

January 2022

# Plastics

## HOTLINE

rdgmedia  
PUBLICATION

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### A WIDE RANGE OF SOLUTIONS To Monitor Level, Flow & Moisture



Providing solutions  
for over 60 years!



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Indication**



**Continuous Level &  
Inventory Measurement**



**In-Line Mass Flow  
Measurement**



**In-Line Moisture  
Measurement**

Monitor Technologies LLC is dedicated to offering practical solutions that ensure efficiency and maximize profits relating to the storage and processing of powders / bulk solids as well as some liquids & slurries. *Let us put our solutions to work for you!*

- Continuous level measurement sensors and the latest remote material inventory management solutions
- High, low and/or intermediate point level indication of stored materials
- Provide silo overfill protection and plugged chute detection
- Turn "on" or "off" other processes based on the detected presence or non-presence of material
- In-line mass flow measurement & moisture measurement systems easily incorporated into existing processes

### DURABILITY, VERSATILITY & RELIABILITY

## DuraVibe™

### Next Generation Vibratory Level Sensors for Powders & Bulk Solids



Prevents  
material  
build-up  
Diamond-  
Shape  
Single  
Probe

No  
Calibration

#### 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
- ✓ Ultimate hazardous location protection with intrinsically-safe probe
- ✓ External status LED (Ord. Loc. units)



No  
Calibration

Single  
Probe  
Design

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# INNOVATIVE ROBOTICS LINE FOR PLASTICS INJECTION MOLDING !

## H5 Series !

Heavy Payload , Low ceiling !



## 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-Performance EtherCAT Communication
- User-Friendly Icon-Based Control Screen.
- 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

CE CERTIFIED



## 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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# LEADERS in Plastics

## Returning for a 3rd Year in 2022!

Plastics Hotline is doing something very unique and exciting again in our February issue! Now you have a chance to participate from the beginning of 2022 for year-round exposure with print and digital components of this program.

We have created a special package and section in our February issue called "**LEADERS IN PLASTICS**." You receive year-round coverage with a mix of print, video exposure, and an enhanced Buyers' Guide profile - all for a great bundled price. You will reach 10,000 print subs, 25,000 digital subs with your ad and **LEADERS IN PLASTICS** STORY plus thousands of visitors to our website during the year to see your video and online profile.

Be part of our **LEADERS IN PLASTICS**, our signature supplier branding program. Don't miss this opportunity to position your company as a leader when visitors are searching for solution providers. This supplier branding program begins with February Web and print exposure. Included in this program are the following:

- Full page or 1/2 page ad in February.
- Full page or 1/2 page profile in February talking about how your company is a Leader in the Plastics Industry.
- Your video to put up on our website all year.
- We will print your Leaders in Plastics profile and distribute it at the major shows of the year.
- Recognition on our homepage with your company name and link which goes directly to your online profile.
- Company name and link on the LEADERS IN PLASTICS homepage that links to your online profile in our Buyer's Guide (100 word company description, 2 product images, one video, up to 3 press releases you have on our site).
- Leaders in Plastics house print ad containing your company logo announcing you are part of this program in 4 issues in the next 12 months.

### LEADERS in Plastics

**ISO REGISTRATION INFORMATION**

- Tigerflex® products are ISO 9001:2008 Registered CQMS.
- Kaut Tec® hose and tubing products are manufactured in our ISO 9001 Registered facilities in Canada and the U.S.
- Almagnum® Hydraulic and Industrial Rubber Hoses have earned registration under ISO 9001:2008 ISO 14001.

**MARKET INDUSTRIES SERVED**

- We provide solutions for Food and Beverage Industries
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- Mounted Aerial Devices
- Railroad Specialty Applications
- Oil & Gas Industry

**Kuriyama of America, Inc.**  
Kuriyama of America, Inc., a part of Kuriyama Holdings Corporation, has provided quality hose and accessories to the industrial marketplace since 1968. Located in Schaumburg, Illinois, Kuriyama provides a complete line of thermoplastic, rubber and metal hose products and accessories including couplings and fittings, for use in industrial and commercial applications.

- World class quality products & manufacturing process
- Market leading products
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**Kuriyama of America, Inc.**

### LEADERS in Plastics

**REINER TECHNOLOGY INC.** develops and produces of size reduction machinery and industrial services for the recycling industry.

Our product line consists of three main machine types: granulators, shredders, and injection molding machines. We market under the brands Zema, Virtus, and Ioc, and are committed to the improvement and development of size reduction machinery.

