

February 2021

Plastics

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PUBLICATION**NEW!** Product Solutions, See Pages 6-7

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**In-Line Mass Flow
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build-up
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DuraVibe™ Model PZP

- ✓ Superior durability with industry-leading probe strength!
- ✓ Excellent versatility detects very light to heavy materials
- ✓ Unaffected by varying material compositions (temp, moisture, etc.)
- ✓ Ultimate hazardous location protection with intrinsically-safe probe
- ✓ External status LED (Ord. Loc. units)
- ✓ Pipe extension, cable extension and high-temp units are available

DuraVibe™ Model VibraRod™

- ✓ Versatile & durable, yet economical
- ✓ Unaffected by varying material compositions (temperature, moisture, etc.)
- ✓ Single probe design prevents false signaling from material build-up
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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.



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

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Introducing Cool EX!

Designed to optimize closed-loop cooling water systems, the new iD Eco-Pro 360 Cool EX products are the next step in cooling line cleaning and maintenance for your plastics machinery and equipment!

Eco-Pro 7:54 industrial cleaner for safe and effective scaled and metal oxide corrosion product cleaning Eco-Pro Cool EX conditioning formula for preventing cooling water system corrosion and mineral scale fouling

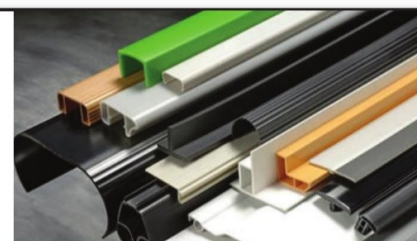
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- Purge Right works on all resins operating between 340°F and 610°F
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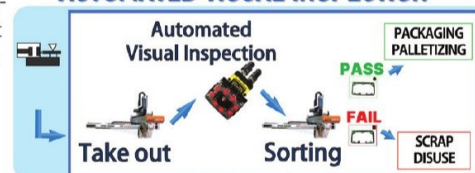


Automated Manufacturing Solutions To Fit Your Application Needs.

Due to the highly customized nature of plastic manufacturing, vision inspection process is needed for quality control. EPIK / UNIK Series robot features a 3-axis, Cartesian style traverse robot with a telescopic vertical arm. While taking out of the product, the robots will detect defects on products for quality assurance purposes.

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Take-out Robot with AUTOMATED VISUAL INSPECTION



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Our gravimetric PET blenders are designed exclusively for the PET packaging industry. The GPET-302 is an expandable 2-component blender (featuring 1 flood-fed natural resin and 1 metered ingredient). Capacity is 7500 lbs/hr (3400 kg/hr). Feeder handles all pellet types (including micro pellets) and regrind. Integrated weigh scale system with push-button calibration for additive feeder.



<https://plastrac.com/shop/pet-series/auto-disc-gravimetric-pet-seriesthe-auto-disc-gpet-302-model/>

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Mold Care Products from Clean Plast®

Along with purging products, Clean Plast® also offers a line of mold care sprays that can be used for mold and tool applications. Our mold care products consist of: CPMC100 Mold Cleaner and Degreaser, our environmentally friendly CPMC101 Go Green® Mold Cleaner, CPMC200 Mold Rust Preventive, CPMC300 Heavy-Duty Mold Release, CPMC301 Food Safe Mold Release, and CPMC400 Silicone Mold Release. Contact us for more information and a free sample!

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<https://lorenzproducts.com/product/manifold-station/>



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“ QuickShots reduced scrap by up to 60%, slashed downtime by 55% and helped us achieve 63% total cost savings. Blackhawk Molding is now using QuickShots on all of its molding machines and molds at our Sparks, NV facility! ”

- Jason Ferguson, Blackhawk Molding

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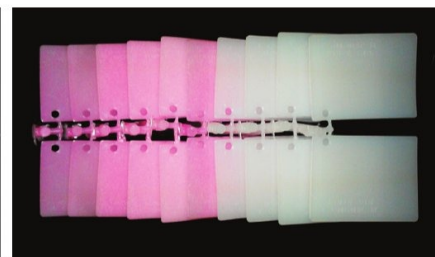
- Works with ANY RESIN
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- Made in the USA
- FDA Compliant and Environmentally Safe

iD Purge 

Did You Know?

