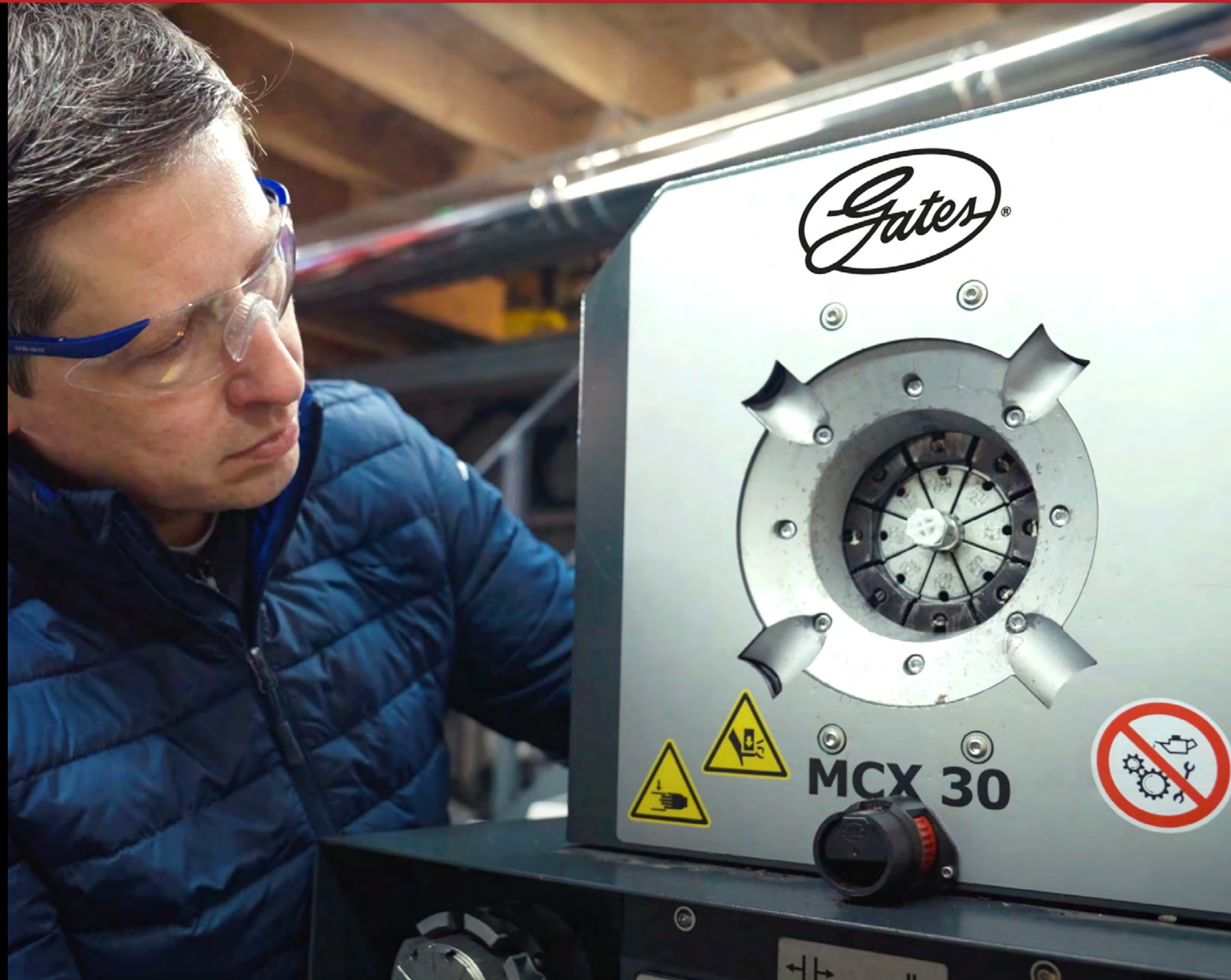




**SELF  
ASSEMBLY  
PROGRAMME  
MAKING THE  
CONNECTION**





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# ADDRESSING FAILURE

Lifting, loading, excavating, carrying....all tasks fundamental to so many industries from construction and agriculture to materials handling and aviation. And all relying on the magic of hydraulics. But what happens when those hydraulic systems fail? A hose splits, a coupling leaks, a seal weeps – it spells trouble for your operations and your business.