**Zema Brand**  
With more than 70 years of experience, Zema is one of the leading manufacturers of high quality size reduction machinery. From the small CSE 1000 shaker granulator to the versatile C80 heavy duty granulator, Zema offers a complete line of shredders, starting with light shredders for wood applications, up to large, heavy duty shredders, ZEMA recycling machines range in drive power from 2.2 kW up to 200 kW and cover the whole spectrum of plastic size reduction applications.

**LOG Brand**  
LOG Injection Molding manufactures a wide range of high-precision, plastic injection molding machines for diverse applications. We work with you to provide the best molding solution based on your application and requirements. You can count on us for advanced technology, application expertise, and after-sales support to help improve your injection molding productivity and profitability. The LOG Injection Molding equipment line consists of the cost-effective A Series with all inlets and the electric displacement pumps, the energy efficient S Series servo units, and the electric injection mold machines. The versatile equipment line spans from 30 to 1,200 U.S. tons.

**Virtus Brand**  
Virtus is focused on the development and production of size reduction machinery for the plastics and general recycling industries. Our cost-effective Virtus line is a machinery and component products. As such, we are an ideal partner for system integrators and OEM projects.

Committed to the improvement and development of size reduction machinery, the Virtus line consists of two main machine types: heavy-duty granulators and industrial shredders.

Our granulator product lines cover a full range of sizes and applications. We start from the slow speed, double the price models of the A Series, and the compact soundproofed granulators of the C Series. The large E-Series Heavy-duty granulators are also used in these applications as well as high throughput operations for demanding post-consumer recycling.

Our second machine category is the Virtus family of products in the Shredding Systems. These machines are designed to process used car and truck tires. We offer complete systems to produce separate compounds.

**Virtus**  
Visit our website to learn more:  
www.virtus-equipment.com • www.zema.com • www.ioc-log.com

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### IOC® LOG Injection Molding Machines

Providing Solutions for Your Injection Molding Needs

LOG manufactures a wide range of high-precision, injection molding machines for diverse applications. We work with you to ensure we are providing the best molding solutions based on your application and business requirements. You can count on us for advanced technology, application expertise, and after-sales support to help improve your overall injection molding productivity and profitability. The LOG Injection Molding platform of the cost effective A Series are all hydraulic with variable displacement pumps and the energy efficient S Series servo units span from 90 to 2,200 U.S. tons.

S-SERIES MODEL	INJECTION UNIT G/G	US TONS	CLAMP STROKE INCHES	SCREW DIAMETER INCHES	TIE BAR SPACING INCHES	PRICE
90T	5.1	100	12.6	1.4	14 x 14	\$42,500
130T	8.4	145	15.0	1.7	16 x 16	\$48,500
160T	10.5	175	16.9	1.8	18 x 18	\$56,000
210T	15.1	230	18.9	2	20 x 20	\$66,000

**Stock Units Ready For Immediate Delivery**

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Contact Lydia Stewart at [lydia@plasticshotline.com](mailto:lydia@plasticshotline.com) to find out how to participate.



# iD Eco-PR 360

**"Eco-Pro will keep your cooling lines clean and your molds running better!"**

Steve Johnson, President, MoldTrax Maintenance Solutions



Watch the Eco Pro 360 in action on our YouTube channel.



Mold Core Before Flushing



Mold Core After One Hour of Flushing

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- Prevents rust within cooling passages
- Ready-to-use
- Water based chemical
- Runs off compressed air – No electrical needed

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- Reduces labor, time, and cost
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*"The **Eco Pro 360** is quickly becoming a 'shop favorite' tool due to its ease of use and cleaning performance. Many of our course molds arrive with water lines that are plugged with rust, mineral deposits and just general crude. The **Eco Pro** makes quick work of these no matter the level of contamination. We highly recommend the Eco Pro as a '**must have**' shop tool that will keep your cooling lines clean and your molds running better!"*

Steve Johnson, President,  
MoldTrax Maintenance Solutions

Have questions concerning rust maintenance in the Plastics Industry?  
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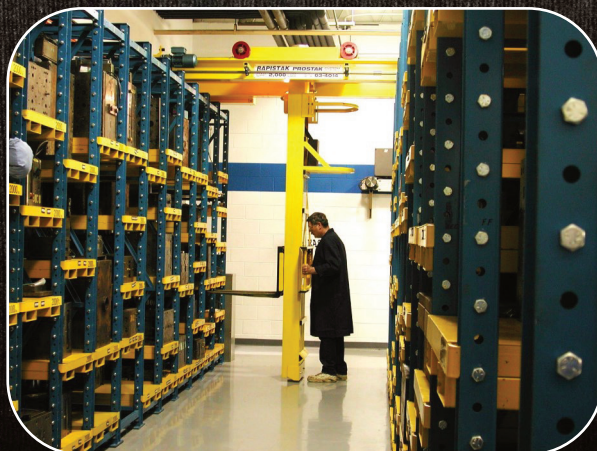
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*To this!*





