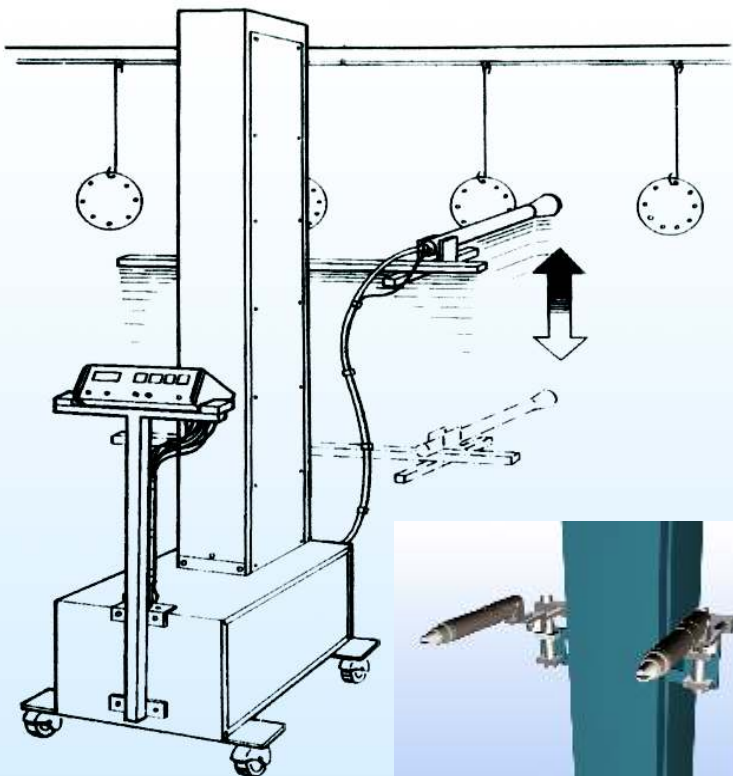
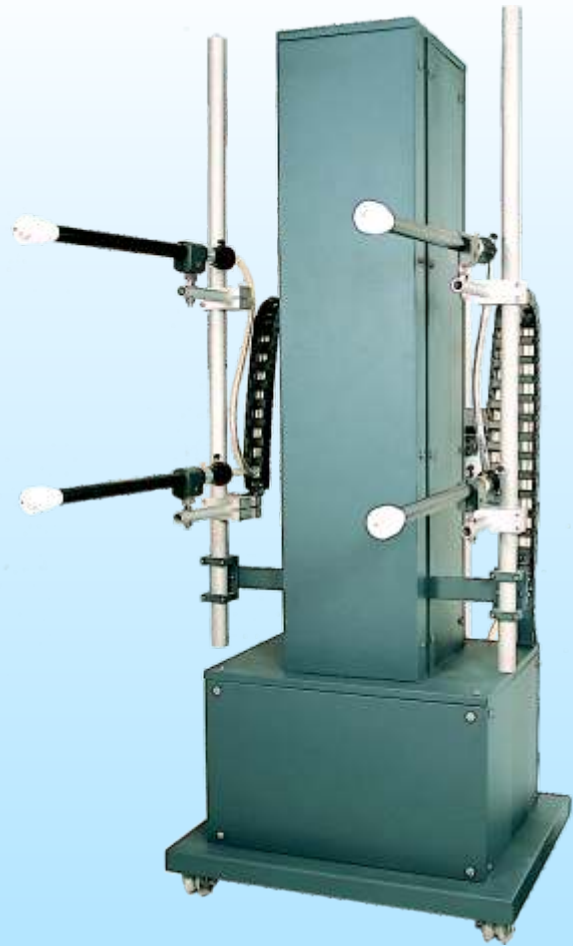


# ELECTRO-MECHANICAL RECIPROCATOR XL-SERIES

Mitsuba Electro-Mechanical Reciprocator possesses the capability to vary the speed & stroke as desired with a simple touch screen control.

The Reciprocator is electrically driven via an AC geared motor, giving gentle and distinct motion thus ensuring the best possible coating result.

