May 2022 rdgmedia

In This Issue: Berlyn ECM, Inc 13 | Plastrac Inc 8 | Garden City Plastics 14 | Rechner Electronics Industries 12



For Performance and Price, No Other Mold Cleaning System **Comes Close!**

The Eco-Pro 360 plastic mold cleaning system from iD Additives removes, protects and helps prevent rust within cooling passages, heat exchangers and water lines. Eco-Pro has numerous advantages over other mold cleaning systems, including:

Reusable Fluid

- Eco-Pro fluid is non-caustic and reusable numerous times without replacement
- Does not need to be disposed as a hazardous waste

- Eco-Pro runs off compressed air vs. electricity
- Easy connection and usability in any shop

Pricing

- Competitively priced vs. other systems
- Cart features pump and filter combination unit for easy use and longer fluid life











Heat Exchanger BEFORE

Heat Exchanger AFTER





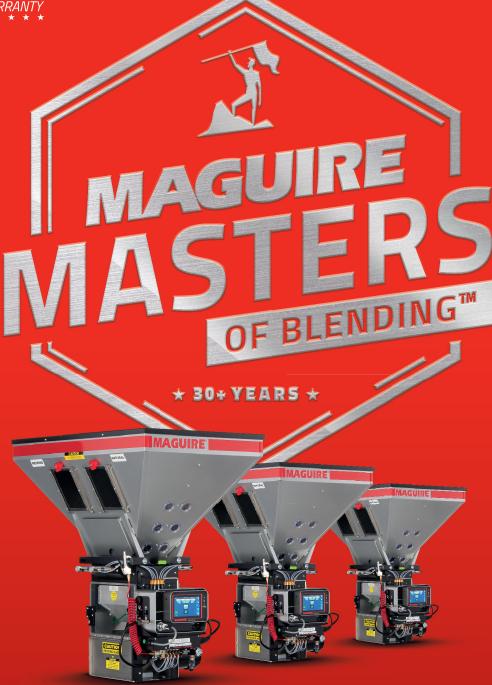






Unmatched Technical Support for Innovative Products!





- ★ Close to **60,000 blenders** sold worldwide
- **★ More standard models** than any other producer
- **★ 30+ years** of experience in Gravimetric Blending
- ★ Industry leading 5 year warranty

MAGUIRE® Intelligent Simplicity

Are you the next Maguire Master? Call us now to find out more.



info@maguire.com | www.maguire.com

NEO series

Design drives change.



The all new NEO Series

The **NEO** family of premium injection molding machines are designed to offer stable, precise, efficient and energy saving performance.

Excellent specifications. Industry 4.0 ready controller, and leading brand componentry, all used in conjunction with cutting-edge design, produce machines that are perfect for even the most demanding applications.

NEO-T Servo-toggle IMM 90t - 500t



NEO-E All - electric IMM

5 St - 460t



Tederic is a manufacturer of premium high-performance injection molding machinery. Products range from 55t to 7000t and include servo-toggle, servo-2 platen, hybrid electric, all-electric, and specialty multi-material solutions.

In more than 1.5M sq. ft. of space Tederic has vertically integrated manufacturing facilities, including an in-house casting plant, which allows for close control of the quality of the core components of the machines.

With more than 1000 employees and worldwide sales to more than 130 countries, Tederic has a vibrant and growing global footprint.

NEOH Two platen IMM

550t -7000t



NEOM Multi-material IMM 170t-4000t



PRODUCT SPOTLIGHT

Globeius

Our mold releases, cleaners, rust preventives, lubricants and purging compounds are BETTER for your maintenance needs because



they are formulated to ensure maximum productivity and contain no trichlorethylene and no chlorinated solvents.

Learn more at https://globeius.com/collections/slide

Transform your Extrusion Business with custom tooling from NJPT.COM

We specialize in 5 day (or sooner) delivery of custom plastic extrusion tooling for many industries and applications, including: POP, price



channels, displays, slat walls, packaging products, commercial products, industrial and home building products, tubing and hollow profiles, sheet, film and more.

Learm more at www.njpt.com or watch our video Automated Design & Manufacture of Plastic Extrusion Dies at https://www.njpt.com/videos.html.