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- Strong organizational, problem solving and communications skills a must
- Must be able to work independently with minimal supervision
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For more information or to apply online, visit:  
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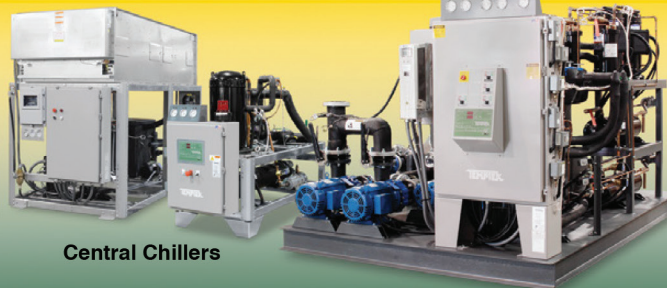
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Portable Chillers



Central Chillers

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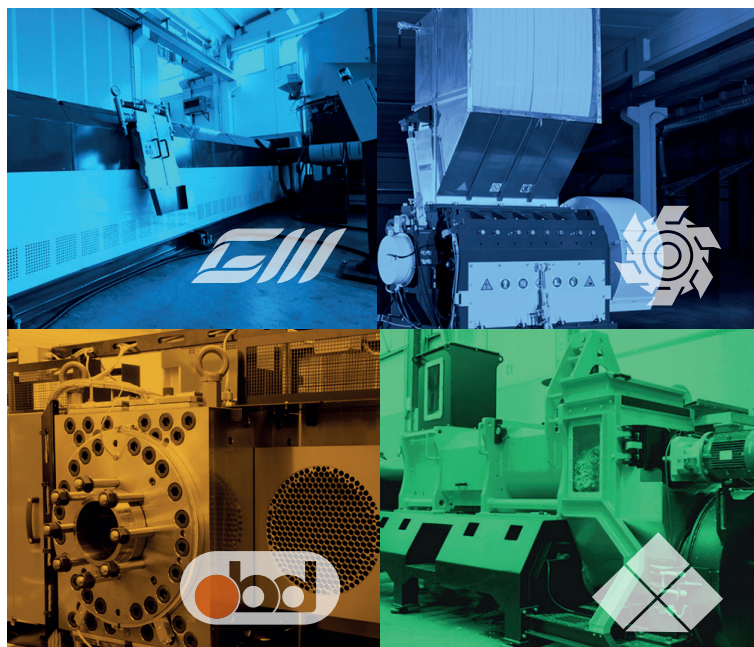
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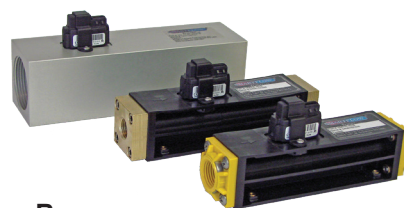
#### Tracer<sup>®</sup> VM with User Interface displays cooling water condition

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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.

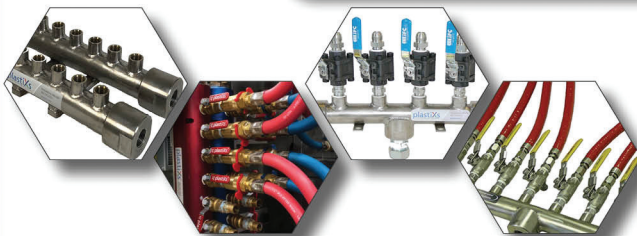
Contact Lydia Stewart at [lydia@plasticshotline.com](mailto:lydia@plasticshotline.com) to get a listing form.

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Our technological skills and expertise allow us to build the pelletizing die you need for your operation.

