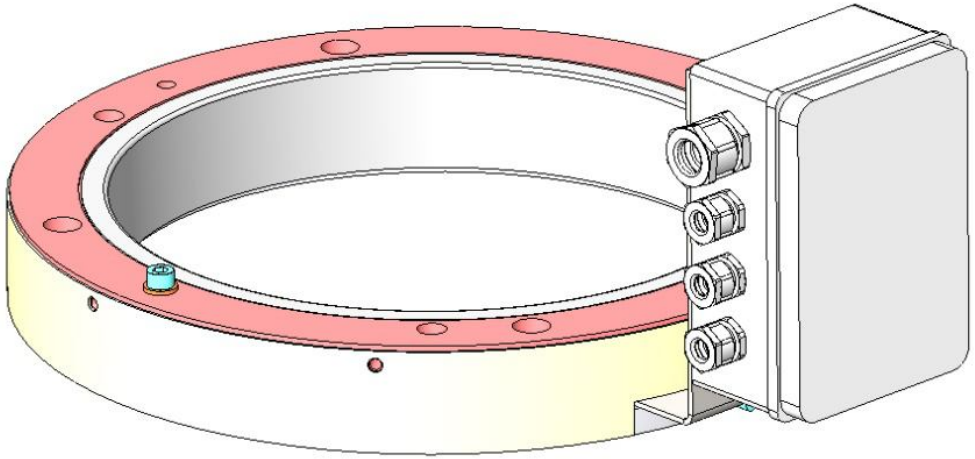
DESIGN CRITERIA

- WEIGHING OF THE CHARGE OF MATERIAL FOR EACH LOADING CYCLE OF A VACUUM RECEIVER
- OBTAIN THE QUANTITY OF MATERIAL BEING PROCESSED
- GENERATE INFORMATION FOR THE MONITORING OF PRODUCTION LOTS
- TO BE SUFFICIENTLY COMPACT FOR INSTALLATION BETWEEN VACUUM RECEIVER AND VESSEL UNDERNEATH.
- TO INTERFACE WITH WinFactory
- FOR INSTALLATION WITH PIOVAN AND NON-PIOVAN RECEIVERS

DATA CLASSIFICATION: CONFIDENTIAL

THE DEVICE

- ONE WEIGHING RING TO BE INSTALLED AT THE BASE OF THE RECEIVER
- ONE CONNECTION BOX FOR THE EXCHANGE OF SIGNALS TO THE RECEIVER (ON, OFF, STATR LOADING)
- ONE JUNCTION BOX FOR THE SERIAL CONNECTION
- ONE CENTRAL HMI
- ONE INDIVIDUAL LOCAL CONTROL PANEL (OPTION)



