• Turns mechanical energy into electrical energy
• There is no energy waste; all energy is restored to the network
• Electrical energy is not dissipated in heat
• Low energetic cost
• Peripheral functions are not always on, only when needed, for example:
  o The chip conveyor allows different work cycles
  o The filter unit pump has a speed variation
• Operator can optimize the cycles to consume only the amount of energy necessary
• Optimization of electrical cabinet’s design to reduce AC costs