Maguire Blenders: Save up to 20% on expensive raw materials

Maguire WSB blenders often achieve a complete ROI in 3-6 months, through savings in raw materials and control of expensive additives. We offer standard solutions for



every process to meet your needs, from Injection and Blow Molding; Compounding; Film, Profile and Sheet Extrusion. Our proprietary software manages vibration without compromising installation so you will always get 100% accuracy and control an average industry blender that doesn't offer the same. Plus, a 5-year warranty. Find out more here: https://bit.ly/38OU6i8

Blades Machinery Co., Inc.

For Sale: Used Champion Model 20" x 44" Magnum Hammer-mill. 200HP, 460V. 44" diameter rotor, 3/16" screens. SN#102396.

847-439-2126 www.bladesmachinery.com



Eco-Pro Mold Cleaning System

The Eco-Pro 360 plastics mold cleaning system for iD Additives removes, protects and helps prevent rust within cooling passages, heat exchangers and water lines. The system has advantages over other mold cleaning systems, including non-caustic fluid that is reusable numerous times, runs off compressed air and

is competitively priced vs. other systems. Learn more about the Eco-Pro system and other innovative products including purging compounds and foaming agents at idadditives.com.



Modular Four Component Gravimetric Blender -

Part of Plastrac's All-Fed, Auto-Disc Series, the GA-404 is for the metering and blending of four ingredients. Applications include injection molding, injection blow molding, extrusion, or set rate metering (starve-fed). It features a capacity of 900 lbs per hour (409 kg per hour). The versatile feeder handles all pellet types (including micropellets) and regrind. The unit's Recovery Time Tracking and Timer Mode sychronizes it with the process machine. For more details, visit plastrac.com.

CleanChanger: the unique self-cleaning screen changer with automatic breaker plate ejection system



The CleanChanger of BD Plast gives an automatic filtration system with free movement of plates; increased filtration area and no need for extra devices of screen packs retention. It is the only screen changer with automatic breaker plate ejection system when screen packs replacement is necessary. CleanChanger requires low back pressure for self-cleaning of the screen packs (8 bar tested) and is efficient up to 200 cleaning cycles before replacement of screen packs, reducing to a minimum maintenance costs of manual operations.

www.irecyclingsolutions.com

Burger & Brown Engineering

Burger & Brown Engineering is pleased to announce the release of a new **High Temperature Low Flow Indicator** demonstrating the presence of flow inside critical, restricted cooling paths. The indicator is suitable for use with high



pressure hot water cooling system circuits containing bubblers or baffles. A high-visibility impeller sits behind a glass window for visual indication of flow. Flow indication is between 0.3 – 4LPM (0.08 – 1GPM) at 204°C (400°F) max temp with 17.2bar (250psi) max operating pressure. Optional high pressure and temperature flow regulator can be added to provide molders fine adjustment to cooling circuit flow rates.

https://www.smartflow-usa.com/High-temp-low-flow-indicator.htm

Page 4 May 2022 Plastics Hotline



We help you do what you do... **BETTER**

BETTER in Maintenance, Repair and Operations

BETTER in mold storage... with specialized mold rack systems





See us at...















www.globeius.com

Tel.: (305)889-1782 Email: info@globeius.com

BARREL BORE GAUGES

Checks IDs ³/₄" – 24"
Checks barrel lengths to 30'



Over 30 years experience designing, manufacturing, rebuilding, Screws and Barrels.

For Injection, extrusion and mold molding.

FLITE

www.flitetech.com

toll free: (800) 327-9310

phone: (321) 631-2050

fax: (321) 636-3508

Page 6 May 2022 Plastics Hotline

INNOVATIVE ROBOTICS LINE FOR PLASTICS INJECTION MOLDING



H5 SERIES

- Molding Machine Size: 750 ~ 4,000 Tons
- Full Servo Robot up with 5 Axis AC Digital Servo.
- Industry First !. raverse (1 Axis) + Articulated Robot (4 Axis)
- Heavy Payload, Low ceiling & Less foot print
- Application: Basic Take out, Stacking, Insert Over Molding, Gate cutting, 2ndary automation!
- Features: High Strength Steel Frame, Powerful AC servo Motor, High Precision NSK Liner Motion Guide.