DATA CLASSIFICATION: CONFIDENTIAL

APPLICABILITY

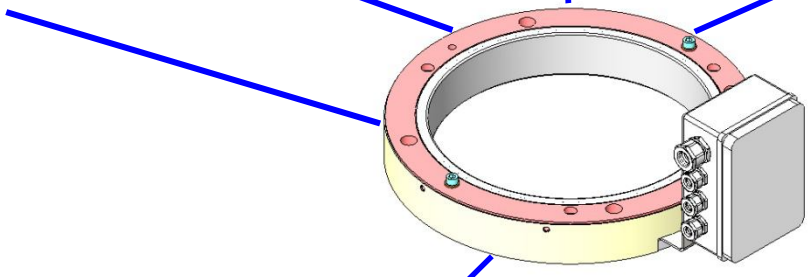
EASY1

EASY2

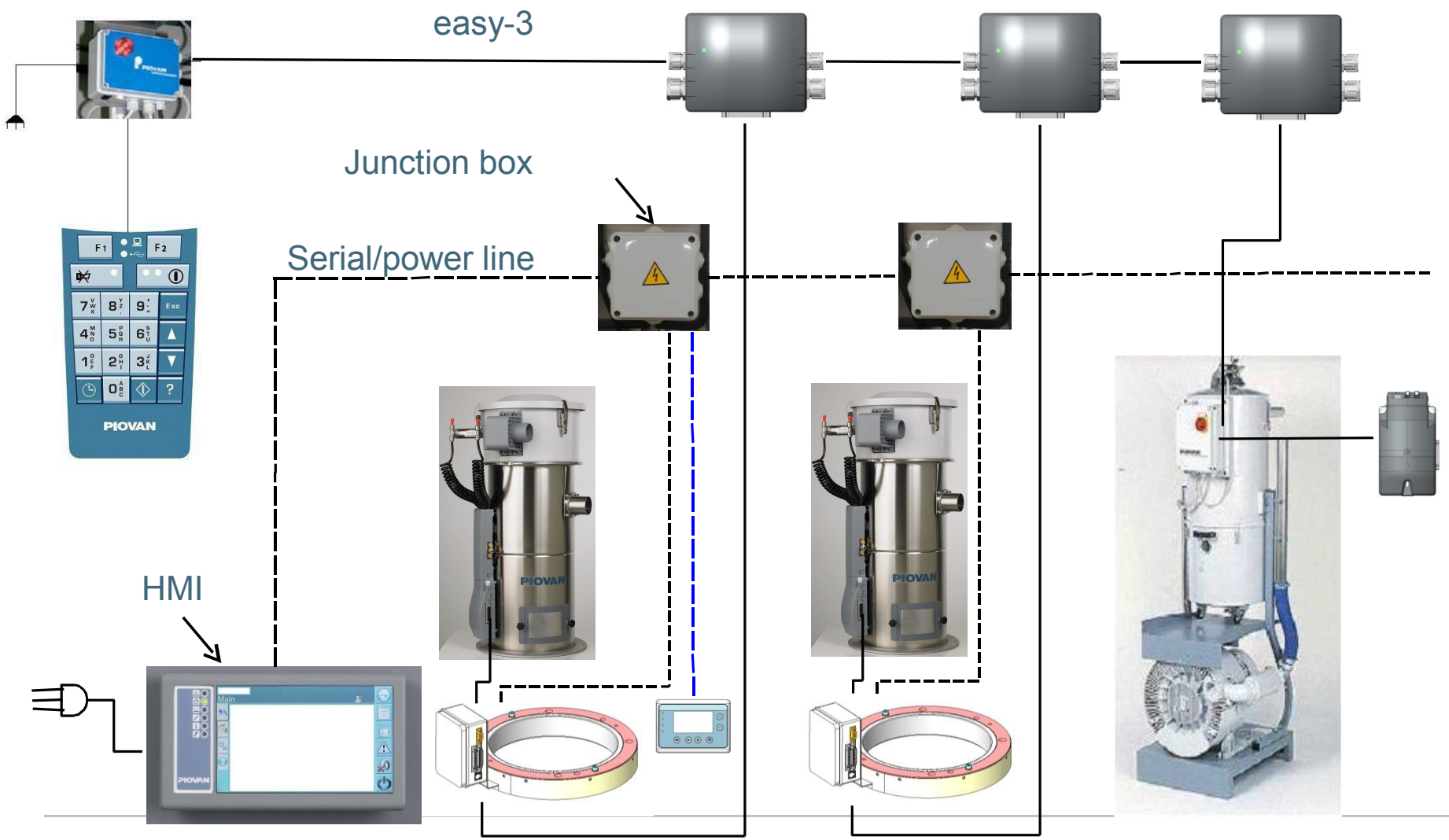
EASY3

non-PIOVAN RECEIVER

non-PIOVAN RECEIVER



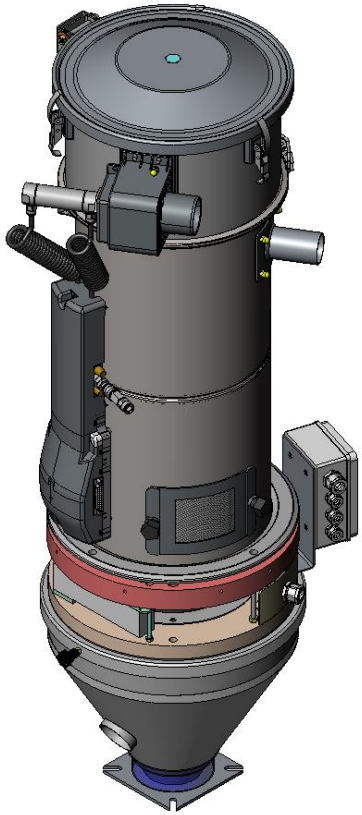