## TECHNOLOGY

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Contact: Ben @ 612-940-2774

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- (10) B&J BP27, BP32
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- (1) Rapid 1418K
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- (4) Cumberland 1426L, 60 HP
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- (6) 24B Cumberland 75 HP
- (4) Cumberland 1456
- (8) Nelmor 1616, 1620, 1628
- (6) Nelmor 1620, 1624, 1628
- (4) 28B Cumberland 75 HP
- (7) Rapid 1824, 1831, W-1836
- (4) Nelmor 1820, 2020
- (2) Cumberland 1836
- (8) 37B Cumberland 37H
- (2) CMG 1842I
- (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
- (3) Nelmor 3036, 3048, 3030TF
- (2) Cumberland 3250
- (1) Condux CV-50 Compactor

### SHREDDERS

- (1) Vecoplan RG62
- (2) ShredTech ST 10, 24" x 50"
- 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

- (12) Cumberland 6", 8", 11", 14", 20"
- (3) Conair T208
- (3) Automatik Sphero 220
- (1) Sheer Bay B20-P long cut

### DRYERS

- (1) 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
- (3) Davis Standard 2.5" 32:1, 24:1
- Davis Standard 3" 24:1, 30:1
- Davis Standard 3 1/2" 30:1 Extruder
- 3 1/2" Egan Extruder 30:1
- 6" CDL Extruder, Vented, 30:1
- 6 1/2" Davis Standard 27:1, 1999
- (60) 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:

- PTI 4" Extruder
- Davis Standard 3 1/2" 24:1
- (2) Conair MT-104-22-5 Vacuum Trucks
- Mitts of Merrill 2-Shaft Shredder
- (3) 250 Cubic Feet, SS Ribbon Blenders
- W&P 20mm, 40mm & 83mm Twinscrew Extruders
- Parkinson Series 50, 60" Winder
- (2) Crown Spin Dryers
- Sweco SS Screener, 18" 30"
- Davis Standard 1 1/2" Rubber Extruder
- Cumberland 284 w/Feedrolls
- ShredTec 30"x52" Shredder
- Gala/Leistritz Extruder 27mm
- Berstorff 25mm Extruder
- (3) Witte Screeners
- 200 HP Champion Hammermill
- CME C5 Cooler
- Herbold SMS 45/160 H5-2
- Cumberland 56U, 30 HP
- (1) Proceyde TCF-2430 FD
- Rosenthal Sheeters 36", 60", 72"
- Pallman PP8 Pulverizer

### PIPE & PROFILE EQUIPMENT

- S.I.C.A. 10" Planetary Saw
- Battenfeld Upcut Saw
- Battenfeld 6"x56" Puller
- (5) Vacuum Tanks

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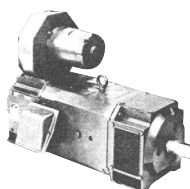
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Plastics Hotline is doing something very unique and exciting again in our February issue! Now you have a chance to participate from the beginning of 2022 for year-round exposure with print and digital components of this program. We have created a special package and section in our February issue called "Leaders in Plastics." You receive year-round coverage with a mix of print, video exposure, and an enhanced Buyers' Guide profile - all for a great bundled price. You will reach 10,000 print subs, 25,000 digital subs with your ad and Leaders in Plastics STORY plus thousands of visitors to our website during the year to see your video and online profile.

Be part of our Leaders in Plastics, our signature supplier branding program. Don't miss this opportunity to position your company as a leader when visitors are searching for solution providers. This supplier branding program begins with February Web and print exposure. Included in this program are the following:

- Full page or 1/2 page ad in February.
- Full page or 1/2 page profile in February talking about how your company is a Leader in the Plastics Industry.
- Your video to put up on our website all year.
- We will print your Leaders in Plastics profile and distribute it at the major shows of the year.
- Recognition on our homepage with your company name and link which goes directly to your online profile.
- Company name and link on the LEADERS IN PLASTICS homepage that links to your online profile in our Buyer's Guide (100 word company description, 2 product images, one video, up to 3 press releases you have on our site).
- Leaders in Plastics house print ad containing your company logo announcing you are part of this program in 4 issues in the next 12 months..

Contact Lydia Stewart (lydia@plasticshotline.com) to participate.

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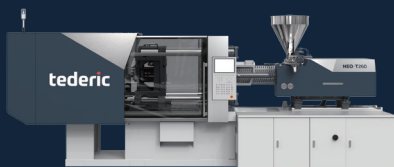
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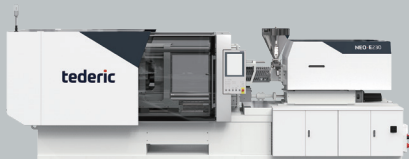
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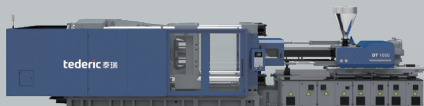
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