# Industrial Robots : MELFA FR series בוולל



# New control "MELFA High Drive" realize higher speed and higher accuracy! MELFA FR

#### Shorter cycle time

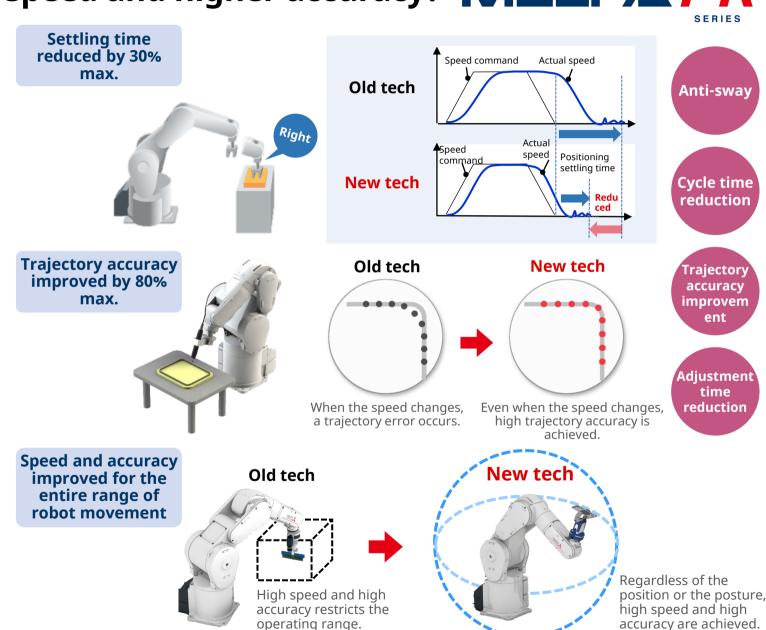
- ➤ Cycle time improved by 30% maximum by shortening the settling time\*
  - Residual vibration is suppressed during positioning by applying the vibration suppression algorithm.
  - Operation stops right at the target position.

#### Adjust the robot's trajectory accuracy

- ➤ Trajectory accuracy improved by 80% maximum by our proprietary control\*
  - Work quality is greatly improved for operations such as sealing and processing that require priority on trajectory accuracy.
  - Teaching is easier because trajectory changes are small even if the speed changes.

### **Easier robot system layout**

- ➤ Reduced speed and accuracy variations in about 70% of the robot operating range\*
  - Reduction in speed and accuracy variations that occur when the layout is changed.
  - The layout consideration time and the setup time are significantly shortened.
  - \* The results are obtained using our in-house operation patterns.

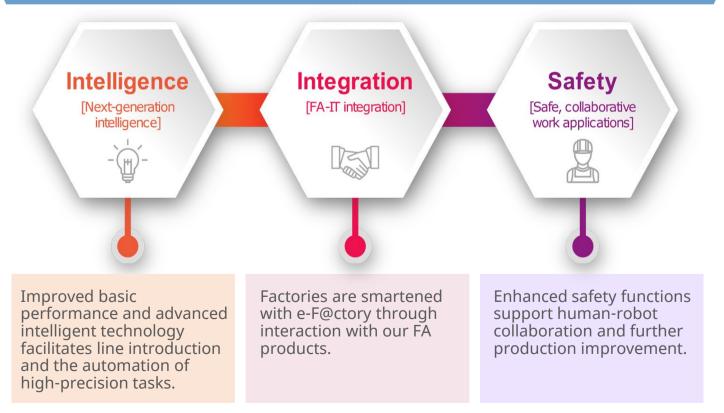


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## Concept

Advanced intelligence helps perform tasks with high accuracy, support e-F@ctory, promote human-robot collaboration, and next-generation manufacturing.

#### Three concepts provided by the MELFA FR series



## Product lineup

MELFAFR

(Schedule to be determined)



