

GEAR BURNISHING SYSTEMS



The Veit Tool & Gage semi-automatic and full automatic gear burnishing system is a three-roll, oscillating type machine. The proven burnishing method has been utilized in many automotive and other powertrain manufacturing facilities for 3 decades.



QUALITY & PRECISION

GEAR BURNISHING SYSTEMS



These machines and their unique process remove nicks, burrs, heat treat scale and other foreign matter from the gear tooth flanks.

Burnisher Model #1000 – Manual load/unload semi-automatic machine

Burnisher Model #2000 – Automatic Roll in/ Roll out machine

Burnisher Model #3000 – Fully-automated multi-part CNC servo machines

CAPABILITIES /THROUGHPUT:

- Production rates of up to 600 PPH (Parts per hour).
- Dramatic nick reduction
- Improved surface finish

KEY FEATURES

- Cam-activated oscillating action between the three burnish gears and the component gear in tight mesh under pressure and during rotation.
- PLC controls
- HMI Touch screen
- Safety interlocks
- Automatic lube and coolant system
- Toolless part changeover
- Mist collection hood (if required)
- Robust fabricated and machined base
- Totally enclosed (dry floor) safety guards
- Low air and coolant alarms
- Operation status light (stack light)



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