Suddenly, it's a case of unwanted downtime, a lack of productivity, cost overruns, and an indeterminate period of time before you can get up and running again. How soon can you get hold of a replacement hose assembly? Days, weeks?

**There must be a better solution.**



# SPEED IS OF THE ESSENCE

Yes, there is. Introducing Gates' self-assembly programme, the way forward for a quick and speedy resolution to hose assembly failures. It's a seamless way of keeping things on the move, making good on delays and catching up on schedules.

What is it? It's everything you need to make your own hose assemblies from the equipment, tools and components to the training and certification. Your hose lines, your way. Factory quality assemblies made in your premises or on-site.

Moreover, it's cost-effective, time-saving, and puts you in total control. **Why let hose failures squeeze your business when self-assembly can help curtail costly downtime and restore valuable productivity?**



# CRIMP WITH CONFIDENCE

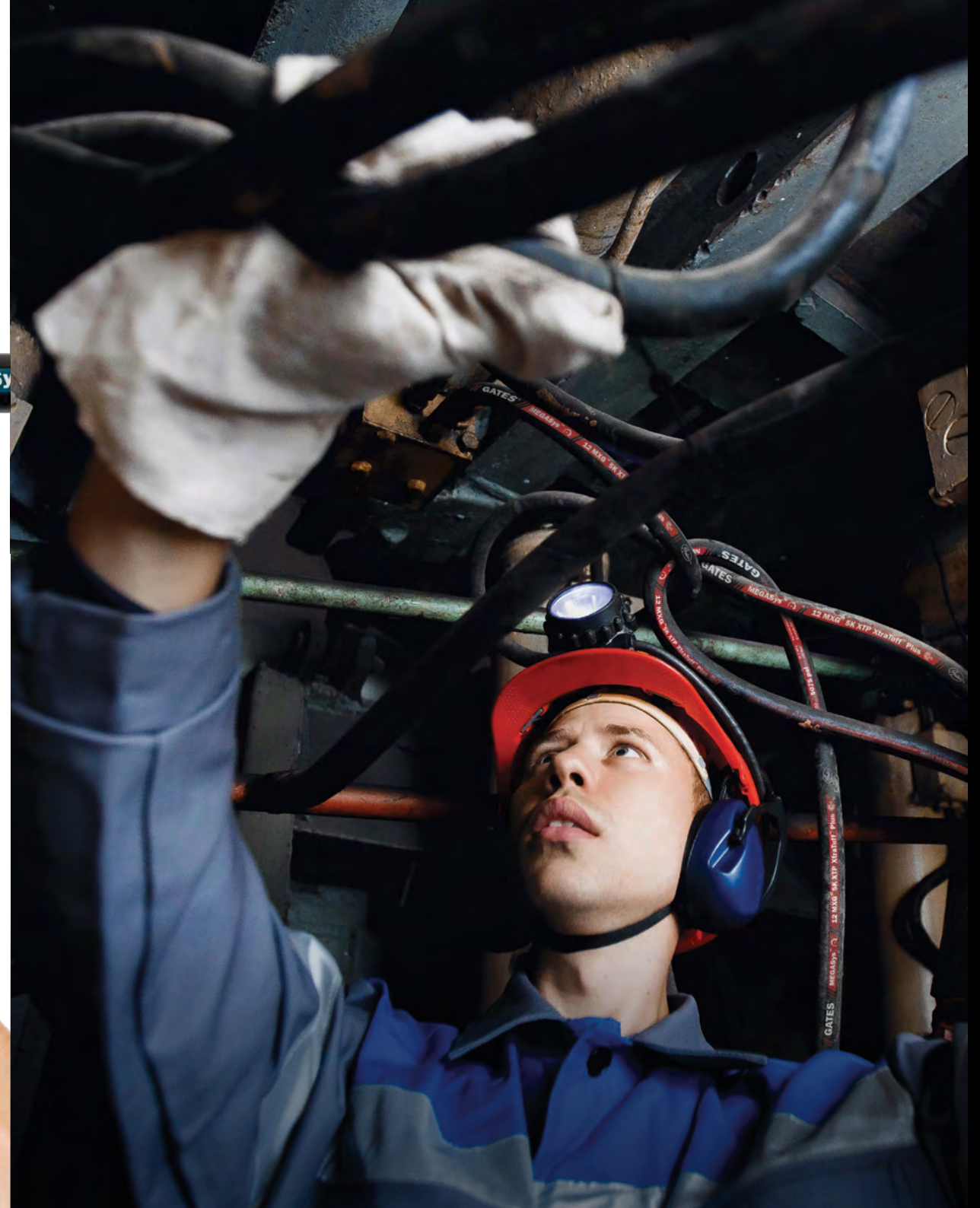
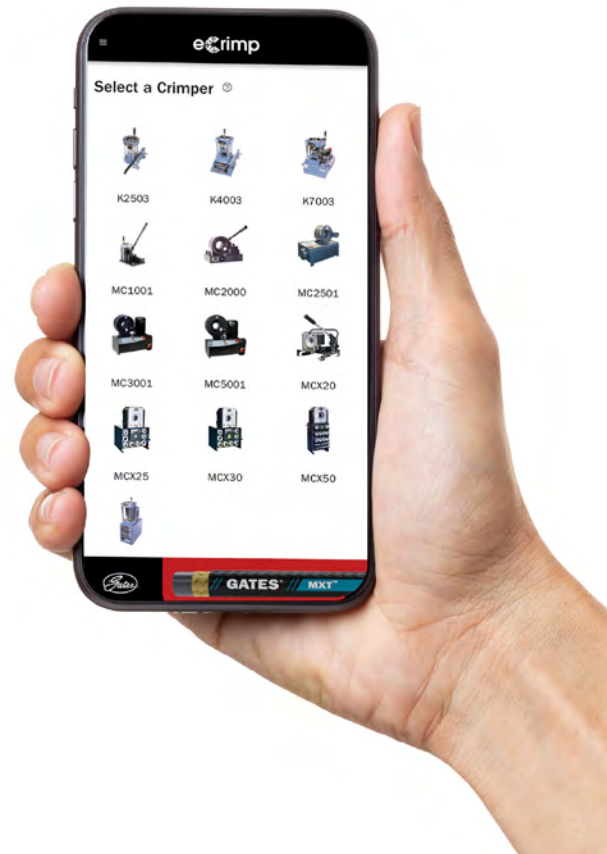


