

Model	HSD-50C
Dia. of rivet head . (mm)	Φ5-Φ10
Dia. of rivet shank (mm)	Φ2.5-Φ5
Shear intensity (mpa)	>=120
Rivet output(pcs/min)	0-100
Motor Power(KW)	3.7
Machine dimension(m)	1.6*0.95*1.52
Net weight(kg)	1100kg

Features:

*Safety and environmental protection:

- 1.The whole machine adopts a fully closed cover, reducing noise, improving the safety performance of the equipment, convenient debugging and maintenance.
- 2.It can effectively prevent the leakage of lubricating oil and ensure the cleanliness of the workshop.



*Computer screen control

1. Upload production data to the MES .
- 2.The control panel adopts touch LCD screen, display equipment parameter Settings, order information, alarm information, etc.
- 3.There are two modes of equipment operation, respectively, the adjustment mode and the operation mode.
- 4.Fault information: main motor failure, oil pump failure, wire shortage, forming pressure abnormal, mold repair alarm, etc. Mold repair reminder: Set the amount according to actual requirements, when output amount reach the set quantity ,on the alarm page there will show reminder information.



*Electrical automation detection

1. Shortage material detection: add a ring photoelectric switch in the part of the incoming line, when the sensor does not sense the feeding wire, the device automatically stops, and alarms.
2. Forming pressure detection: The sensor is installed at the cold heading (accuracy can reach $1\mu\text{m}$, inlet), which can detect machine anomalies such as silver drop and overload.
3. Nonconforming product separation: When the wire material is short or the forming pressure is abnormal, the cylinder will work automatically and the product will enter the waste box through the baffle. When the fault is solved, the cylinder is reset.