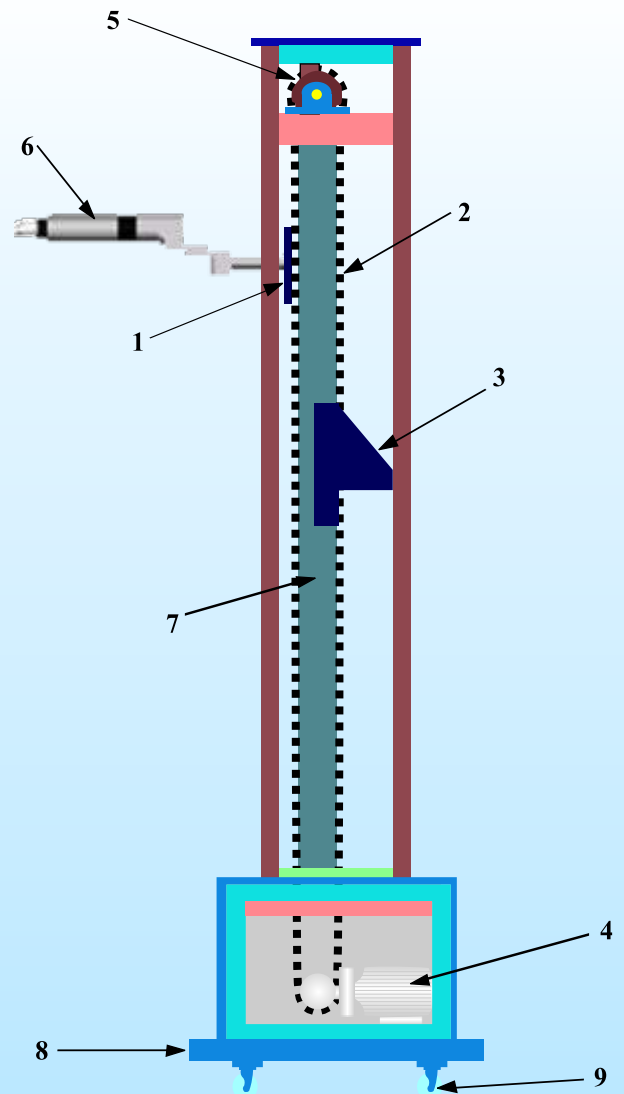
The movement of the carriage is controlled by a most up to date AC frequency drive and advanced digital controller to achieve the desired stroke and speed. The control panel incorporates a user friendly touch screen for extreme simplicity of operations even by the most unskilled labour.



1. Increased Simplicity-  
Advanced touch screen digital control.
2. Maximum reliability + Ease-  
Simplicity of design. The screen itself guides the user on what to touch so no formal usage training is needed.
3. Improved finished –  
Smooth Movement during traversing and change of direction.
4. Quick Job Change –  
Pre-programmable preset points for automatic selection of stroke and speed.

## PART LIST

- 1. STROKE CARRIAGE
- 2. BELT
- 3. COUNTERBALANCE TROLLEY
- 4. GEAR MOTOR
- 5. SPROCKET
- 6. GUN
- 7. SQUARE PILLAR
- 8. RECIPROCATOR BASE
- 9. CASTOR WHEELS



## Touch screen control



### SPECIFICATIONS

- Speed : 0-30 Mt./Min (Infinitely Selectable)
- Minimum Stroke : 100 mm
- Standard Stroke Length : 1200 mm, 1500 mm, 1800 mm, 2000 mm, 2500 mm.

### ➤ CONTROL

**Analog** : Operator sets both speed and stroke separately for each type of job.

**Digital** : New touch screen Graphic Display & control.

- Pre-Set Points : Any speed & stroke selectable, ninety nine(99) Pre-Set programmable points.
- Multi Speed : Three multi speed settings selectable along the main stroke. Speed can be different in various lengths of the same stroke.
- Can be integrated with "Spray Police" powder optimization hardware, so gun spray is triggered only during presence of work piece.

**MITSUBA**  
SYSTEMS

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