The Gates self-assembly programme comprises a comprehensive range of equipment, components, and ancillaries that will produce hydraulic hose assemblies you can trust to do the job.

Manual or electrically powered hose crimpers cater for different needs from basic wire braid hoses to more complex heavy-duty six-layer spiral wire hoses. Similarly, a range of hose cutters are available depending on hose choice.

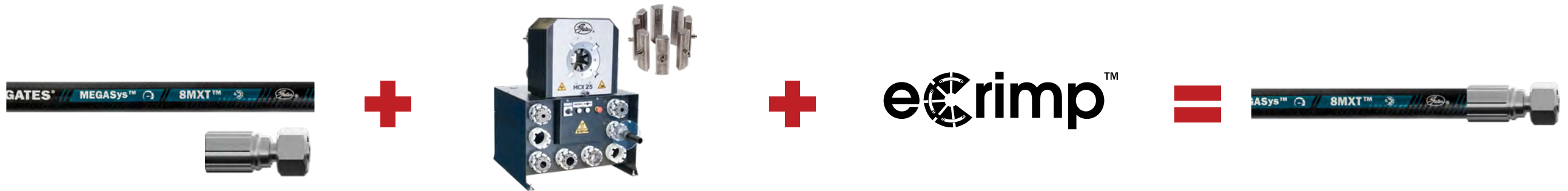
Accessories such as the Megacrimp digital caliper, Megacrimp insertion tool and quick die change facilitate fast and accurate hose assembly, while the manual marking machine lets you put your stamp on your work.

To make sure you do the best job possible Gates provides free on-site training to ensure the finished assemblies meet industry standards.



# LET'S PUT YOU IN THE PICTURE

HOW DOES THE GATES INTEGRATED SYSTEM APPROACH WORK AND WHAT'S IN IT FOR YOU?



## SUPERIOR PRODUCTS, MANUFACTURED TO THE STRINGENT TOLERANCES

Our global hoses and couplings are manufactured to rigorous tolerances, making sure that they perform to such a high standard they'll work safely for a longer time.

**Benefit from less downtime.**

## ADVANCED SELF-ASSEMBLY MACHINES AND DIES, RIGOROUSLY VALIDATED

Our self-assembly machines make it quick and easy for you to produce the hose and coupling combinations you need. Gates dies have a special proprietary profile design that creates an almost perfectly cylindrical and durable crimp. We test and validate them at our factory so you can be sure they'll work time after time in your workshop.

