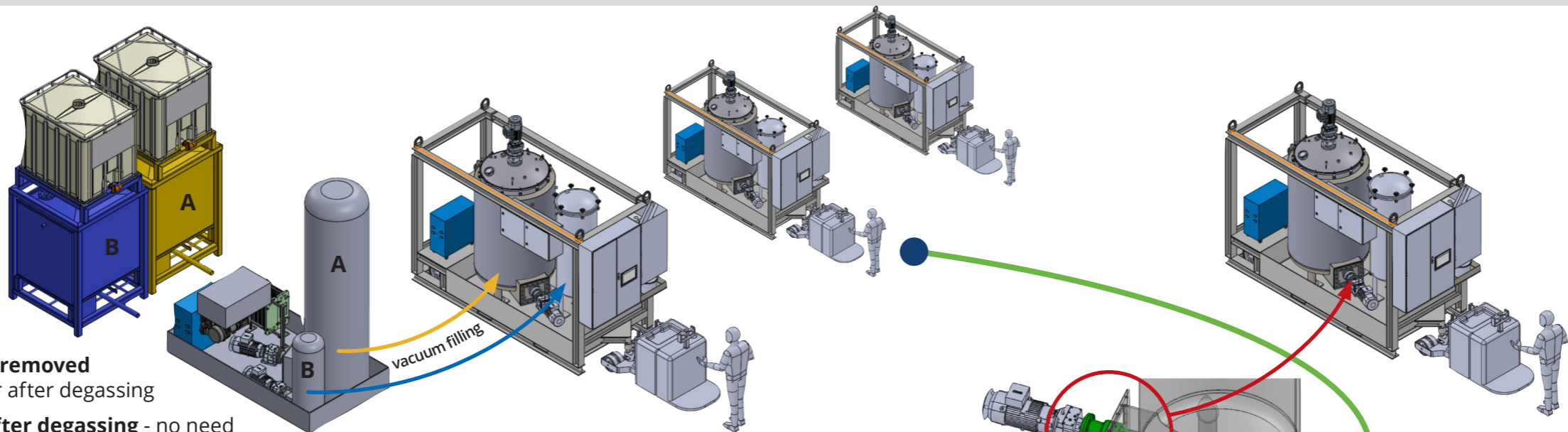


ADVANTAGES OF TARTLER'S VACUUM DEGASSING

- All the air and moisture is removed from the resin and hardener after degassing
- Direct filling of machine after degassing - no need to store the degassed resin in separate IBCs
- Transfer material under vacuum from degassing unit to meter mix machine
- Excellent degassing quality with **18 kg/min capacity**

→ **Maximum material quality**
because after degassing it is never exposed to the atmosphere again!

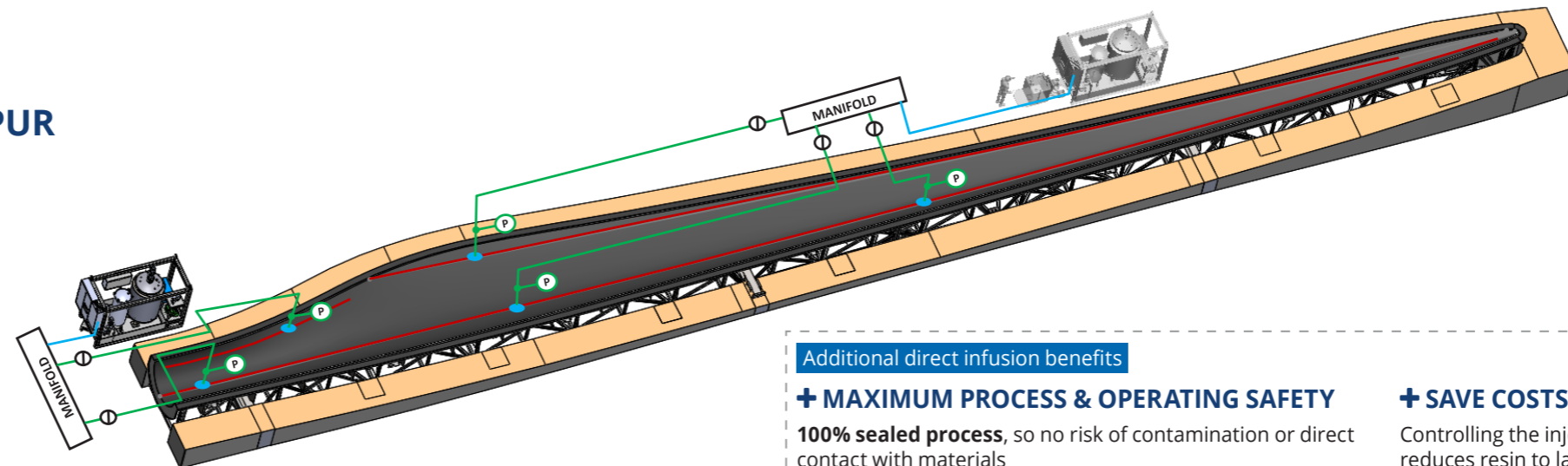


NODOPUR VS AR VF INFUSION

- **Pump is inside the tank** to guarantee no air can enter material
- Material always kept under **maximum vacuum in material tanks A and B**
- Material is under **vacuum when machine is dispensing** material
- **Maximum flexibility** without any fixed installations
- Tank size A and B according to customer
- Typically 20 kg/min maximum flow rate per machine - flow rate infinitely variable down to minimum 1.3 kg/min

PRACTICAL EXAMPLE: DIRECT INFUSION WITH NODOPUR

- **Direct pressure controlled** resin injection into blade
- Enables use of **faster hardeners** without risk of bulk exothermic reaction in material container - **reduces cure time**
- Enables control of resin to laminate weight ratio - **optimise blade weight and use of materials**
- **Increase SAFETY & reduce waste** - No more left over resin in buckets and spills
- **Semi Automatic process control** - Reduce risk and variation in infused volume



Additional direct infusion benefits

+ MAXIMUM PROCESS & OPERATING SAFETY

100% sealed process, so no risk of contamination or direct contact with materials

Direct pressure controlled resin injection into blade eliminates effect of varying mould height with pre-bent blades and pressure loss in infusion hoses

Reduce cure time with **use of faster hardeners without risk of bulk exothermic reaction** in material container as material is mixed at point of use

+ SAVE COSTS

Controlling the injection pressure during the infusion reduces resin to laminate weight ratio that enables **lower blade weight and less use of materials**

Reduce waste resin left over after infusion as use of mixed resin containers are eliminated

Semi-Automatic process enables injected material quantity to be controlled and reduces variation between each infusion