INSTALLATION

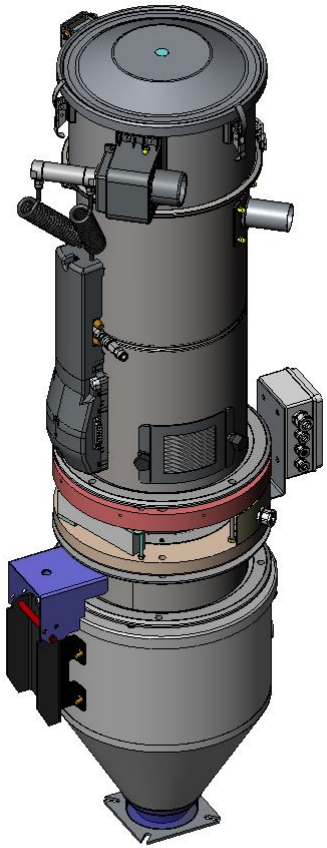


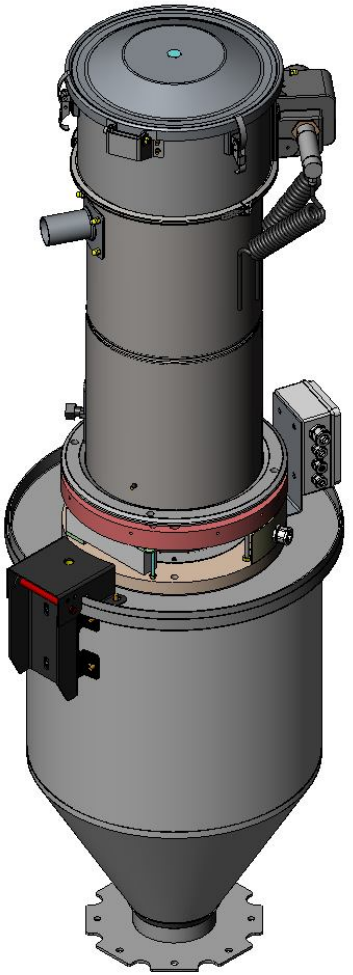
RANGE

model	receiver	flange	(load on Ryng - kg)
R3	C2-C3	185	20
R20	C5-C10-C15-C20	280	45
R75	C30-C50-C75	280	120
R200	C100-C140-C200	450	300

