



**Have you  
got the POWER?**



**TWINLOCK  
POWERLATCH**

**MILLER**



MILLER



# The Miller PowerLatch

The name Miller is renowned around the world of construction equipment for quality and reliability, providing cost effective solutions that enhance machine efficiency.

It is our customers ever changing working environments that provide us with the challenge to keep reinventing our product range to provide the very latest in design technology for hydraulic excavator couplers.

**Miller introduced the first pin grabber quick coupler over 25 years ago and our latest design, the PowerLatch is another world first – you can ALWAYS trust Miller.**

Miller designed couplers have always been the OEMs choice and the reason is simple... we offer SAFE, QUALITY, RELIABLE products that LAST. Our 'Fit & Forget' solution provides customers with changeover technology that is unmatched in terms of product longevity.

The PowerLatch is no exception... as the name suggests it provides the POWER to carry out a range of tasks in the same day with the same machine. Customers also benefit from many additional features, exclusive to this NEW design.

## What's in a Name?

**'power:** (noun) to control; the ability to do something; the strength to move things; the rate of doing work; the energy for work' (Collins English Dictionary)

- Power to control attachment changeover from the comfort and safety of the cab.
- Power to do something more efficiently.
- Power and the strength to move things.
- Power and energy to get more done.

With over 25 years design and field experience in quick coupler technology...

**TWINLOCK  
POWERLATCH**

the best just got better



# Why did we design the PowerLatch?

## BECAUSE YOU ASKED US TO.

Our extensive development, testing and field evaluation process ensures we leave no stone unturned in our quest for quick coupler safety.

This process includes product fatigue destruction tests, designed in-house by Miller to provide factual data on coupler strength and longevity. In addition we invite YOU, our customers, to participate in supervised pre-production field trials, taking on board your feedback and suggestions throughout the process. Furthermore we ALWAYS engage the services of professional and legal independent bodies who specialise in the latest global coupler legislation. Rigorous tests are carried out to ensure the

latest Miller designs meet all required criteria, which enables us to provide you with a product that keeps you and your machine operators safe.

Before embarking on our innovative PowerLatch quick coupler range, we carried out extensive market research and asked you, our customers,

**“How can we make the current quick coupler designs available more effective?”**

## You asked us to...

### MAKE COUPLERS EVEN SAFER

- A genuine ‘twin locking’ coupler.
- In the event of hydraulic failure or accidentally operating the switch, the PowerLatch will automatically lock on both front and rear pins, mechanically and independently of the hydraulic circuit.
- Attachments can only be removed in a safe, curled position.



### MAKE COUPLERS LIGHTER

- The cast PowerLatch is up to 20% lighter than comparable brands, as shown in recent tests carried out on 20T models.







# Miller make couplers even stronger

## MAKE COUPLERS EVEN STRONGER

- The PowerLatch is up to 20% stronger than comparable models.



## MAKE COUPLERS MORE COMPACT

- The re-engineered PowerLatch design is more compact than previous Miller couplers.



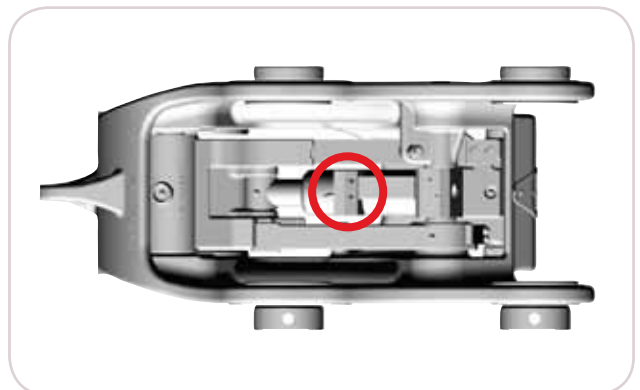
## PUT THE LIFTING EYE IN THE CENTRE

- The PowerLatch has a lifting eye cast into the centre of the rear of the coupler, which retains the strength.



