

Coating Thickness Adjustment Systems

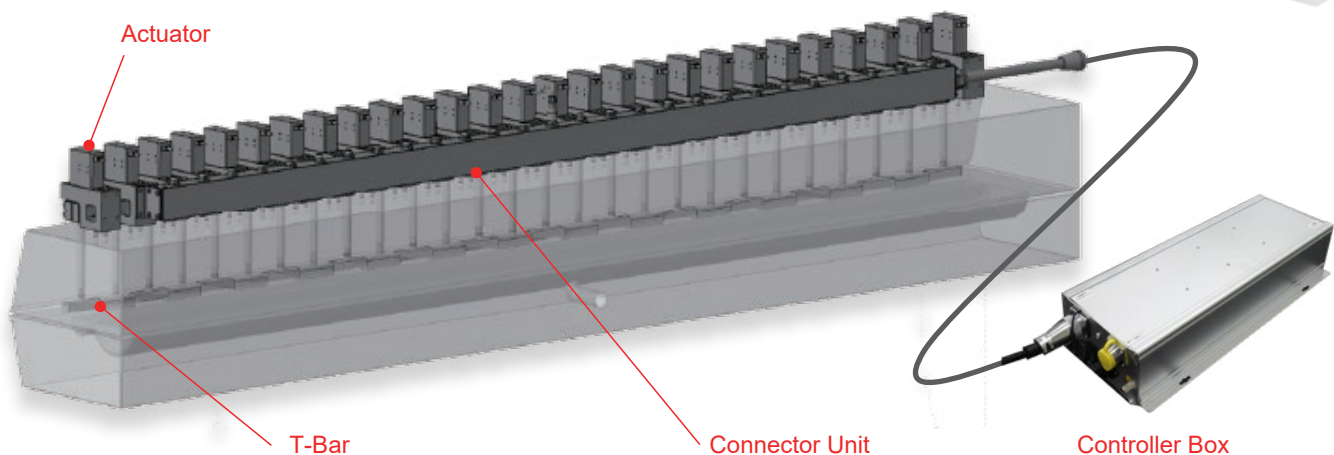
WER-035E-2512

T-Bar DIE

T-Bar electric

Features

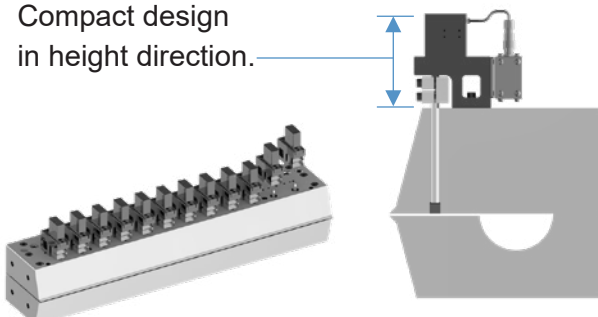
- Flow rate can be adjusted by the coating thickness adjustment system by extruding the T-Bar.
- Numerical control of T-Bar adjustment amount by PC is possible.
- T-Bar reference point can be set.
⇒The reference point of the T-Bar is adjusted when the actuator is turned on.
- Compact design with small actuator unit.
⇒Bar width Minimum size 12.5 mm.(Standard width 50 mm)



1. Direct Motion System

<Features>

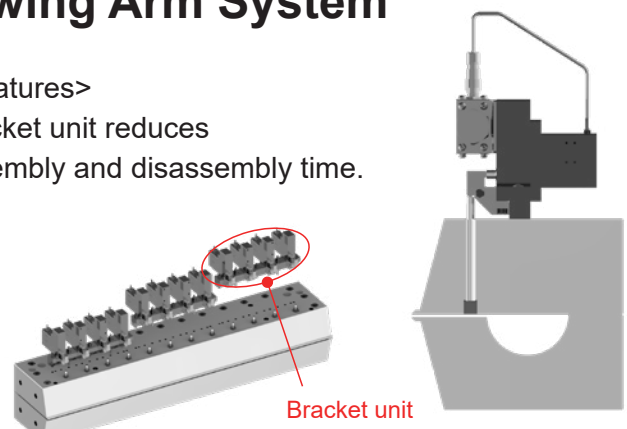
Compact design
in height direction.