H5-C10 Controller

- 7" Wide Touch Screen
- ARM Cortex-A8 CPU, DDR2 512 MB
- Body Attached I.O box
- High-Perfomance EitherCAT Communication
- User-Friendly Icon-Based Control Screen.
- Developed with 30 years experience in the plastics molding industry.
- CE Certified Components, ISO 9001 Quality Production.





HYROBOTICS CORP. 5319 BROWN AVE. ST.LOUIS MO 63120, USA WWW.HYROBOTICS.COM

The perfect blend. Every time.

More than fair shares.

Cart-based Plastrac blenders move between machines to simplify color changes and reduce scrap, especially on short runs.

To help custom molders achieve extreme efficiency, Plastrac offers fully independent single and dual cart-based blenders that can be shared between multiple machines. They are based on the value proposition of a single virgin feeder and two different color feeders with shared controller and blower system, typically operating independently with either manual color filling or an automated color loader. Operators will be able to switch colors electronically. All parts of our cart systems are easy to connect and disconnect for fast changeovers and setups.



On the fly Color Changes. PDQ.

There are a lot of features that distinguish a Plastrac blender, but none greater than the ability to change colors as often and as quickly as customer orders demand it. The secret is our level-sensing vane switch (standard on every single blender). Harried processors can hurry up color changes by

swapping top castings without any need for cable removal.



Easy does it blending. Now. And down the road.

Plastrac designs and builds blenders to uncomplicate life for our customers. They are simple to set up. Simple to operate. Simple to adapt in the field. Simple

to expand in the future. Let's say you buy a two-component (color + additive) system now, but a few years later, you need to make it a multi-component system. Plastrac blenders are all entirely modular, so you won't be locked into the original configuration if your needs change or grow. What's more, all our parts, mechanical and electronic, are

always well stocked, because we don't think your present or future operations should include downtime.





Temperature Control Units

Water Units: up to 300°F at 35-100 GPM Oil Units: up to 500°F at 20-100 GPM



Low capital investment, simple start up & operation, easy to maintain, microprocessor control instruments that are easy to read and understand, factory sales and service support along with new product warranties are the reasons why TempTek water and oil products are superior. Call now for Pricing & Delivery!

317-887-6352

www.TempTek.com

525 East Stop 18 Road Greenwood Indiana 46143



NO STRINGS ATTACHED!

Progressive's new Nozzle Tips with internal heat sinking fins eliminate mold-damaging strings, and also reduce cycle time, prevent leakage, and improve molded part quality:

- · Heat sinking fins: dramatically decreases solidification time.
- Conically tapered bore with large radius: no hang-up areas.
- Textured front face: improves seal, less air infiltration.

 Smaller contact area: reduces carriage blow-back. Lower tip mass: faster thermal equilibrium. Engraved orifice size: quick set-up times. Contact Pro at 1-800-269-6653 for a sample and to discuss new innovations for molders. PROCOMPS.COM/NOZZLETIPS Page 9 www.PlasticsHotline.com May 2022

Water Chillers

Over 30 Years Experience in Chiller Production!

Portable Chillers: .25-40 tons at .7-92 GPM

Indoor Portable Chiller ... Air or Water Cooled ... some units in stock to 20 tons.

Central Chillers: 5-180 tons at 48-540 GPM

Indoor & Outdoor units ... Air or Water Cooled

Complete chiller & pump system packages or stand alone chilling modules.



Low capital investment, simple start up & operation, easy to maintain, microprocessor control instruments that are easy to read and understand, factory sales and service support along with new product warranties are the reasons why TempTek water products are superior. Call now for Pricing & Delivery!

317-887-6352

www.TempTek.com

525 East Stop 18 Road Greenwood Indiana 46143





Page 10 May 2022 Plastics Hotline

Do You Have Flow?

New! - High Temperature Low Flow Indicator



Don't guess when it comes to your critical high temperature and pressure cooling lines with internal restrictions.

Install a Low Flow Indicator!

3/8"NPT or BSPT

Flow Range: 0.3 - 4LPM (0.08 - 1.0GPM)

Max Temperature: 204°C (400°F)
Max Pressure: 17.2bar (250psi)

· High visibility rotor

For greater control over your critical mold cooling channels, pair the indicator with a high temperature flow regulator.

