



Genesis Packaging Technologies

SUMMER 2024

# GENESIS QUARTERLY

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## INSIDE:

### **MAINTENANCE & SERVICES**

Our focus for this edition will continue to highlight Maintenance oriented topics such as PMs, Service Contracts, Spares, Field Rebuilds, and Upgrades....



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# MAINTENANCE & SERVICE

By Dave Sharman

Congratulations, summer shutdown was a great success...hopefully. If so, this team win was most likely the result of a comprehensive pre-shutdown plan. Thorough planning and coordination, clear communication, strong regulatory focus, and effective use of time and resources, only outline the necessary components of this undertaking. For Genesis, shutdowns, along with regular PM maintenance, are critical opportunities in ensuring that our equipment remains in optimal condition.

## Preventative Maintenance

PMs involve performing regular, scheduled, tasks to prevent unexpected failures or equipment breakdowns. Maintaining optimal performance, GMP, and equipment life is the goal. This approach, versus corrective or reactive maintenance, will greatly reduce the possibility of unplanned downtime, production delays, and potential safety issues.

## Service Contracts

Service contracts, as part of a preventative maintenance program, offer a cost-effective, reliable, and efficient way to maintain equipment. They also offer cost predictability, reduced administrative burden, priority scheduling, and virtual support. Service, and training, contracts are now available for 2025.

## Spares

Whether they are critical, non-critical, or operational, spares help optimize inventory to ensure availability for continuous operation. Understanding the risk and impact of failure, as well as lead time and cost, helps component inventories be managed more effectively. As of this bulletin, 2024 pricing is still in effect.

*"It's better to be prepared for an opportunity and not have one than to have an opportunity and not be prepared."* - Whitney M. Young Jr.





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## Field Rebuilds

A comprehensive preventive maintenance plan allows for accurate monitoring and documentation of field rebuild needs, enabling strategic scheduling to minimize downtime for critical production machinery. Restoring machinery to its peak performance is crucial for ensuring cost-effective sustainability of both the asset and production requirements.

## Upgrades

Enhancing functionality, increasing production capabilities, future proofing with new technologies, meeting evolving regulatory requirements, or simply improving maintenance task time. These benefits, and others, can be achieved with standard or custom upgrades. As a standard upgrade example, we now offer a modular plastic conveyor belt to replace the stainless-steel mesh belt on our large cappers. Replacing the mesh conveyor belt eliminates the eventual slippage due to worn O-rings, as the new modular belt is directly driven with toothed sprockets. Additionally, the modular belt enables quick disassembly, cleaning, and replacement, along with reduced or eliminated particulate risks. The self-lubricating nature allows for quieter operation and the uniform edging allows for smoother vial transition. A win all around!





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## Genesis Packaging Technologies is a Worldwide Leader in the Science and Technology of Parenteral Vial Sealing and Residual Seal Force Testing

We provide advanced vial sealing equipment for the packaging of critical injectable pharmaceutical products. Genesis designs, develops and builds vial cappers with innovative technologies that meet the technical challenges of parenteral pharmaceutical packaging, assuring seal integrity and in compliance with advancing regulatory requirements for aseptic processing and container closure integrity. Offering our customers the tools and knowledge to consistently achieve container closure integrity remains our priority.

Purchasing equipment from Genesis offers customers support from a company with over 75 years of experience dealing specifically with vial handling equipment and technologies. Service is available on all equipment manufactured by Genesis and the former Machinery Systems Division of The West Company.

Thank you for your time and continued business opportunities. To schedule or inquire into any of the topics above, please reach out to the following:

**Dave Sharman** DSharman@gen-techno.com

**Nadine Houck** NHouck@gen-techno.com