2. Swing Arm System

<Features>

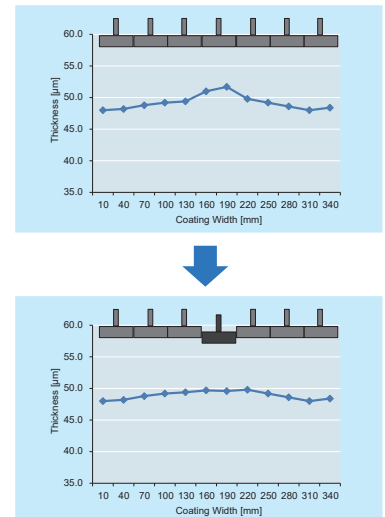
Bracket unit reduces
assembly and disassembly time.



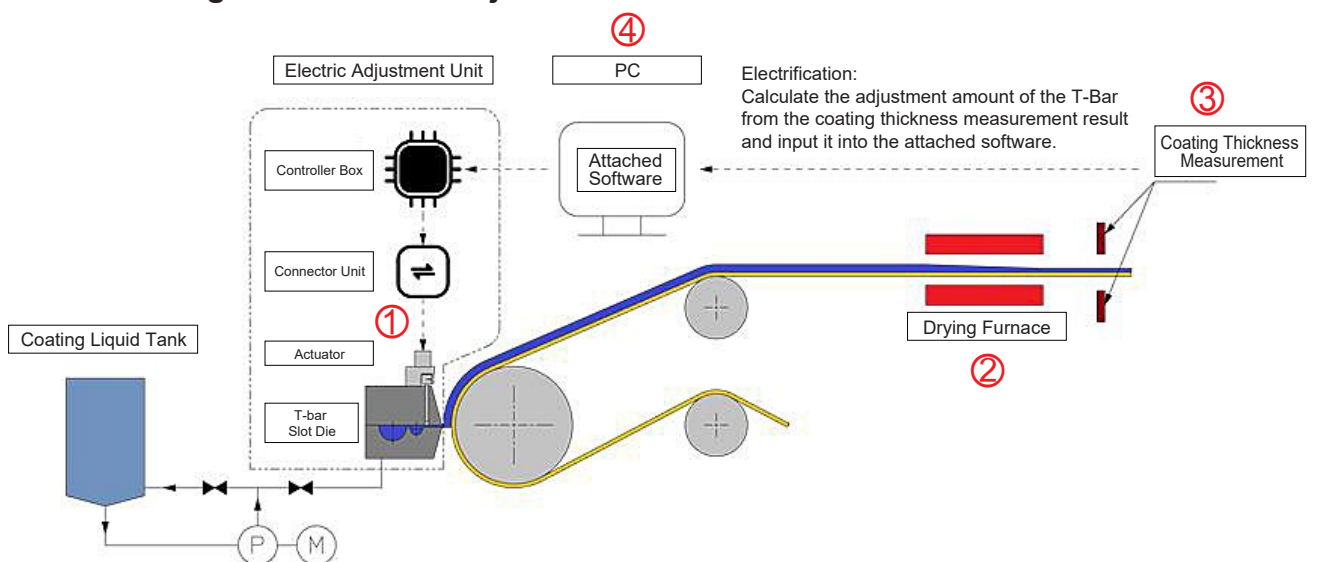
Coating thickness adjustment method

- ① Coated with T-bar slot die
- ② Dry
- ③ Coating thickness measurement and data collection
- ④ Adjust the T-Bar based on the thickness result

※ Repeat steps ① through ④ to adjust the coating thickness.



Schematic diagram of electric adjustment unit



The electric adjustment unit includes the following:

- Actuator
- Controller Box
- Connector Unit
- Software (T-Bar movement adjustment only)

* Separate control software is required to automatically adjust the coating thickness.

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