MOUNTING EXAMPLES



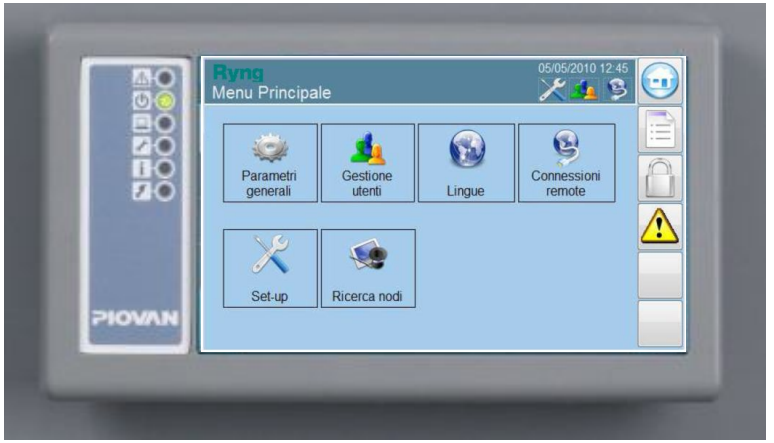




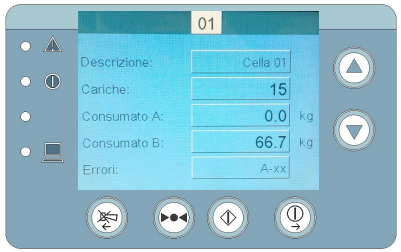
POSSIBLE NEED FOR SPACERS OR ADJUST FLANGES FOR NON STANDARD RECEIVERS OR BINS

DATA CLASSIFICATION: CONFIDENTIAL

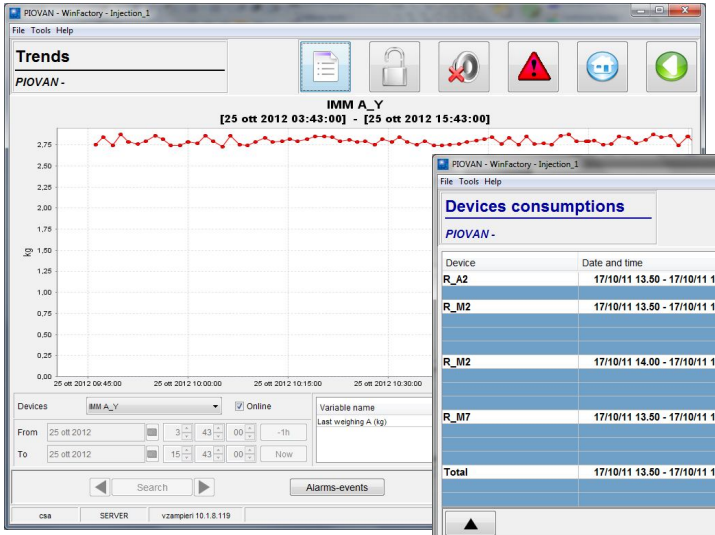
CONTROL PANEL

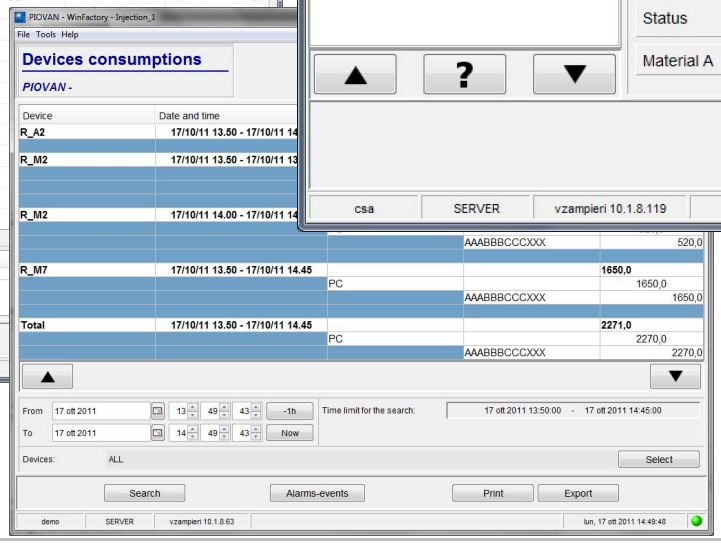


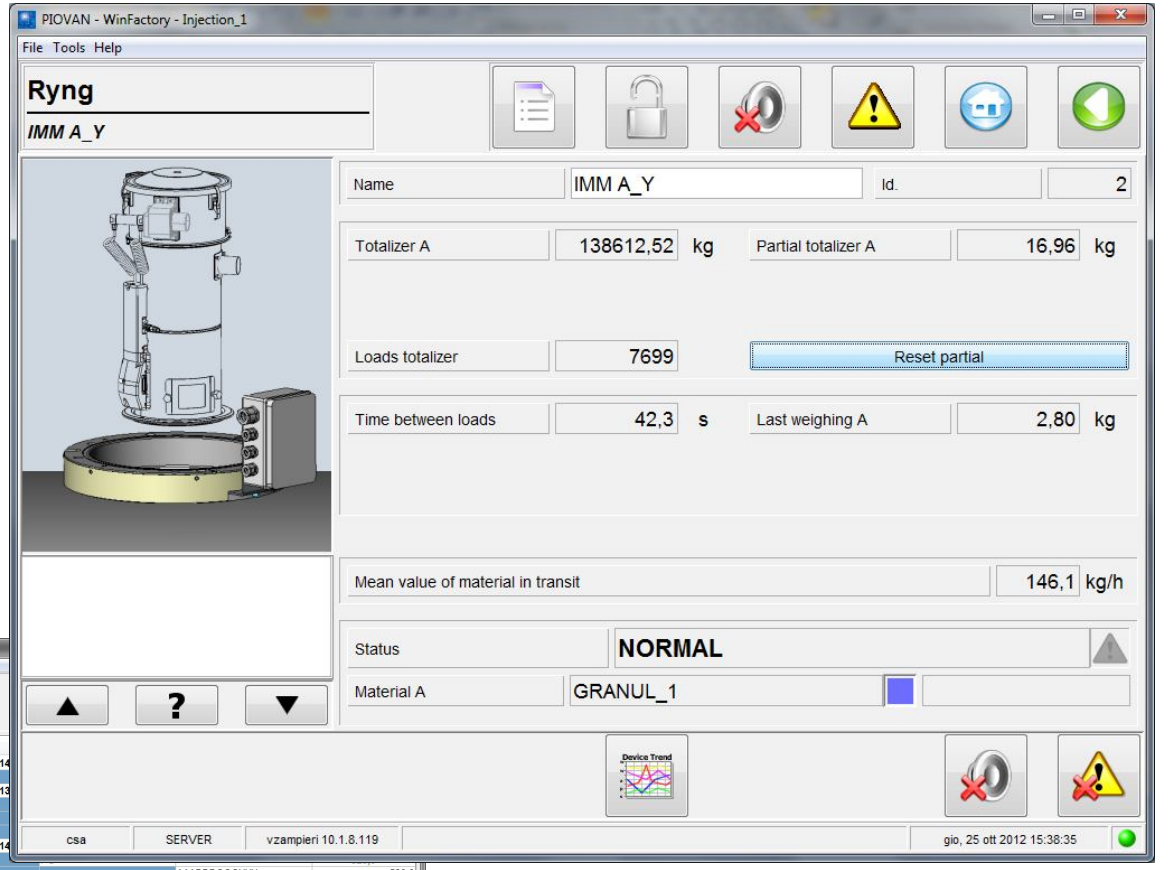
- TOUCH SCREEN HMI
- DISPLAY OF MATERIAL CONSUMPTION PER RECEIVER
- QUANTITY OF LOADING CYCLES
- CURRENT AND PREVIOUS LOT OF PRODUCTION
- SEPARTE VIRGIN AND REGRIND LOADING MONITOR (with VP)
- LOCAL INTERFACE KEYBOARD



- Material consumption totalizers
- Weight of each loading cycle
- Time between loadings
- Average material consumption (kg/h)
- Loadings counter
- Material/lot in progress
- Drying monitor







Benefits:

- Monitor of the material consumption in real time
- Control of the production batches
- Statistics of the production volumes
- Applicable with any loader device
- Remote control via WinFactory connection

DATA CLASSIFICATION: CONFIDENTIAL

THANK YOU