Follow the QR code for more details!





www.smartflow-usa.com



www.PlasticsHotline.com May 2022 Page 11











Page 12 May 2022 Plastics Hotline



Visit our Buyers' Guide to find industry suppliers for all of your plastics needs.



Get Listed In Our Buyers' Guide both in Print and Online!

Suppliers: Reserve your company's listing today to be listed all year online and in the August 2022 print edition. The sooner you reply, the longer your listing will be seen in the Plastics Hotline 2022 Buyers' Guide. There is a range of listing options for the entire year online and in the August printed issue...this puts your company in front of more than 90,000 buyers.

All listings include a live link to your website.

Contact Lydia Stewart at lydia@plasticshotline.com to get a listing form.

www.plasticshotline.com/buyers-guide

TIE BARS





Back into Production

With Minimal Downtime

Tie Bars & Nuts



Birch Machinery • 989-624-9371 email: generalinfo@birchmachinery.com Website: www.birchmachinery.com

Any Machine - Anywhere in North America!

IMPROVED PROCESS EFFICIENCY

DURABILITY

Our extruders provide a greater stability and longer system life that help maintain a healthy

QUALITY

Our years of experience are reflected in every filter that we build. This leads to a superior filter to anything

EXPERTISE

Our technological skills and expertise allow us to build the pelletzing die you need for

TECHNOLOGY

design and construction of water baths, giving our customers an edge in









EXTRUDERS • SCREEN CHANGERS • PELLETIZERS • AIR STRIPPERS • WATER BATHS



CONTACT US TO SPEAK TO AN EXTRUSION EXPERT

Working together to provide solutions today for tomorrow's demands

Worcester, MA, USA | Phone: (508) 852-0040 | www.berlynecm.com

REPS WANTED - PLEASE CONTACT US



Linked Valve Val

A valve linkage system that allows a single lever to operate both mold cooling supply and return lines simultaneously, allowing for faster mold changes and decreased downtime.



Designed and Engineered by plastixs

(US Patent 10,160,149 B2)

888-792-2223 | www.plastixs.com | sales@plastixs.com

www.PlasticsHotline.com May 2022

Blow Molding Machinery, New, Used, Rebuilt. Parts, Service, Technology and Training Classes

Check out website: www.jackson-machinery.com Or Call 262-284-1066



Alphamac All Electrical

Sterling

HAYSSEN



Downstream Extrusion Equipment

- **Cooling Tanks**
- **Vacuum Tanks**
- **Belted Pullers**
- **Cutters & Saws**
- **(**) 330.928.2332 factsmachinerygroup.com



Better Plastic Solutions Inc.

EMI Roller Type Parts Separator

Crizaf Rotary Assembly Table 115 volt

2010 Whittman Servo Robot 25-120 ton

Una-Dyn DHD-6SB Desiccant Dryer, 230 volt with 600lb Drying Hopper on a Stand

> 90 ton Thermal Care Water Cooled Chiller

Novatec Portable Dryers 25-100 cfm

www.bplasticsolutions.com Contact: Ben @ 612-940-2774



Garden City Plastics Equip. 104 Lake Rd. Garden City, MO. 64747 816-862-8703, www.gcplastics.com

For Sale:

- Uniloy 24 Station Wheel
- Molding Machine Heads
- Akei AO-70
- Bekum H-111
- Bekum H-121
- Bekum H-151
- Fischer FHB-106-1&2
- Uniloy 2016, 250R, 350R2, 2, 4 & 6 Heads
 - Jomar 175-Ton IBM

Magic MGL-5

- Chillers, Grinders, Marley Towers & Tanks
- High Pressure Air-Compressors



United Plastics, Inc. 1227 Garfield Avenue • Flint, MI 48505 PH: 810-238-2186 • FAX: 810-238-2273 email: roy@unitedplasticsinc.com www.unitedplasticsinc.com

BUY/SELL:

Plastic and surplus regrind, repro, virgin materials, dunnage, trays, pallets, crates, parts, sheet, pipe, purge

SERVICES:

