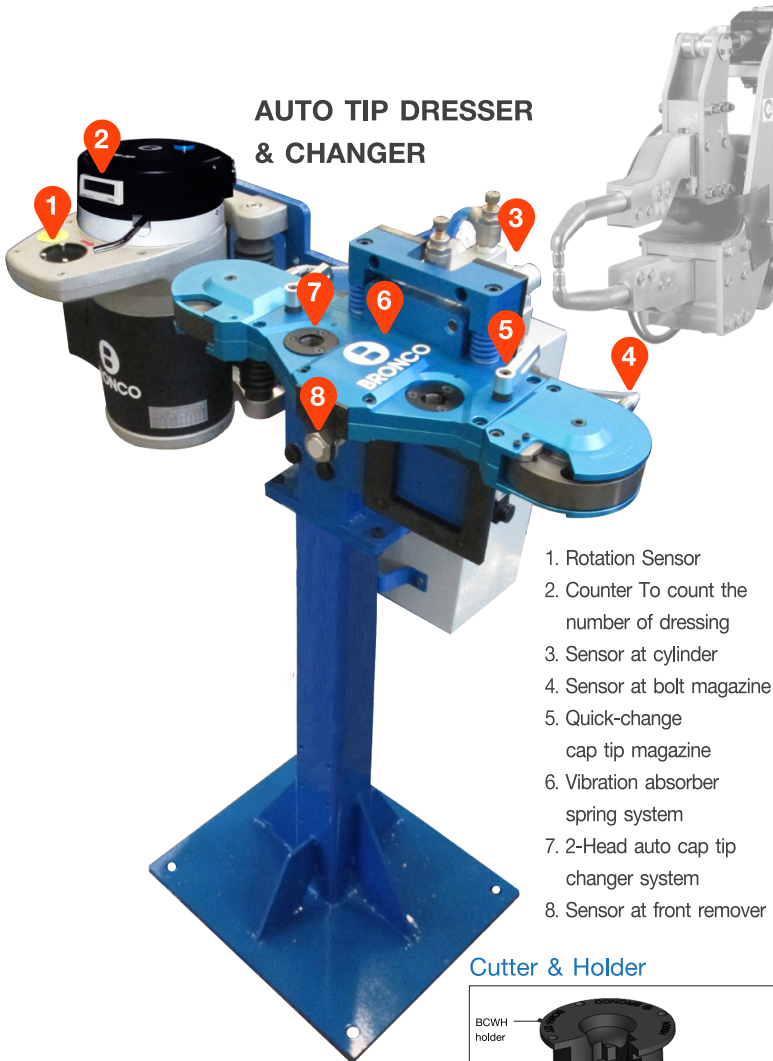


Robotic Tip Dresser & Tip Changer

(For Spot Welding & MIG Welding)

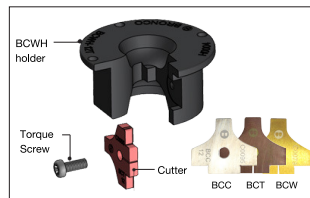


AUTO TIP DRESSER & CHANGER



1. Rotation Sensor
2. Counter To count the number of dressing
3. Sensor at cylinder
4. Sensor at bolt magazine
5. Quick-change cap tip magazine
6. Vibration absorber spring system
7. 2-Head auto cap tip changer system
8. Sensor at front remover

Cutter & Holder

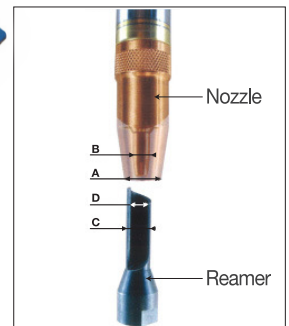


NOZZLE CLEANER & WIRE CUTTING

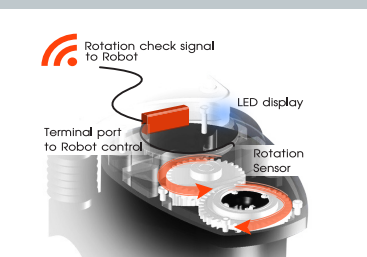


1. Welding wire cutter system
2. Nozzle clamp system
3. Zero position confirmation
4. Manual Anti-spatter spray system
5. Anti-spatter spray system
6. Chip Collector

Nozzle and Reamer



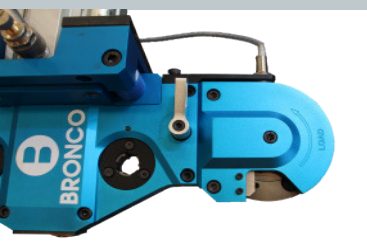
Function



Rotation Sensor



Counter
To count the number of dresser



Quick-change cap tip magazine

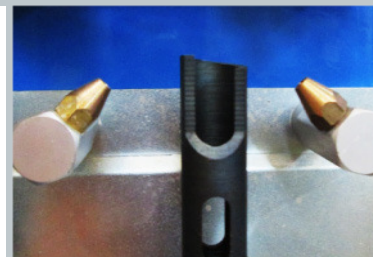


2-Head auto cap tip changer system

Function



Nozzle clamp system &
Welding wire cutter system



Anti-spatter spray system



Manual Anti-spatter spray system



Zero position confirmation