

# Plastics

## HOTLINE

November 2021

rdgmedia  
PUBLICATION

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TO DRY MATERIAL

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watts/lb/hr

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Dryer

**4**  
watts/lb/hr

**\$634\*** ANNUAL COST  
TO DRY MATERIAL

\*Based on 220 pounds per hour, 6000 hours per year, kW cost at national average of \$0.12 per kW, measured at 80% of rated max throughput. This chart shows the **excess energy** required to **dry** the material.



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## M.R. Mold Achieves ISO 9001-2015 Accreditation



**M.R. MOLD & ENGINEERING CORP.**

1150 Beacon St , Brea , CA 92821

As part of its continual improvement efforts, M.R. Mold & Engineering is proud to announce their ISO 9001-2015 certification. M.R. Mold & Engineering recently acquired another mold maker's assets which included an opportunity to support the aerospace and defense industry. This ISO 9002-2015 certification will open the doors to new opportunities for M.R. Mold & Engineering.

M.R. Mold first opened its doors in 1985 in a 1500 square foot building. Thirty-six years later, the company occupies a state-of-the-art 25,000 square foot facility in Brea, CA. The company has grown over the years and developed into one of the leading LSR mold builders in the USA. Recently adding a metal 3D printer to its operation, M.R. Mold looks to incorporate additive manufacturing into its everyday process.

The M.R. Mold Tech Center evaluates new molds built to ensure they are mechanically sound, make a part to print and are production ready. M.R. Mold also assists customers with short run molding. The Tech Center features six molding machines that range from 55 to 120 tons in size.

Visit [www.MRMold.com](http://www.MRMold.com) to view all our capabilities.

## Manage Inventory Levels in Silos Without Climbing

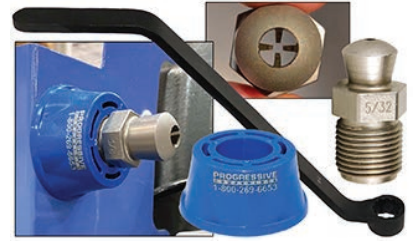
Monitor Technologies' SiloTrack™ Cloud remote inventory management system is a web-based application that allows users to monitor current material levels in vessels, receive notifications, access/create reports and more at any location, any time using any device with an Internet connection. Manage one silo or multiple locations with storage vessels. Securely view distance, level, volume, weight, percentage and ullages (empty space) for silos. Create and deliver customized reports as needed by various departments. It is an intuitive & powerful interface for Monitor's continuous level sensors.



For more details please visit [www.monitortech.com](http://www.monitortech.com), e-mail [sales@monitortech.com](mailto:sales@monitortech.com) or call 1-800-766-6486 (1-630-365-9403).

## New Nozzle Tips, Nozzle Caddie, And Wrench

Progressive Components now offers a patented Nozzle Tip featuring heat sinking fins to eliminate mold damaging stringing. To keep Nozzle Tips within reach, the Nozzle Caddie magnetically mounts to the molding press. And, because removing and installing nozzle tips can be a real 'knuckle buster,' our Offset Slugging Wrench is the preferred tool for mold setup personnel.



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With material prices skyrocketing, I have a solution to help you control your costs and maximize production. Contact me, Rochelle Lemieux, President and CEO of Clean Plast® Premium Purge Compounds and Premium Mold Care Products. I usually cut change over times significantly by using the correct grade of Clean Plast® Purge for the application. And, with on-site technical support it is a slam dunk winner for you in reducing costs and increasing output. When the production run is over, use Clean Plast® Premium Mold care products for cleaning and protecting the mold while in storage, or for a week-end shut down.



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- For 3 Plate Mold. 2 Plate mold also.
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Heavy Payload , Low ceiling !



## H5 SERIES

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- 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
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- 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

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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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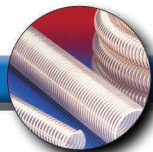
Expertly assembled using the highest quality components from SMARTFLOW<sup>®</sup>. Standard and custom sizes available.



