



WORLD CLASS MANUFACTURING

With modern, fully automated manufacturing plants in Sweden and China, SEM leverages technically advanced and cost-effective production solutions. Solid experience and extensive know-how provide the stability and continuity our customers seek.

- » Excellent track record with over 10 million produced stators.
- » Development and production under the same roof
- » Close cooperation with our customers is the key to our success
- » High precision machining with excellent capability track record
- » Extensive expertise in designing manufacturing processes

SEM, Swedish Electro Magnets, is a leading global supplier with over 100 years of industrial experience and deep knowledge of electromagnetic applications.

We produce advanced alternative fuel ignition systems, injector stators and linear position sensors for stationary engines and commercial vehicles, and small engine systems for premium forestry hand tools.

INJECTION WITH PERFECTION



www.sem.se



INJECTOR STATORS



INJECTION WITH PERFECTION

With a knowledge of both mechanics and electro-magnetism, we produce stators that meet market and regulatory requirements across the board.

SEM's stator technology provides precise control where it's most needed – delivering on performance and the environment.

Our technology combines high pressure injection with rapid response to help lower emission levels and reduce harmful particles. Close cooperation with world-leading engine manufacturers ensures we stay fully-informed of the latest and relevant environment regulation developments globally.

INJECT GREEN

Designed for both standard diesel fuels and environmentally friendly fuels, such as ED95. With its injection perfection, the injector stator helps optimize injection efficiency which reduces harmful particle emission.

SUPERIOR FUEL CONTROL

High performance stators, ensuring optimized fuel injection with extreme precision under high pressure conditions. This maximizes burn-efficiency and minimizes fuel consumption.

BUILT FOR REALIBILITY

Vacuum epoxy potted, guaranteeing void-free perfect encapsulation of the coil, protecting it from vibrations, intrusion of liquids and hazardous flashovers.