**Increase the efficiency in your workshops.**

## OPTIMAL CRIMP DATA, DERIVED FROM METICULOUS TESTING

Each Gates crimper comes with validated crimp settings data for the complete global hose and coupling product range. So there's no need for time consuming trial-and-error to find the ideal settings! Gain fast and easy access to crimping instructions and crimp diameters via eCrimp. [gates.eu](http://gates.eu) or the eCrimp app.

**Set crimpers with the greatest of ease.**

## FACTORY-QUALITY PERFORMANCE ABOVE AND BEYOND INTERNATIONAL STANDARDS

All this put together ensures the quality, performance and reliability that Gates is known for. When Gates hose and couplings are crimped in accordance with the Gates Integrated System, they yield factory-quality assemblies fully compliant to European Directives and legislation exceeding all international standards. Gates global wire-braid hose and MegaCrimp™ coupling assemblies are developed to withstand more than 3 times international standards. Gates spiral wire hose and GlobalSpiral coupling assemblies will work beyond a million impulse cycles.

**Trust Gates' exceptional performance and reliability.**



# MONEY MATTERS

It really doesn't cost, it pays to invest in Gates self-assembly programme. No more relying on third party suppliers or mobile van engineers, you get to control your costs and your time.

The return on investment is both tangible and welcome. Not only does it cost less to manufacture your own hose assemblies, those assemblies last longer, increasing the time between repairs and boosting productivity in the process.

It's also quicker. When time is money it's good to know that self-assembly using validated Gates components can achieve a saving of up to 45 days per year when compared to using conventional two-piece couplings. That's 45 days working rather than repairing.

The nett result is customers, typically reporting significant financial savings, improved uptime and increased profitability.

When is the right time to make the switch? If you are outsourcing 20 or more hose assemblies a year to a third party, then choosing self-assembly could pay dividends.







# SAFETY COMES FIRST



No Gates self-assembly programme is complete without our Safe Hydraulics training, devised and delivered to ensure that your personnel can work confidently, safely and knowledgeably.

Designed by our application engineers to inform and educate, Safe Hydraulics is all about:

- **How to work safely and how to reduce your risks and protect the environment**
- **The entire safety process: storage, selection, installation and inspection**
- **How to avoid material and personal hazards and liability issues**
- **Expert information on safety issues affecting hydraulic hose assemblies**

It is essential learning that promotes best practice around hydraulics, eliminating risks and securing a safer working environment.





# SATISFIED CUSTOMERS

THE GATES SELF-ASSEMBLY PROGRAMME CAN MAKE A REAL DIFFERENCE TO YOUR OPERATIONS. IT DID FOR THESE BUSINESSES:



“

**It really improved the port-to-port quality and provided a leak-free solution; it allows us to bring customised products to the marketplace.**

Paddy McMeel, supply chain manager, Combilift, FLT manufacturer.

”

“

**The fact that we can assemble the product so quickly and so efficiently is really a game changer.**

Paul Finnegan, Finnegan's Farm, farmer and potato specialists, who run a large fleet of agricultural equipment across its 1800 acres.

”

“

**Most of the time we're making 20 to 30 hoses a day. It (self-assembly) makes it so simple that we can keep the customers happy.**

Andy Moran, manager, JL Bradshaw, motor factors and service workshop.

”

“

**The convincing advantages such as leak-free operation, smallest bend radii, flexibility and service life are decisive, especially in the design and assembly for our OEM customers.**

Peter Furrer, managing owner of Paul Forrer, a distributor with systems expertise and leading provider of hydraulics, drive technology and motor equipment in Switzerland.

”

“

**By using Gates MegaSys MegaTuff hose assemblies, we have resolved these unexpected issues, eliminating airbridge failures and ensuring that they remain operational for the six-year window, keeping operations running and reducing the airport operator's maintenance costs in the long term.**

Andreas Held, managing director, Form-Plast, hydraulic experts and Gates distributor.

”



# GO WITH THE FLOW

So, let's recap on the benefits of Gates self-assembly programme:

- Cost savings
- Minimize downtime
- Guaranteed quality and performance
- Ready at any time
- Training and support

DON'T LET HYDRAULIC HOSE FAILURES CRAMP YOUR STYLE.  
NOW YOU CAN CRIMP WITH CONFIDENCE.

**MAKE THAT CALL!**

LEARN MORE ABOUT SUCCESS STORIES

