

SMOOTH CARRIAGE-MOUNTED METAL CUTTER

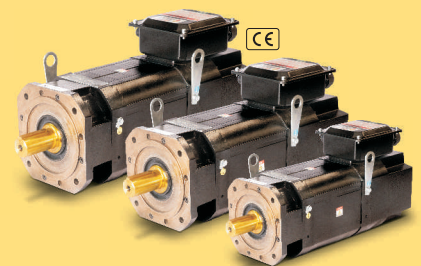
Seamless Cutting | Superior Accuracy | Maximum Throughput



KEB F6 Servo Drive



KEB C6 Controller & HMI



SynchroTorq[®] PM Servo Motor

Servo Drive - 4kW to 450kW, Servo Motor - 16Nm to 280Nm

Benefits of Servo Drive Solution for Cutter on Carriage (CoC)



Long length and skip-cut features reduce rejection pipes due to improper welding.



Automatic adjustment of cutter feed speed and home offset as per job size to avoid saw wear and tear.



Proper synchronization of carriage with pipe speed and precise feed speed ensure clean, smooth and noise-free cutting.



High dynamic performance due to fast response of the Servo Motor.



Faster burr-free cuts reduce post processing time, speeding weld prep and overall throughput.



Increased safety in operation of cutting with safety interlocks and limit switches.



Burr-free cutting and accurate length cutting, resulting in improved product quality.



Automatic home offset setting as per job dimensions: on-the-fly length modification option without any jerks.



Same CoC can be utilized for various job sizes and shapes (round/circle) due to flexibility in parameterization.



Low maintenance and reduced down-time.

Complete automation package for Cutter on Carriage



- BB-manufactured AC Servo Drive under license from KEB, Germany.
- BB-manufactured PM Servo Motor with encoder feedback and KTY sensor.
- KEB C6 motion controller with Codesys platforms and various communication channels.
- KEB display panel with keypad and various communication protocols.
- Installation and commissioning support.
- Accessories:** EMC Filters, Touchscreen HMI, PLC, AC Input Choke, Brake Resistor, Pressure Sensor, Shielded Power and Resolver/Encoder Feedback Cables.

Main Industrial Applications: Metal (round pipe, section pipe), Roll Forming Machine



We also provide retrofitting Servo solutions for existing Cutter on Carriage Line

Exclusive Service Centres at Mumbai, Ahmedabad, Vapi, Delhi, Haridwar, Coimbatore, Bengaluru, Pondicherry, Kolkata

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