

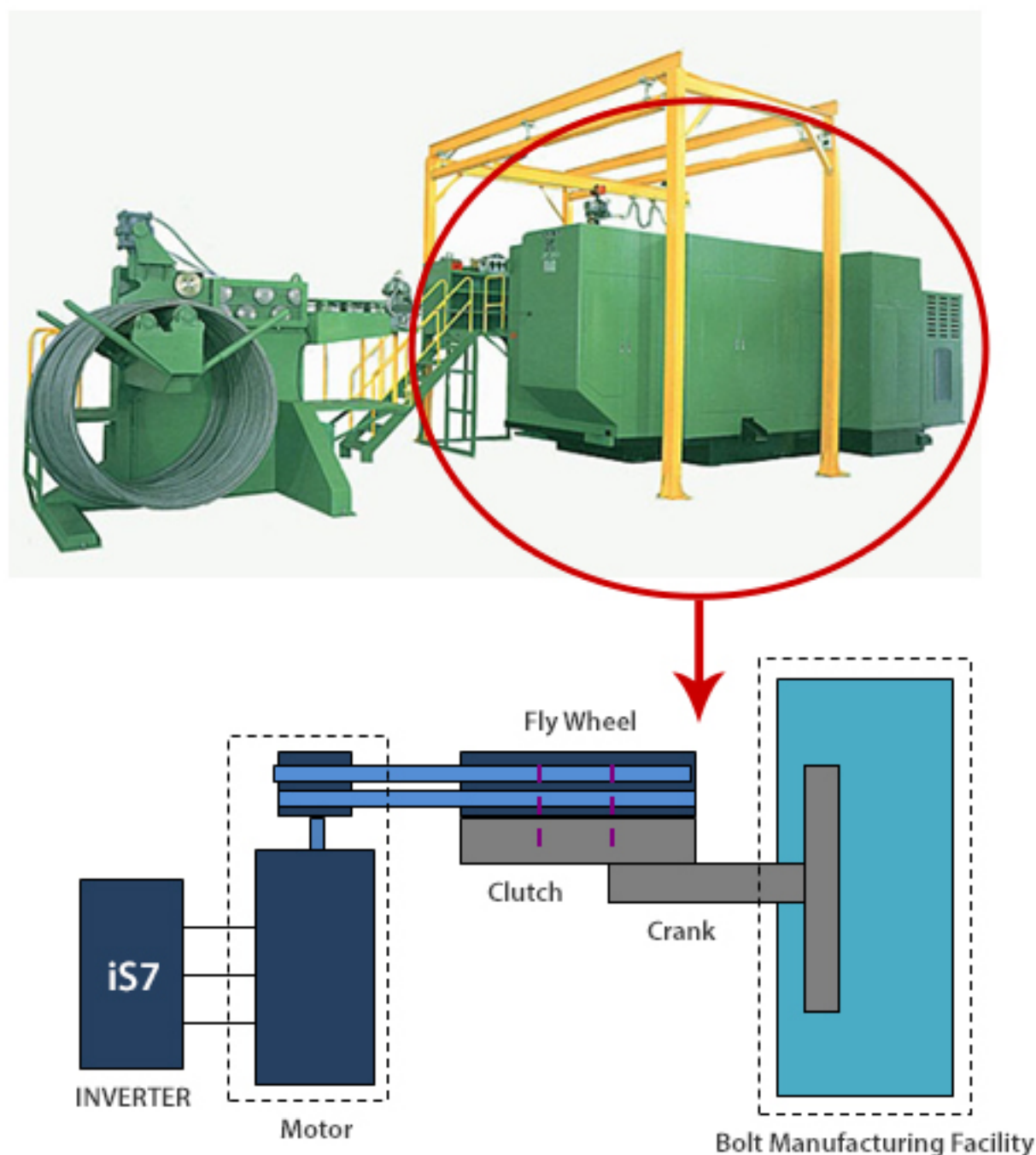
## Application

# BOLT FORMER

## 1. What is Bolt Former?

The Facility that makes (head part of) bolts after cutting the steel wire with certain length.

## 2. Composition of system



## 3. Motion principle

The Bolts are manufactured by the rotational motion of fly wheel and linear motion of crank which is connected with fly wheel. the fly wheel driven by motor controlled with inverter.

- 1) Inching operation: The work to feed the origin material to the bolt former. Big load is applied by clutch.
- 2) Main speed operation: Make bolts by pressing work, Manufacture half finished bolts before making tabs.

## 4. Applied product

SV- iS7

## 5. Required performance

- 1) Overload tolerance must be guaranteed to endure shocking at the moment that clutch is connected.
- 2) Speed control should be performed with quick speed responsibility without dropping speed under the working.
- 3) Any trips should not be happened.