# Tobu 10030 series




(By MaedaAkihiko - CC BY-SA 4.0)

## Introducing

The **Tobu 10000 series** (□□ 10000□ , *Tōbu 10000-kei*) is a DC electric multiple unit (EMU) commuter train type operated in Japan by the private railway operator Tobu Railway since 1983.

First entering service in 1983 on the Tobu Tojo Line (1984 on the Tobu Isesaki Line), production continued through to 1995, with a total of 486 vehicles built.

(Wikipedia)

## Console detail (Skytree)



In the upper left-hand corner, you will find a number of indicators:

- □□□□ : Operational Information
- ?? (undetermined)
- □□ : Open
- □□□□ : Configuration Requirements
- □□□□ : Stop at next station

Below is the route map.




On the main part, we found :

- Electrical intensity dial
- Speed dial with 2 limit indicators at 60 km/h and 15 km/h.
- The pressure gauge for the brake cylinder (black arrow) and the compressed air tank (red arrow).
- Below, 2 lights:
  - ATS□□ : ATS in action (red)
  - □□ : Doors closed (green)
- Finally, on the right, various indicators. In this order :
  - □□□ : Control Stage
  - □□□□ : Regenerative braking disabled
  - Symbol : Lights
  - □□□□ : Suppression braking
  - □□□□ : Emergency power

- ATS□□□□ : ATS emergency operation
- ATS : ATS on

# Console detail (Tojo)




On the main part, we found :

- The electrical intensity dial
- A series of indicators including TASC (not used), an indicator showing proximity to the speed limit (lights up when within 5 km or less of the speed limit) and indicators showing clearance over 1,400 m in 200 m sections.
- The speed dial. The black arrow corresponds to the train's speed. The red arrow is the speed limit that must not be exceeded. The triangular indicator shows where the speed limit will decrease and allows you to anticipate the change in limit.
- The pressure gauge for the brake cylinder (black arrow) and the compressed air tank (red arrow). Above it is the door closure indicator.
- A set of various indicators:
  - Safety equipment status code (□□□□□□□□□ ): 1, 2, 3, 4
  - ATC
  - ATS
  - □□□□ : Emergency call
  - □□□□ : Safety regular
  - □□□□ : Safety emergency
  - □□□□ : Regenerative braking disabled
  - Lights
  - □□□□□ : Platform doors
    - □□ : Synchronised
    - □□□ : Not synchronised
    - □□□□□□□ : Platform door obstruction
    - □□□□□□ : Step obstruction

- □□□□ : Start-up preparation
- □□□ : Control stage
- □□□ : Door closer
- □□□□ : Protection power supply
- □□□□ : Pantograph lowered

Above the central section is a whole set of indicators.

# Availability

This train model is available on the following lines:

- Tobu Skytree Line
- Tobu Tojo Line

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