Washing & Drying Capabilities, Toll Grinding 200,000 lbs. + per day

AUCTION

E&K Equipment Excess equipment to ongoing operations - over 500 lots

Saturday, June 4, 2022

Live and online at Hibid.com, see HartlandAuctions.com for link

4342 State Route 8, Titusville, PA 16354 Doors open at 8 am, Auction begins at 10 am Preview: Weds, Thurs, Friday, June 1-3, 9 am to 6 pm





- Plastic Injection Molding Machines & Accessories Battenfeld BA400, Battenfeld BA800, 2 Ludwig Engel EC88, HPM Access 60 Tiebar-less series, MPG plastic granulator, plastic granules in asst colors, 2 Star Automation screw pickers, Auto loaders, hopper loaders
- Construction/
- Trucks
- Trailers

- **Outdoor Equipment**
- Machine & Fab
- Welders

- 8 Fork lifts
- **Shop Equipment**
- Saws

See www.HartlandAuctions.com for more information



Hartland Machinery Auctioneers P.O. Box 209, Portersville, PA 16051 724-368-9788 - 724-368-9839 fax hartlandmachinery@gmail.com

PA Lic#AY-000190-L, AU-002918-L



CHECK OUT **OUR WEBSITE!** PlasticsHotline.com

Page 14 May 2022 Plastics Hotline



The Monthly
Marketplace
for Plastics
Processing
Equipment,
Materials,
Supplies and
Business
Services









Call: 586-227-9344

CHECK OUT OUR WEBSITE! www.plasticshotline.com

GRINDING

GRANULATION/COARSE GRINDING
 PULVERIZING/FINE GRINDING
 CRYOGENIC GRINDING
 SIFTING/CLASSIFYING
 BLENDING/MIXING
 REPACKAGING



908-479-4400 web site: www.allgrind.com e-mail: info@allgrind.com

ROW ELECTRICAL EQUIPMENT INC.

P.O. Box 2812 • Toledo, Ohio 43606 • 419-248-4479 • 800-248-4479 Fax No. 419-244-8887 • sales@rowelectrical.com • www.rowelectrical.com



100,000 Sq. Ft. Warehouse We sell new and used industrial electrical equipment, including:

- · D.C. and A.C. Motors · Switchgear
- D.C. Drives
- Gear Reducers
- A.C. Starters
 Transformers
- 1 HP Thru 3500 HP
- Engine-Gen. Sets

CALL 24 HOURS • WE BUY USED ELECTRICAL EQUIPMENT

Air Cooled Portable Chillers

Durable and Efficient

2-100 ton. in capacity



Wide service temperature and operating range.



Learn more: 1.800.473.9178 www.waterchillers.com

We Buy & Sell "POLYEVERYTHING"™

POLYM M

All Recyclable Polymer Materials Needed

Special Requirements Now:

- TPE/TPV Reg, Pell, Purge
- PET and PETG
- PC Engineering Resins

All Colors • Any Quantity

Serving Clients Nationwide and All Export Markets

M A R K

POLYMARK™
1147 Willow Ave., Marietta, GA 30067
PH: 770-952-1147 • FAX: 770-951-2474
ron@polymark.com

www.PlasticsHotline.com May 2022 Page 15





PLASTICS HOTLINE
A RDG Media, Inc. Publication
P.O. Box 80915
Rochester, MI 48308

