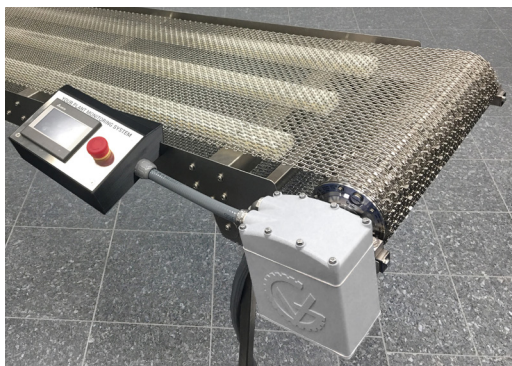
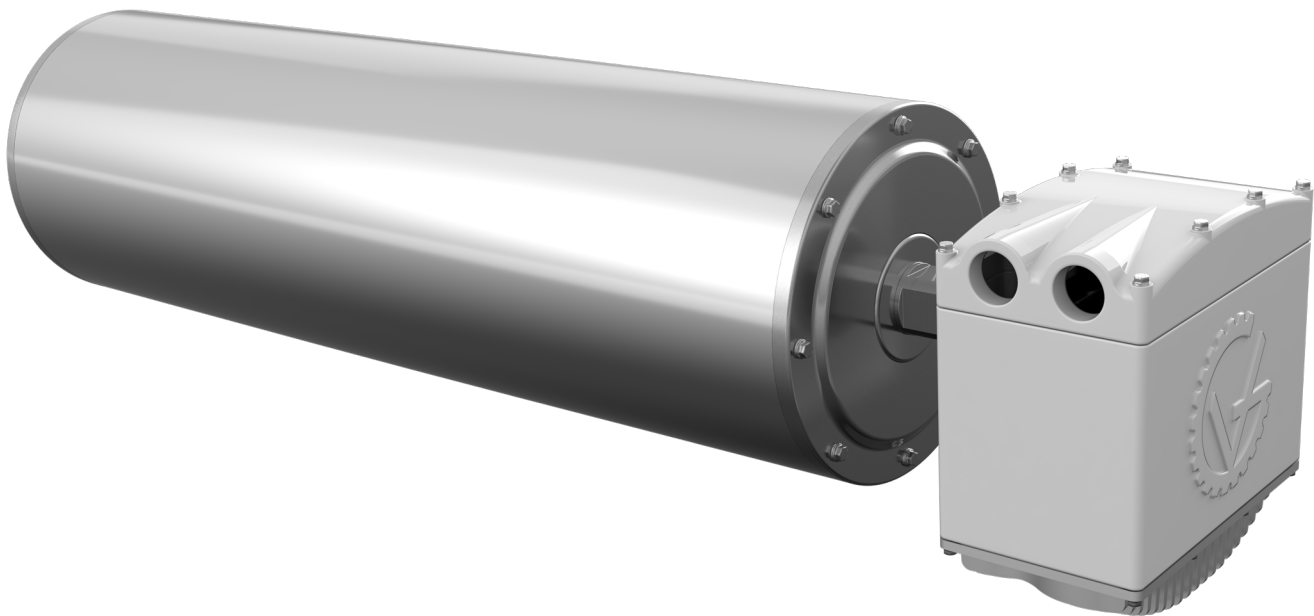


The **IntelliDrive™** design drum motor incorporates permanent magnet motor technology and an integrated VFD into the motor junction box or **i-Controller**. The IntelliDrive™ rotor is magnetically self-induced by the use of permanent magnets installed on the rotor body, significantly increasing motor efficiency. Test results of the IntelliDrive™ shows electrical savings of up to 72% without loss of torque or belt-pull compared to a conventional motor/gearbox conveyor drive. In addition to a higher motor efficiency, the IntelliDrive™ increases operator safety and eliminates scheduled maintenance.

The IntelliDrive™ simplifies the selection of belt speed without loss of torque or belt-pull, substantially increasing the efficiency and the life of the electric motor, further minimizing downtime and decreasing overall operating costs.

The **i-Controller** is EtherNet and MODBUS ready, and enables communication with other plant equipment. It can provide conveyor drive data feedback and control belt speed either remotely or directly at the drum motor.



- > **Up to 72% electrical savings**
- > **EtherNet and MODBUS ready**
- > **Conveyor drive data feedback**
- > **IP69K rated enclosure**
- > **No external moving drive components**
- > **Output frequency: 0 - 599Hz**