Whether trickling and roll dipping – the impregnation of windings on stators or rotors with liquid, curable reactive resins such as epoxy or polyester requires professional production processes.

Our long experience as a manufacturer of impregnation and dispensing machines guarantees you the highest process stability and quality. Our cost and time saving impregnation technology which is suitable for all types of resin will increase the productivity and ensures a market oriented solution for your processes.
B8450 with manual or automatic part loading for small to medium production volumes

**APPLICATION**
- Automotive industry: hybrid and electric motors, starter, alternator
- Components up to Ø 450 mm
- Component length up to 380 mm
- Trickling or roll dipping
- Induction heating without contact

**CHARACTERISTICS**
- 1C and 2C material dispensing system
- Processability from 1 to 3 objects at the same time
- Continue parts rotation during process
- Preheating and curing in a single unit
- Storable dispensing programs
- Process monitoring
- Axis positioning system for precise dipping and trickling

B8300 with semi or fully automatic part loading for high production volumes

**APPLICATION**
- Automotive industry: hybrid and electric motors, starter, alternator
- Components up to Ø 265 mm
- Component length up to 355 mm
- Trickling or roll dipping
- Hot air heating method

**CHARACTERISTICS**
- 1C and 2C material dispensing system
- One-sided gripper with flexible part carriers
- Preheating, impregnation, gelling, curing and cooling
- Continue parts rotation during every gel/cure process
- Storable dispensing programs
- Process monitoring
- Strong construction
- Suitable to be interfaced with robots or Cartesian axis

B8600 with manual part loading for individual and small production volumes

**APPLICATION**
- Automotive industry: hybrid and electric motors, starter, alternator
- Components up to Ø 370 mm
- Component length up to 450 mm
- Trickling or roll dipping
- Hot air or Infrared heating method

**CHARACTERISTICS**
- 1C and 2C material dispensing system
- Continue parts rotation during process
- One-sided gripper
- Preheating and curing in a single unit
- Modular construction

B8700 with manual or automatic part loading for medium to high production volumes

**APPLICATION**
- Automotive industry: hybrid and electric motors, starter, alternator
- Components up to Ø 490 mm
- Component length up to 1000 mm (or smaller multiple parts)
- Trickling or roll dipping
- Hot air heating method
- High part variation

**CHARACTERISTICS**
- 1C and 2C material dispensing system
- Suspension arrangement (trolley)
- Parts inclination possible during trickling
- Continue parts rotation during process
- Preheating, gelling, curing and cooling
- Storable dispensing programs
- Process monitoring
- Full Modular construction
Service hotline (German/English/French)
Response service MO - FR
Spare parts service
Service and maintenance

Process and component optimization in internal development areas
Trials and development in well equipped technical center

Trainings for machine user, machine setter and maintenance personnel
Workshops for machine user, machine setter and maintenance personnel

bdtronic GmbH
Ahornweg 4
97990 Weikersheim
Germany

T +49 7934 104 - 0
F +49 7934 104 - 371
sales@bdtronic.com
www.bdtronic.com

Errors and changes reserved, as of June 2017