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## Announcement of 10-Year Warranty For Linear Motor drive Die-sinker EDM & Wire-cut EDM

Sodick introduced the first Linear-motor driven Die-sinker EDM and Wire-cut EDM in November, 1998 and installed at users' sites **over 15,000 unit** until now. The initial machine accuracy has been maintained for these 8 years. With this trouble-free operation, Sodick has decided to offer a 10-year machine accuracy warranty so that the existing users and future customers can operate the machines with confidence, utilizing this cutting-edge precision quality.

The conventional ball-screw driven machines lose their original accuracy in about 3~5 years due to the periodical deterioration caused by ball-screw wear. If try to maintain the original accuracy, users need to replace the ball-screws, costing their much expense. However, recent industry requires higher-speed and higher-precision manufacturing. This needs to operate the machines at higher speed, resulting in quicker wear of the ball-screws and frequent changing of the ball-screw.

Sodick's machines are operated through the contact-free linear-motor drives, which help keep machine accuracy for over 10 years through this maintenance-free element, while the ball-screw wears and loses accuracy easily.

Moreover, a standardized manufacturing system and quality control are in use in Sodick's major plants, where ISO900 are acquired for quality management system. With the trouble-free 8-year operation of the linear-motors developed and manufactured by Sodick, more confidence is secured about the manufacturing engineering and machine tool accuracy.

This is the key for Sodick to offer a 10-year linear-motor drive positioning warranty at this time and longest period among the machine tool industry in the world.

→ [Detail](#)

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