CALL 586-227-9344



Tel: 847-439-2126 • Fax: 847-439-0917

www.bladesmachinery.com e-mail: blades@bladesmachinery.com



THE GRANULATOR SUPERSTORE®

- (6) Wortex UP-730, 735, 755HS
- (3) Cumberland 30T, 56T
- (3) Rapid CR-66
- (65) 8x10 Nelmor 5 HP
- (20) 9x12 Rapid 7.5 HP
- (3) Cumberland Model 18, 20, 30
- (40) 10x12 Nelmor 10 HP
- (10) B&J BP27, BP32
- (6) Cumberland 1215
- (110) Nelmor 1215, 1220
- (1) B&J 1248 w/Feed Rolls
- (5) Congir CG1418, 1424
- •(1) Rapid 1418K
- (2) 14x20 Cumberland 20 HP
- (14) Cumberland 284, 484, 584, 684
- (4) Cumberland 1426I, 60 HP
- (5) Nelmor 1436 w/Feedrolls, 1454
- (5) 24B Cumberland 75 HP
- (7) Cumberland 1456, 56U
- (8) Cumberland 1616, 1620, 1628
- (6) Nelmor 1620, 1624, 1628
- (4) 28B Cumberland 75 HP
- (7) Rapid 1824, 1831, W-1836
- (3) Nelmor 1820, 2020
- (2) Cumberland 1836
- (8) 37B Cumberland
- (1) CMG 1842I
- Herbold SMS 45/160 H5-2
- (1) Granutech 2048, 100HP
- (2) Cumberland 50B, 72B
- (2) Cumberland 2428I
- Cumberland Model 80,81
- (5) Rapid Model 2442R, M, H
- Ball & Jewel 3030 (100 HP)
- 26x80 Condux 150 HP
- Nelmor 3048
- (2) Cumberland 3250

- (1) Condux CV-50 Compactor
 - SHREDDERS
- (2) ShredTech ST 10
- ShredPax AZ-80
- Mitts & Merrill 2-Shaft Shredder
- ShredTec 30"x52" Shredder

THERMOFORMING LINES

- (1) Brown CS-4500, 1995 w/ Trim Press
- Brown Trim Presses: T-301, T-340, T-360
- Lyle 40"x40", 50"x50"

TEMP. CTRL., UNITS CHILLERS

- (7) Sterlco 12 KW Oil Unit
- (6) Thermocare 2, 3 Ton
- Advantage 12KW Oil, 10 KW Water

PELLETIZERS

- (12) Cumberland 6", 8", 11", 14", 20"
- (3) Conair T208
- (3) Automatik Sphero 220
- (1) Sheer Bay B20-P long cut
- (2) Witte Screeners
- (2) Crown Spin Dryers
- Sweco 18" & 30" Screeners
- (1) Carter Day Spin Dryer

DRYERS

- (25) Conair CD30, CD100, CS101, CD-200, CD-300, CD-600
- (1) Novatec Novadrier N-150R Unitized
- Una-Dyne DHD-8, DHD-25 w/Hoppers
- (1) Novatec MPC 1000 Dryer

EXTRUDERS AND LINES

- Leistritch 27mm
- Berstorff 25mm
- (5) 1" Wayne Extruder, Killion
- (3) Davis Standard 1 1/2"
- (3) Davis Standard 2.5" 32:1, 24:1
- Davis Standard 3" 24:1, 30:1
- Davis Standard 3 1/2" 24:1, 30:1
- 3 1/2" Egan Extruder 30:1

- PTI 4" Extruder
- 6" CDL Extruder, Vented, 30:1
- 6 1/2" Davis Standard 27:1, 1999
- (45) Sheet Dies 4"-89" Width
- (6) EDI 20" PVC Siding Dies
- Davis Standard 52" 18x30x30 Roll Stack
- 24"x50" PTI Roll Stack
- 6" 30:1 Prodex
- 78" PTI Sheet Line
- Davis Standard 4 1/2" 24:1

JUST ARRIVED:

- (6) Beringer 12" Screen Changers
- Sheer Bay SGS-300 Pelletizer
- Pallman PX 315 Pulveriser
- GALA 5MUP Pelletizer
- Condux CS 800/1200 9 Knife
- · Simon Day Spin Dryer
- 24"x60" Gloucester 3-Roll Stack
- Nelmor Shredder/Grinder Combo
- Nelmor 2030 Granulator
- (2) Maxon SDFK 67" Sheeter
- (2) BD Plast 350mm Screen Changer
- 600 HP 460V AC Motor (unused)
- B&J VG2257 Granulator
- Pallman PS6-6 Rubber Bale Grinder
- Granutec 3648, 125 HP
- (3) 250 Cubic Feet, SS Ribbon Blenders
- W&P 20mm, 40mm & 83mm Twinscrew Extruders
- Parkinson Series 50, 60" Winder
- 200 HP Champion Hammermill
- CME C5 Cooler
- (1) Procedyne TCF-2430 FD
- Rosenthal Sheeters 36", 60", 72"

PIPE & PROFILE EQUIPMENT

- S.I.C.A. 10" Planetary Saw
- Battenfeld Upcut Saw
- Battenfeld 6"x56" Puller