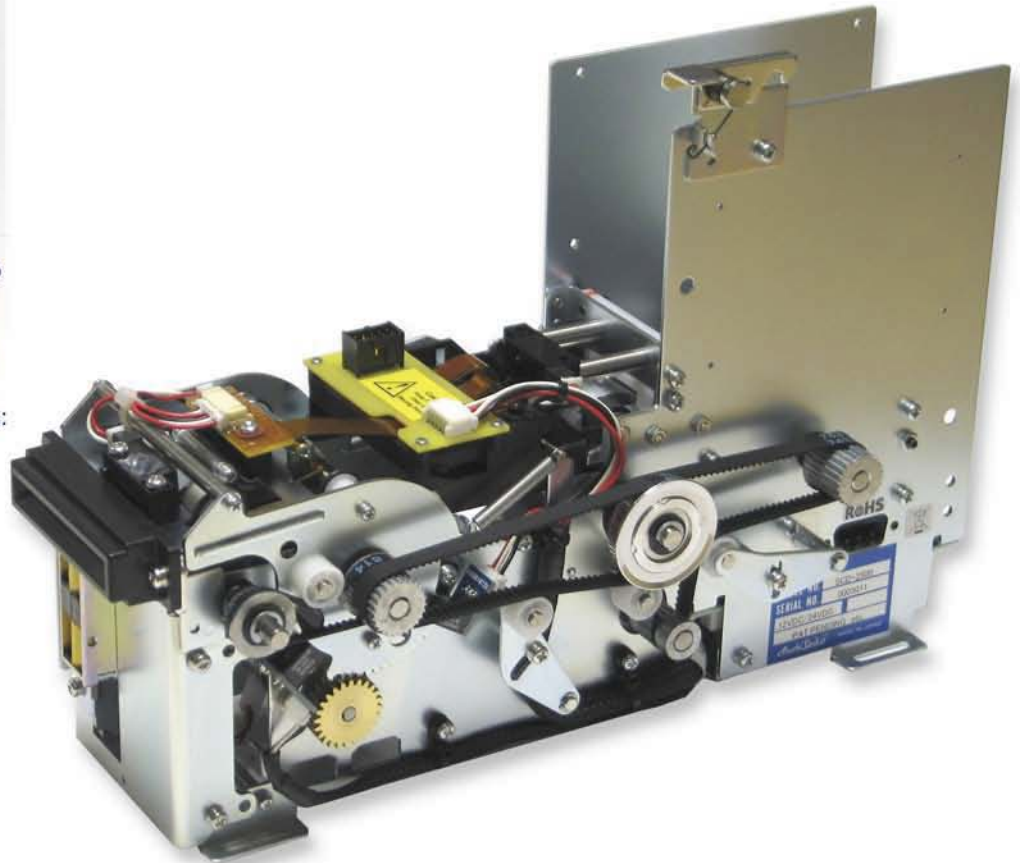The SCD-2500 is the latest product to be developed in the SCD range and supersedes the SCD-2000 and SCD-1000 units. It incorporates all of the features of the previous versions with the addition of some new options:

- New short antenna for Mifare operation with customers own interface
- New ACG Mifare module
- New ACG Legic module
- The unit still offers in its baseline form connection to a standard ISO-7816 IC card

**Specifically designed for simple integration into a host machine, this product forms the total card handling solution for any system where cards are processed.**

### General Functionality

- Vend and encode contact or contactless IC cards
- Accept contact or contactless IC cards for re-loading
- Automatically capture and retain stolen/fraudulent or refunded cards
- Recover and capture cards accidentally left in the entry slot
- Lock-out cards and maintain configuration during power interruptions

### Technical Specifications

- **Host Control Interface:**
  Serial (RS-232) / Parallel
- **Supply Voltage Options:**
  24V DC $\pm$ 15%
- **Current Consumption:**
  Operational:
  *250mA (average) 2.0A (peak)*
  Stand-by:
  *100mA (average) 600mA (peak)*
- **Size:**
  200mm(H) x 280mm(D) x 105mm(W)
- **Contactless IC Card Interface:**
  Serial (RS-232) or Direct (Antenna only version)

- **Contactless IC Card Connector Specification:**
  Landing Type. Suits cards having contacts in accordance with ISO 7816.
- **Applicable Contactless IC Card:**
  For ACG Mifare/Legic or antenna only versions of the SCD-2500, the following card type is suitable. ISO/IEC 14443 part 1-4, identification cards (contact-less IC cards - Proximity type)
- **Environment:**
  Temperature: *-10°C to + 40°C*
  Humidity: *30% to 90%* (non-condensing)
- **Stored Card Capacity:**
  Up to 445 cards (0.8mm thick)