

Since 2002 **AXESS** is a marketing company involved in sales and service of plastic joining products like ultrasonic plastic welding, spin welding, tube sealing machines etc.

**AXESS** is a team of technically experienced, aggressive, enthusiastic and ambitious peoples, who focused on success and have techno commercial tie-up with world well known company PI Shan Automatic Co. Ltd., TAIWAN as well as their authorized agent of for marketing their products in India since 2002. .

Axess has developed and manufacturing same quality machines in India with **AXESS** brand name by the help of Bensonic & being experienced in ultrasonic technology from a long time span of about 18 years. All components for Indian make machine sources from the similar supplier from Taiwan and Germany, Some Key components still supplied by **BENSONIC**.



with extra big table (optional)

## ORIENTATING SPIN WELDING MACHINE

These machines are suitable for auto & motorcycle filters, RO water purifier filter, water jug and Round Workpieces.

Spin welding is a process that joins circular thermoplastic parts by bringing the part interfaces together, under pressure, with a circular, spinning motion. One part is held stationary in a fixture, while the other is rotated against it under pressure. The frictional heat that is generated causes the part interfaces to melt and fuse together, creating a strong, hermetic seal. Application Material: HDPE, PP, PE, PVC, ABS, PET and nylon Material and ect. 8. Application Scopes: Widely used in the Electronic

- \* Accurate positioning
- \* Provide high-torque movement device with motor 1-50 ma

### Technical Specification of AOS-150

Dimension L x W x H	440mm x 690mm x 1500mm
Weight	120 Kg (Approx)
Input Voltage & Power	220V, 1 Phase/1.5 KW
Motor/Drive/RPM	1.5 KW, 3000RPM (OMRON)
HMI	4.3"
Welding Mode	Time/Rotation/Depth
Air pressure req.	up to 6 Kg/cm square
Productivity	8-15 operation/ minute
Auto/Manual	Both operation
Operation Mode	Timer/RPM/Depth

- \* PLC programmed control systems and human-computer interface for adjusting welding parameters.
- \* Weld the round work-pieces which need positioning.
- \* Four-columned frame structure with high-precision straight bearing and movement from top to bottom completely eliminate the couple & backwards.