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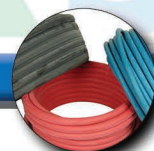
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#### High Temperature Industrial Water Hose

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### LinkedXValve<sup>™</sup> (US Patent 10,160,149 B2)

#### Plastixs Patented Valve Linkage System

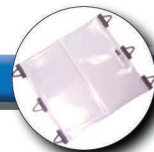
Provides a single lever to operate both mold cooling supply and return lines simultaneously.



### Moldshields<sup>™</sup>

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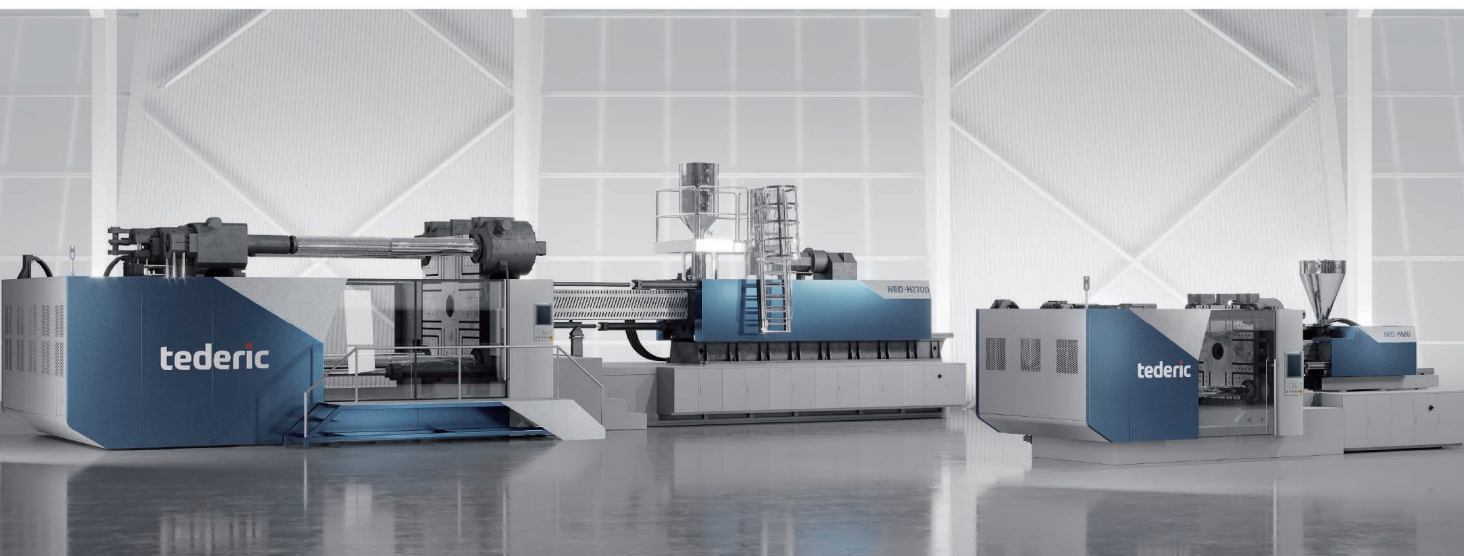
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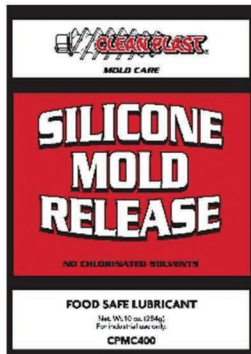
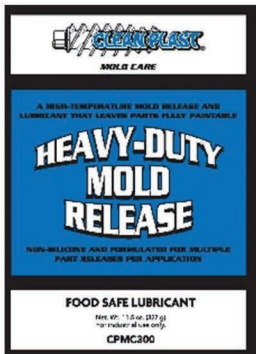
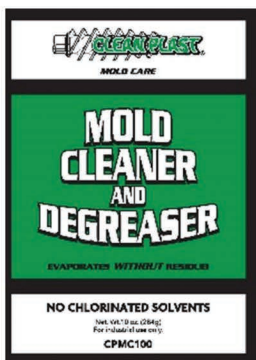
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- **CLEAN PLAST®** cleans Screws, Barrels, Accumulators, Hot Runners and Stack Molds.
- **CLEAN PLAST®** can be used in Injection Molding, Extrusion, and Blow Molding.