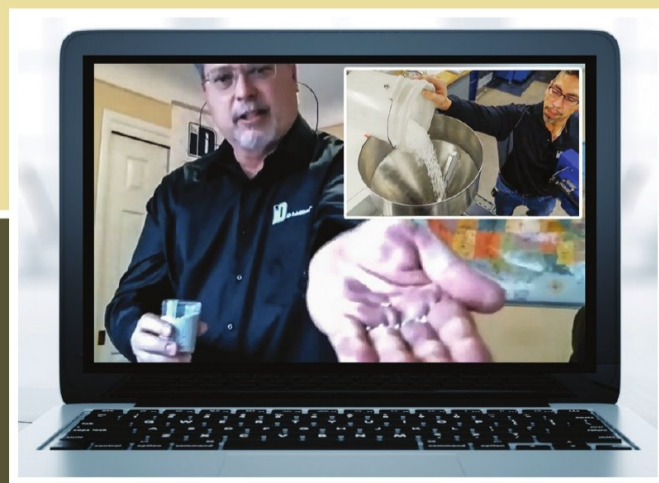
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- Heavy Payload, Low ceiling & Less foot print
- Application : Basic Take out, Stacking, Insert Over Molding, Gate cutting, 2ndary automation!
- Features : High Strength Steel Frame, Powerful AC servo Motor, High Precision NSK Liner Motion Guide.

H5-C10 Controller

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

EPIK SERIES (Single or Double Arm Model)

- Molding Machine Size : 200 ~ 800 Tons
- Single or Double Arm Model (3~7 Axis AC Servo Control)
- Control : HYK-70 (Keba) Controller
- Application : Basic Take out, Stacking, Insert Over Molding, In Mold Labeling and Other 2ndary Automation, Sprue Picking
- Features : High Strength Steel Frame, High Strength AC servo Motor, Low Noise NSK Liner Motion Guide

HYK-70 (KEBA) Controller

- 7" Wide Touch Screen
- 1.2 GHz, ARM Cortex-A9 Core
- Ergonomic Design,
- High-Performance EtherCAT Communication
- High Quality Components, ISO 9001 Quality Production.
- User-Friendly Icon-Based Control Screen.
- Mode and teaching type programming for beginner mode
- Line by line programming for expert mode

ISO9001 QUALITY

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EPIK-W SERIES (Flat Front Style Robot)

- Molding Machine Size : 400 ~ 4,000 Tons
- Flat Front style Robot with Single Arm Model
- Control : HYK-70 (KEBA) Controller
- Application : Basic Take out, Stacking, Insert Over Molding, In Mold Labeling and Other 2ndary Automation.
- Features : Longer parts handling, Low ceiling.



UNIK- SERIES (Mini Servo Robot)

- Molding Machine Size : 50 ~ 200 Tons
- Single or Double Arm Model
- Control : HYK-70 (KEBA) Controller
- Application : Take out, Stacking, Gate cutting, 2ndary Automation, Light Application.



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- **CLEAN PLAST®** ingredients are GRAS by the FDA.
- **CLEAN PLAST®** cleans Screws, Barrels, Accumulators, Hot Runners and Stack Molds.
- **CLEAN PLAST®** can be used in Injection Molding, Extrusion, and Blow Molding.





MOLD CARE



Along with purging products, Clean Plast® also offers a line of mold care sprays that can be used for mold and tool applications. Our mold care products consist of: CPMC100 Mold Cleaner and Degreaser, our environmentally friendly CPMC101 Go Green® Mold Cleaner, CPMC200 Mold Rust Preventive, CPMC300 Heavy-Duty Mold Release, CPMC301 Food Safe Mold Release, and CPMC400 Silicone Mold Release. Contact us for more information and a free sample!

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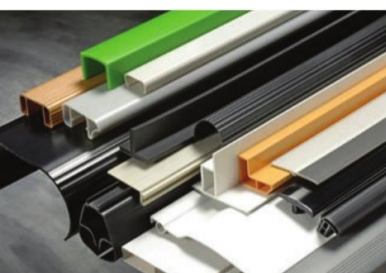


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- Purge Right eliminates the need to stock several grades.



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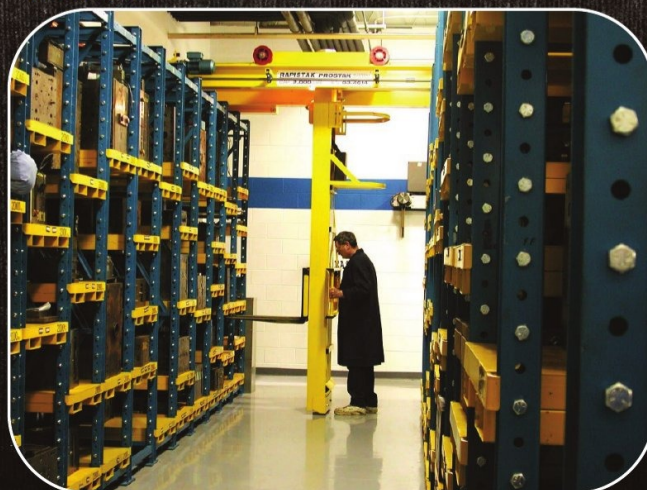
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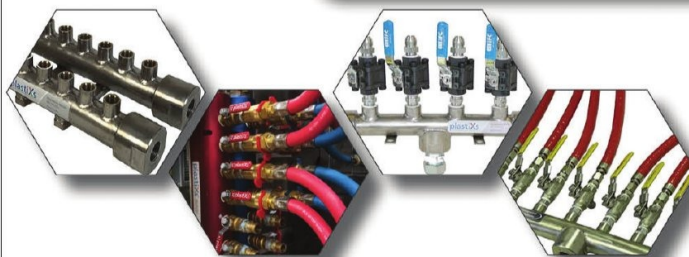