## MAKE COUPLERS EASIER TO INSTALL

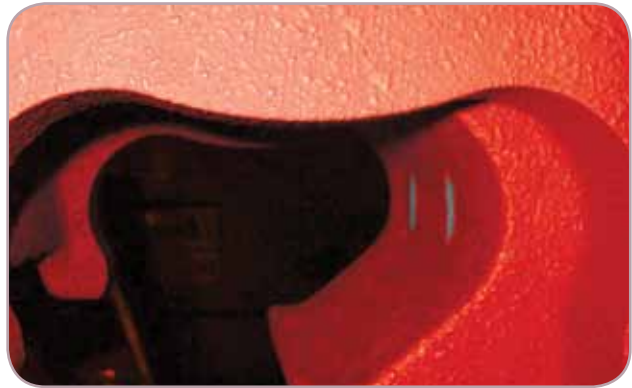
- The ports that connect the hydraulic hoses to the coupler in the PowerLatch design have been moved to the top of the cylinder, making installation and replacement of the hoses even easier.



# Miller make couplers even easier

## MAKE COUPLERS EASIER TO SERVICE

- The PowerLatch design incorporates wear indicators which provide all users with a guide for service and repair, in addition to the information set out in the manufacturers operating instructions and/or installation procedures.



## MAKE COUPLERS VISUAL

- The PowerLatch can be supplied with CASS (Coupler Alert Safety System) which provides a visual warning light and a loud audible alert message signalling to the operator and more importantly, all surrounding site workers that the coupler is detached.



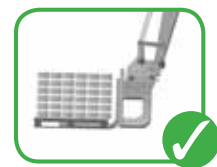
# You can always TRUST Miller

## ENSURE COUPLERS COMPLY WITH LATEST LEGISLATION AND CONTRACTOR SITE POLICIES

- The PowerLatch fully complies with EN474 and Machinery Directive 2006/42/EC.
- It contains a patented Automatic Blocking System (ABS) which mechanically prevents the accidental release of bucket or attachment.
- Its mechanical backup safety system is automatically activated and locks both front and rear pins.
- It does not allow bucket or attachments to swing on the front pin only.
- Its ABS visual indicator confirms to the operator the front pin is secured.
- You can only release the bucket or attachment in an intended or controlled process.

Non-Compliant

Compliant





# Why Trust Miller?

## Don't gamble with onsite safety, you can always trust Miller.

With hundreds of thousands of Miller couplers sold worldwide, you can always trust Miller to deliver a coupler that lasts, hour after hour, week after week, year after year, but don't just take our word for it...

“ We have had one coupler for well over a decade and it has clocked up more than 28,000 hours. We've tried different coupler brands which appeared less expensive but quite simply, in value for money terms, no quick coupler is a match for Miller.

Michael Rinizki, Mekorat Water Company

”



“ I've been using Miller quick couplers now for 4 years and always found them extremely reliable. The PowerLatch coupler is easy to use, with a straightforward maintenance routine and the additional peace of mind that you get from the secondary mechanical safety system, which is very reassuring.

Jimmy Pickering, Machine operator,  
MGL Demolition

”



“ The PowerLatch Twin Locking system is the best to come from Miller so far. It's made from cast steel so is stronger and more reliable, as well as being lighter than all the competitors, we're all extremely happy with it.

Mark Collinson, Machine operator,  
Colton Plant Hire

”



• In summary, the PowerLatch has evolved from a proven design manufactured by the world's leading authority on pin grabber quick coupler technology to the safest coupler currently available. No matter what your working application, TRUST the Miller PowerLatch to deliver the latest unrivalled features.



## Lighter

New re-engineered shape results in a lighter coupler that makes working with the PowerLatch a more fuel efficient option.

## Stronger

Made from high tensile cast steel, ensuring OPTIMUM quality and product longevity time after time.



## Safer

Benefit from the revolutionary CASS (Coupler Alert Safety System) that offers both audio and visual early warning system for added security and peace of mind.

## Twin Locking

Mechanical back-up system secures both front and rear attachment pins, independent of the hydraulic system.



## Easier

It has never been easier to maintain (weld repairable) and service a coupler, the PowerLatch has it all.

## Compliant

Meets all relevant legislation, including EN474 Machinery Directive and contractor site policies.





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