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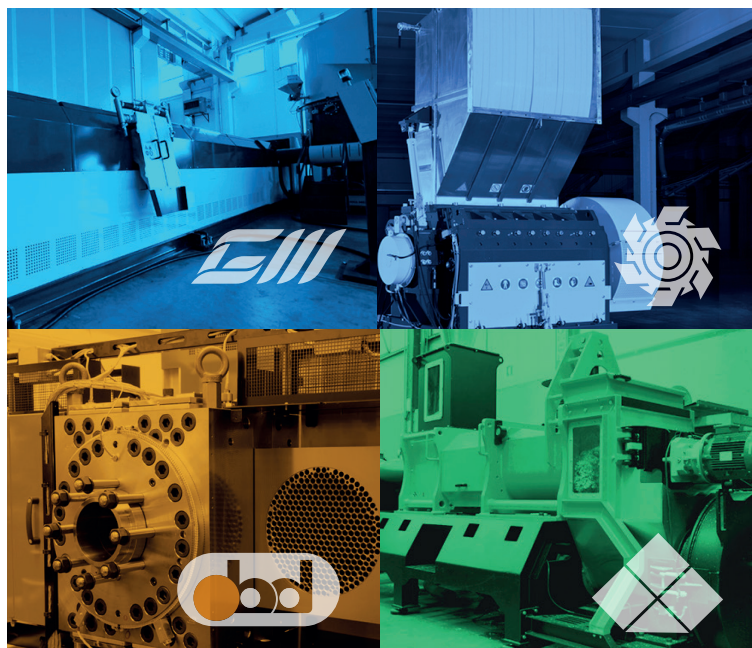
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Flow Regulators



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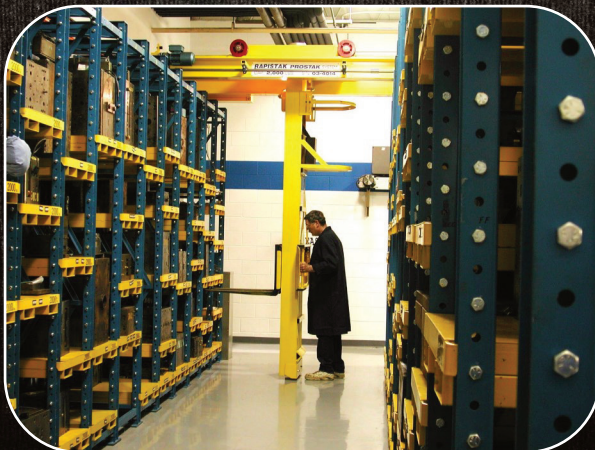
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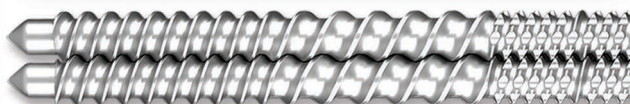
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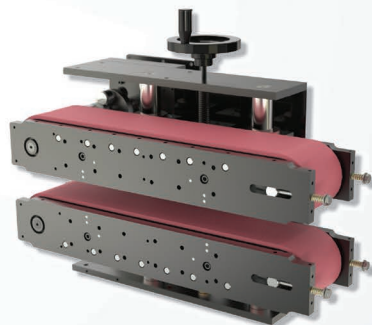
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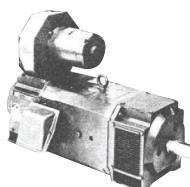
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