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- (2) TRIA 120-49 w/Feedroll
- (2) Cumberland 2428L
- Cumberland Model 80, 81
- Foremost HD-7
- (4) Rapid Model 2442R, RS M, H
- (1) Cumberland X-700
- Ball & Jewel 3030 (100 HP)
- 26x80 Condux 150 HP
- (3) Nelmor 3036, 3048, 3030TF
- (3) Cumberland 3237, 3250, 3284
- (1) Condux CV-50 Compactors

SHREDDERS

- Lindner MS-2000
- Sattrind Shredder 100" K25/100
- (1) Vecoplan VH34/75CW
- (1) Vecoplan RG62
- (2) ShredTech ST 10, ST 25
- (1) B&J SB-15 Shredder
- (1) B&J SB10/615 Shred Buster
- (1) Vecoplan VH22/100CW
- ShredPax AZ-80

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

- (8) Cumberland 6", 8", 20"
- (4) Conair 2065, T208
- (3) Automatik Sphero 220

- (1) Gala SLC-6 System
- (1) Beringer WRP-12
- (2) Sheer Bay SGS 100E, 300L
- (1) Conair 3512GP long cut
- (1) Sheer Bay B20-P

DRYERS

- (3) Carter Day Spin 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

- (5) 1" Wayne Extruder, Killion
- (3) Davis Standard 1 1/2" Extruders
- Davis Standard 1 1/2" Extruder
- 2 1/2" Welex 30:1 L/D, 60 HP
- (5) Davis Standard 2.5" 32:1, 24:1
- Davis Standard 3" 24:1, 30:1
- 3 1/2" Egan Extruder 30:1
- 6" CDL Extruder, Vented, 30:1
- 6 1/2" Davis Standard 27:1, 1999
- Davis Standard 6" Sheet Line
- (60) Sheet Dies 4"-89" Width
- (6) EDI 20" PVC Siding Dies
- Davis Standard 52" 18x30x30 Roll Stack
- 24"x50" PTI Roll Stack, 2000 Vintage
- AET 6" 24:1 Extruder
- 6" 30:1 Produx Pelletizing Line
- 78" PTI Sheet Line
- Davis Standard 4 1/2" 20:1 Rubber Extruder
- 8" Davis Standard 24:1 Extruder

JUST ARRIVED:

- Gala/Leistritz Extruder 27mm
- Berstorff 25mm Extruder
- Rapid 500-120 with Feedrolls
- Erema KA800/63 Film Reclaim Line
- (7) 8" Screen Changers
- Granutec TFG3636 Granulator
- (2) Witte Screeners
- 200 HP Champion Hammermill
- Sprout SW26 Pelletmill
- CME C5 Cooler
- Herbold SMS 60/100 H5-3
- Herbold SMS 45/160 H5-2
- ShredTech ST-10 with Trommel
- (2) New Cumberland 37B
- Cumberland 56U, 30 HP
- (1) Gnuess Screen changer
- (1) Procedyne TCF-2430 FD
- Rosenthal Sheeters 36", 60", 72"
- Herbold SMS 60/100 w/Conveyor
- Herbold SMS 45/120
- Pallman PP8 Pulverizer
- (2) New Cumberland 1628X

PIPE & PROFILE EQUIPMENT

- CDS 4 Belt Puller
- S.I.C.A. 10" Planetary Saw
- Battenfeld Upcut Saw
- (1) CDS SS 23' Vacuum Spray Tank
- Battenfeld 6"x56" Puller
- (5) Vacuum Tanks

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| 340 ton 33 oz | Engel | 2019 |
| 300 ton 34 oz | Cincinnati | 1999 |
| 240 ton 20 oz | Engel | 2019 |
| 110 ton 6.7 oz | SUMITOMO | 2003 |
| 38 ton 1.3 oz | DEMAG | 2001 |

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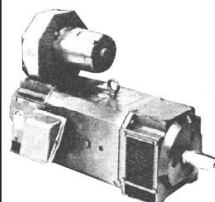
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