

WILLWIN



An ISO 9001, ISO 14001 & OHSAS 18001 Certified Firm

Head Office:

BR-25A, Ground Floor,
Shalimar Bagh, Delhi - 110 088, India

Distribution Centre / Factory :

377 & 362, E.P.I.P., HSIIDC Kundli, Dist. Sonapat,
Haryana - 131 028, India phone: +91-11-475 66 333
mail : sales@willwin.com Web: www.willwin.com

WILLWIN

ROBOTS

A SOLUTION FOR

QUALITY CONSISTENCY

AND

COST REDUCTION

Robots helps in:

- Pick and place
- Reducing cycle time
- Increasing production

Robots can also:

- Do online Runner / Gate Cutting
- Insert Placement, if required
- Static Control
- Assembly
- Sky is the limit for innovations

It Helps in:

1. Typical Gate Cutting
2. Man Power Saving
3. Gate Cutting Accuracy up to $\pm 0.1\text{mm}$
4. Cutting consistency
5. Cutting Hard Plastic to reduce Fatigue
6. Maintaining Aesthetics

To understand...

Let us see few Examples!

1. Gate Cutting
2. Man Power Saving



1. Gate Cutting Accuracy of $\pm 0.1\text{mm}$
2. Cutting consistency



WILLWIN

Online Gate Cutting

Cutting Hard Plastic



Maintaining Aesthetic



WILLWIN

Online Gate Cutting

More than one Gate Cutting



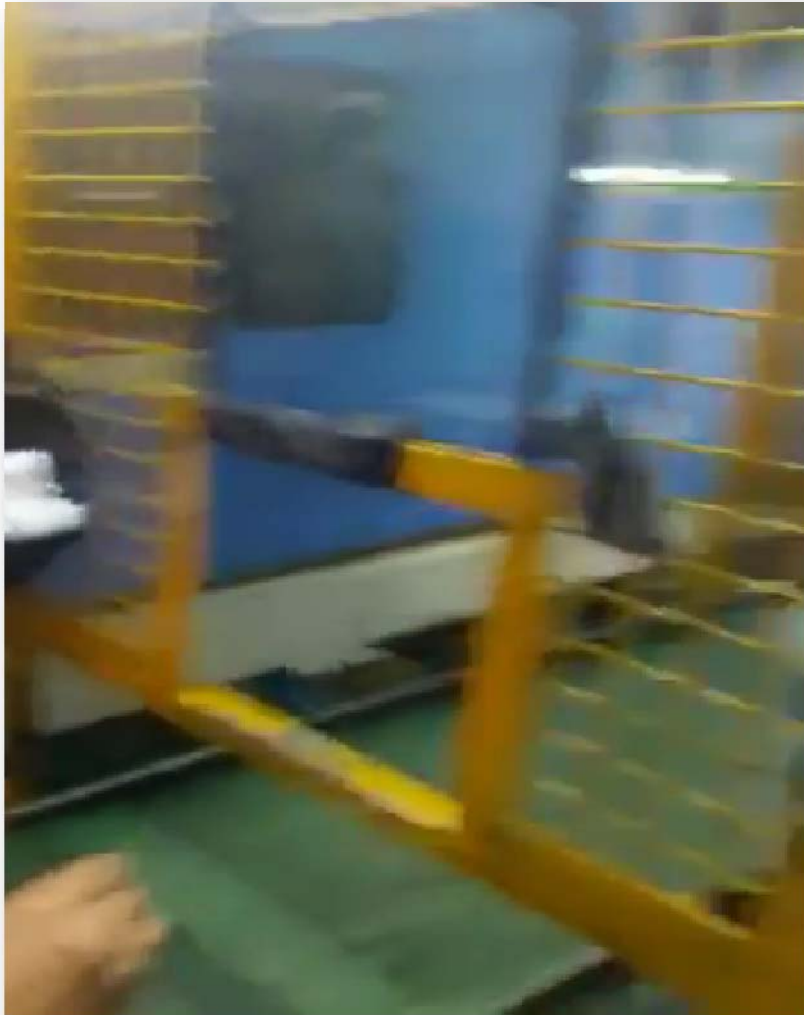
Punching & Assembly



WILLWIN

Insert Placement

Insert placement in EOAT



Insert placement in the mold

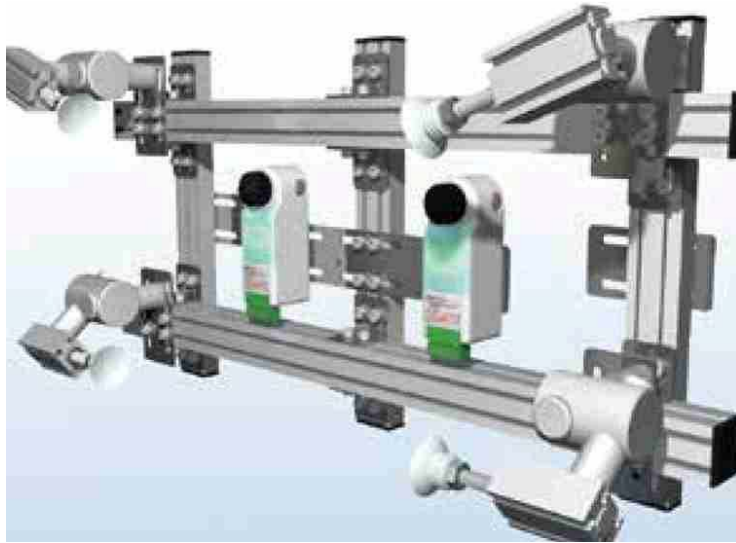


Benefits:

