

MAC Engineering and Equipment Co., Inc.

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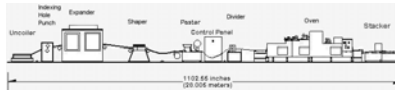
www.mac-eng.com

www.eagleoxide.com



MAC Engineering and Equipment Co, Inc.
Eagle Oxide Services

EQUIPMENT OVERVIEW



Expanded Metal Platemaking System

- **COMAC** – production up to 20 meters per minute - positive & negative plates
- **MAC Divider** - cuts continuous strip into plates

MAC Paste Prep System, Feeders / Parting Feeders

- **MAC Paste Prep System**
- **MAC 170, optaMAC, MACvac** - roll-away mechanical or vacuum feeders as well as the optaMAC / MACvac Parting Feeders.

Pasters: From cast grids to continuous lines, we make the best pasters in the industry

- **Steel Belt Paster** - uses our FCC dual sided pasting technology
- **optaMAC X610, X540, and 170 Pasters** - for grid pasting
- **optaMAC 610XM Paster** - for continuous pasting

Pasting Options

- **MAC Acid Surfacers and Burlan Belts**

MAC Flash Drying Ovens

- **optaMAC Flash Drying Ovens** - gas or electric, built to fit your needs 20-25% more efficient than the competition, utilizing advanced nozzle design and airflow.

Curing (Hydrosetting) Systems

- **MAC Curing Chambers** - hydrosetting and curing systems to fit any plant's operation
- **MAC Curing Components** - retrofit existing curing chambers with MAC Curing automated precision technology

Preparation / Handling Equipment: Complete parting, trimming, stacking, brushing and milling equipment to prepare your plates for the cast-on strap process

- **Hi-Speed Stacker** - Stack Aligner and Brushing station options, perfect for continuous
- **Automated Rack Handling System**
- **MACparter 190, MACparter 190V (vacuum feeder)**
- **MAC Plate-Prep System, flowMAC Parter and Plate Prep System**
- **cutterMAC 9 Saw, Brushing/Blocking Station**

Cast On Strap (C.O.S.) Equipment

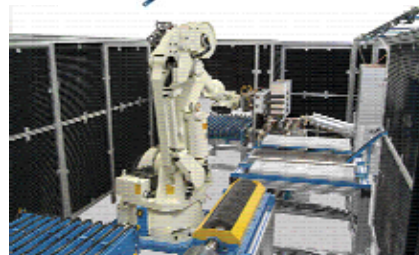
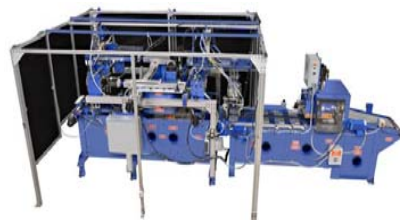
- **MAC/C.O.S. (Rotary), dynaMAC C.O.S.** - option for AGM centering & compression
- **COS Molds** - advanced long life design and construction
- **MACstrap Caster, MAC Burning Rack, MAC Rotary Burner**

Assembly Equipment

- **MAC Leak Tester, autoMAC Acid Filler (gravity), MAC Acid Filler (volumetric), MAC Post Cleaner, MACsealer HS 6-3, MAC Engraver, MAC Rotary Dumper, MAC Separator Caliper, MAC VRLA Separator Pleater** - the right machines for your assembly needs

Industrial Equipment: machines for all your industrial production needs

- **Industrial Stacker/Palletizer**
- **Industrial C.O.S.**
- **Industrial supraMAC Paster, industroMAC Paster, IPM II** with shuttle, portable hanging, or supraMAC feeders
- **MACacid Surfacers**
- **Industrial supraMAC Oven, industroMAC 300 Oven**
- **industroMAC Sleever**



Barton Oxide Systems

- **EOS 500, EOS 1000, EOS 1200** - typical production between 9 ton and 24 ton (depending on model)
- **Barton Retrofit Controls Package** - optimize existing oxide systems with Eagle technology, utilizing automatic precision controls

Linklater Barton Oxide Systems: 3 sizes, available in electric, gas, or oil

- **L-2100** - Reactor Pot Assembly with 2000 lbs (910 kg) oxide per hour
- **M-1500** - Reactor Pot Assembly with 1500 lbs (680 kg) oxide per hour
- **R-900** - Reactor Pot Assembly with 900 lbs (450 kg) oxide per hour

Ball Mill Systems

- **M-8, M-15, M-25** - make 8, 15, or 25 tons per day of oxide below lead melting temperature

Hammer Mill Systems

- **HM3, HM4, HM6** - mills oxide to a fine particle size; from 2,500 lbs (1,120 kg) per hour, up thru 5500 lbs (2500 kg) per hour (depending on the model)

Lead Melting Systems

- **Lead Melting System** - melts lead ingots using gas, electric, or oil heat; 5 to 50 ton capacity per day

Red Lead Systems

- **RLF 1000, RLF 2000, RLF 3000** - red lead production with rates from 4 tons (3500 kg) to 16.5 tons (15,000 kg) per day (depending on the model)

Litharge Systems

- **LCF 1000** - litharge system producing up to 800 lbs (360 kg) litharge/hour
- **Granular Litharge System** - continuous, powdered litharge to granule

Oxide System Components

- **Baghouse** - filters out airborne oxide particles; pulse jet cleaning, GoreTex filter bags, leak detectors, control dampers, exhaust fans, HEPA filters
- **HEPA Filters** - High Efficiency Particle Arrestor for oxide
- **Cyclone** - mechanical airborne oxide particle separation
- **Transfer and Conveying Systems** - pneumatic/mechanical/screw/vacuum conveyors, automatic samplers, bucket elevators, rotary valves
- **Ingot Conveyors / Feeders** - for automatic feeding and transporting of 25 kg, 45 kg, and 1000 kg lead ingots
- **Cylinder Casters** - for ball mills
- **Storage Tanks** - 10 to 100 ton storage capacity

