



WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

HEAVY DUTY CNC 2-ROLL WITH QUICK-CHANGE FORMING SLEEVES



▶ **CLICK HERE TO
SEE IT IN ACTION**



More info on page 2 and 3 ▶

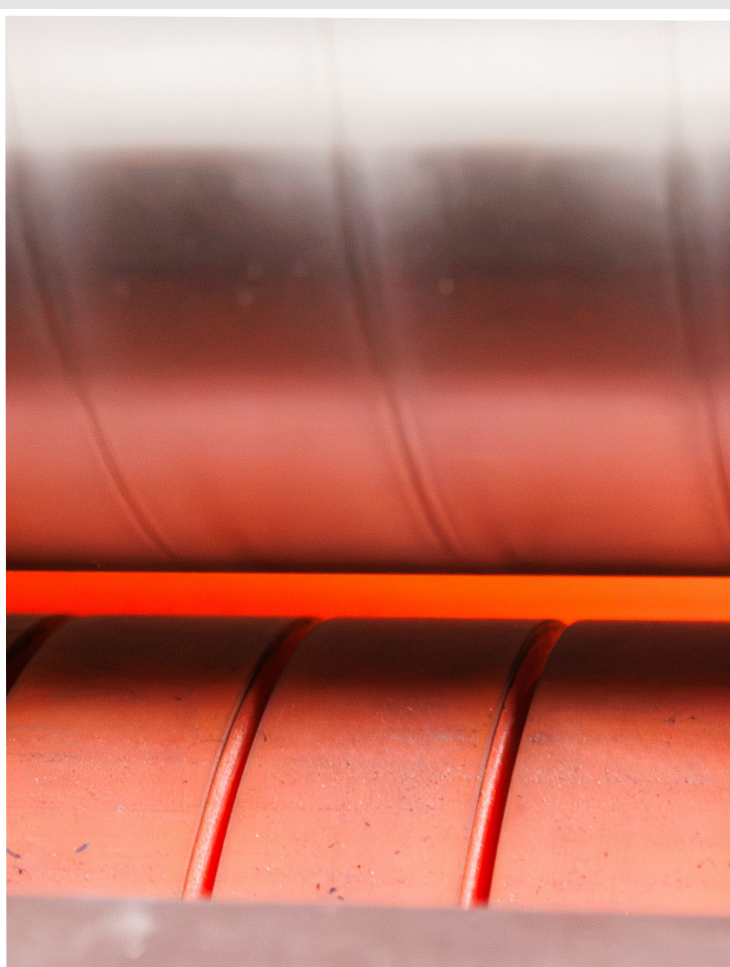
Plasma | Tig | Laser | Mig | Sub-Arc



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Designed Around a Real Production Challenge ▼

A Weldlogic customer needed a heavy-duty 2-roll forming solution capable of producing the roundest possible motor cases from 6mm thick steel — across a wide range of diameters and lengths, running two or more shifts per day with multiple sleeve changes per shift. The forming sleeves required were too heavy for an operator to lift manually.

Benefits ▼

- High-speed roll forming — 100 to 300 parts per hour
- Accommodates perforated, embossed, and cut-out material
- Soft urethane roll — won't scratch or mar finished surfaces
- Low operator skill required
- Simple, reliable design built for multi-shift production

A Quick-Change System Built for Heavy Sleeves ▼

To handle the high forming pressures required for thick-wall, large-diameter motor cases, Weldlogic Engineering increased the hydraulic forming capacity, upgraded the load bearings, and reinforced the structural design throughout. A custom quick-change system was then designed, tested, and refined — using a transfer cart, loading slide, and integrated lift — so a single operator can swap heavy forming sleeves safely and efficiently between runs.

Features ▼

- Siemens CNC with unlimited recipe storage
- Siemens touchscreen — easy program access
- Encoder positioning for guaranteed repeatability
- Heavy-duty hydraulics or AC Servo driven
- Over-designed rigid structure for precision rolling
- Quick-change forming sleeve carts with loading slide and lift

Nearly 50 Years of Forming & Welding Solutions

Weldlogic has been designing, manufacturing rolling, and welding solutions for nearly 50 years— We validate all our forming and welding applications, thru our application lab. Contact us for a solution!