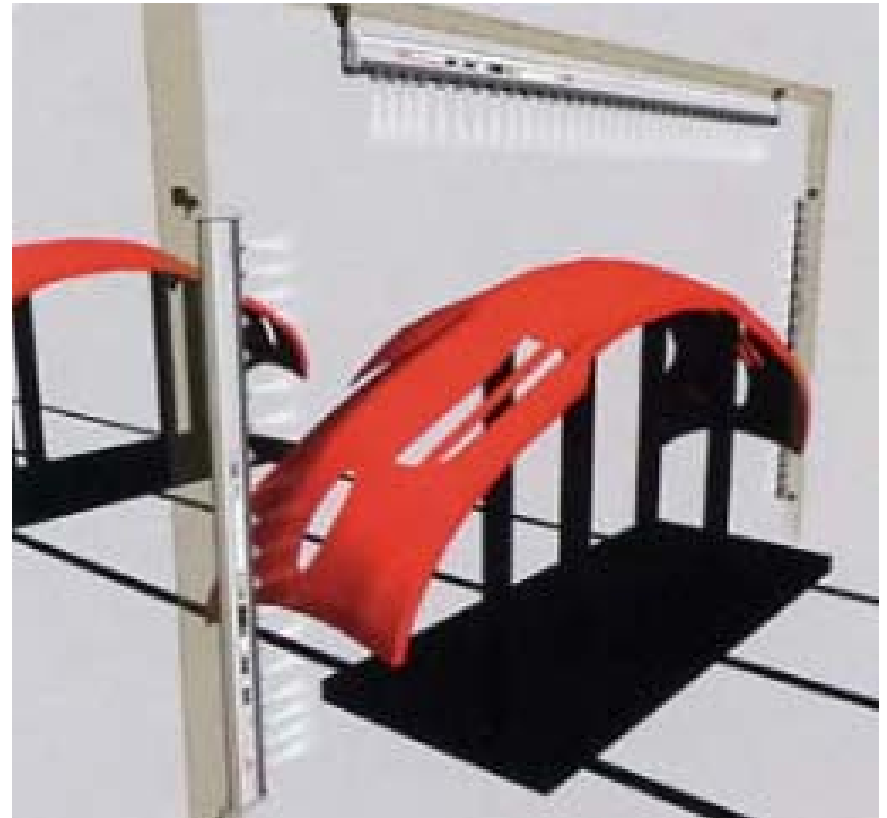
- **Static Energy Control of the mould also possible.**
- **Static Energy control of the component.**
- **No Manpower required.**
- **Poka Yoke – No missing of Static energy clean.**

WILLWIN

Static Energy Control



Static control Equipment on EOAT



Mounting onto chuck panels



Implementation of Static Energy Control through Robot



To achieve results, major requirements are:

- **Stable and good EOAT Design**
- **Right Selection of Air Nipper**
- **Stable design of Gate Cutting Arm**
- **Right selection of Static Energy Control Device**

- **EOAT Design and implementation**
- **Gate Cutting Solution**
- **Static Energy Control**
- **SPM**

In modern industry, innovation by automating processes provides companies with competitive advantages in

- **Speed**
- **Efficiency**
- **Production value.**

Robots help the company to replace their manpower-driven operation of

- **Moving**
- **Nipping**
- **Placement of plastics component**
- **Static Energy control**
- **Quality Consistency**

To Achieve the goal, the focus areas includes

- **EOAT design**
- **Nipping Arm**
- **Selection of right Air Nipper and blade**
- **Sensor & alarm systemization**
- **Static control Equipment**
- **Installation**
- **Future support.**

Other Specialization

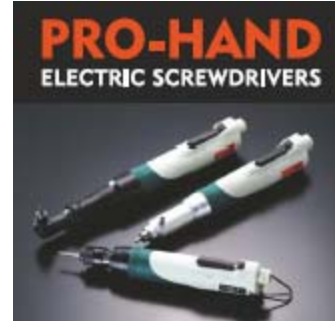
- **Assembly Solution & General Tools**
Screw Driver, Wire Strippers, Hammers, Scrappers, etc
- **AIR TOOLS**
Air Screwdriver, Impact wrench, Air Driller, Die Grinders, Air Polishers, etc
- **AIR NIPPERS & SCISSORS**
- **STATIC SOLUTIONS**
Anti Static Gun, Anti Static Fan, Anti Static Bar, Green Room Products, Wrist straps, etc
- **EOAT & Online Gate cutting**

WILLWIN

We serve the best



- HAND TOOLS
- AIR TOOLS
- AIR NIPPERS & SCISSORS
- STATIC SOLUTIONS
- GAS ENGINED TOOLS



- Electric Screwdrivers
- Pneumatic Screwdrivers
- Torque Arms
- Digital Management System
- Mistake Management System
- Torque Tester
- Screw Organizer Tray
- Pneumatic Riveting
- Pneumatic Nibbler & Engraver
- Spring Balancers



Pliers and Nippers for:

- General Purpose
- Plastic Moulding
- Electronic Components
- Electrical Cable Management
- Automobile Sector
- Wire Strippers



- Allen Keys
- Spanners
- Crowfoot Wrench
- Sockets
- 'T', 'Y' Handle Wrench
- Toggle Clamps



Tools for new *Civilization*

WILLWIN

An ISO 9001 & ISO 14001 Certified Company

Good equipment plays a vital role in improving product quality and cost reduction.



WILLWIN

Presented by:

Vivek Rattan Jain

Willwin

Cell: +91.9312284991

Email: vivek.jain@willwin.com