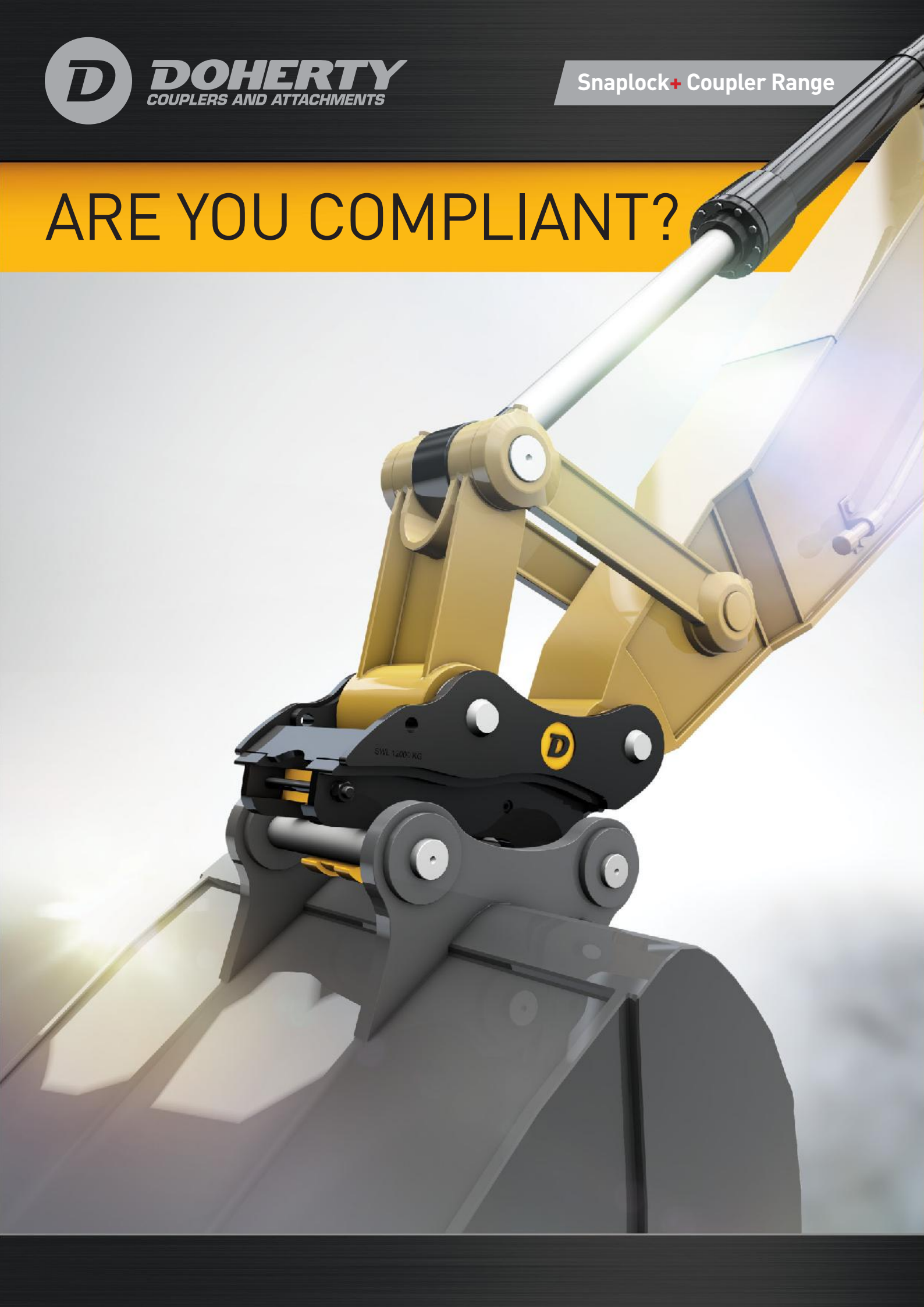




DOHERTY
COUPLERS AND ATTACHMENTS

Snaplock+ Coupler Range

ARE YOU COMPLIANT?



Snaplock+ Coupler | When safety is paramount

With new regulations looming, the Snaplock+ Coupler heralds a new era in fully automatic quick couplers.

The simple design of the Snaplock+ combined with the world leading safety features makes the Snaplock+ the safest coupler on the market today. The Snaplock+ Coupler is dual locking, meaning attachments remain securely engaged on both pins in the event of loss of engagement force.

Compliant with Australian standard AS4772-2008, European standard EN474 and all major contractor policies. Compact design with only two hoses, minimal moving parts, no greasing and no complicated operating sequence to follow are just a few of the features which put the Snaplock+ at the forefront of coupler performance worldwide.



Snaplock+ Coupler | When safety is paramount



Snaplock+ Coupler: Available for all machines from 5 to 120 tonnes, their compact design with minimal moving parts put them at the forefront of coupler performance worldwide. When safety is paramount demand the Snaplock+ Coupler.

Snaplock+ Coupler: Features

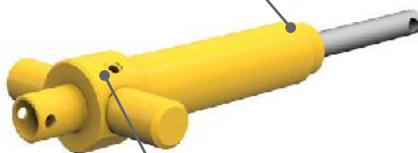
Snaplock+ Coupler is the most reliable, safe, cost effective and user friendly coupler on the global market:

- Automatic front lock – Locks the front pin in the event the rear pin is not secured
- Multi pin centre, picks up all attachments in the same weight class with the same pin diameter
- Highly visible front lock indicator
- Safety system does not rely on gravity
- Dual pin lock – Locks both front and rear pins in the event of loss of engagement force
- Unlock process is designed to release only when the operator intends to do so, in a controlled and safe manner
- Simple yet safe unlock procedure eliminates accidental releases
- Only requires two hydraulic lines
- Compact design – Improving machine performance
- No greasing or lubrication required

Snaplock+ Coupler: Primary lock

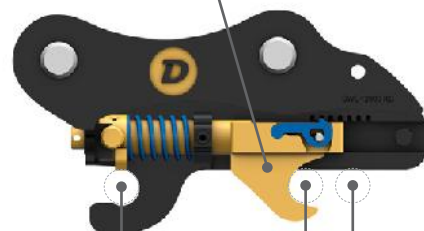
The sliding jaw primary lock allows for multi pin centres to be accepted and is operated by a unique double skinned double acting hydraulic cylinder utilising full system pressure. No head feed tube or pressure reducer is required.

Double skinned cylinder eliminates feed tube



Easy access to cylinder ports

DPL locking system locks both front and rear pin independently of the primary lock



Wide pin centre pick up range

Snaplock+ Coupler: Check List/Compliance/Comparison

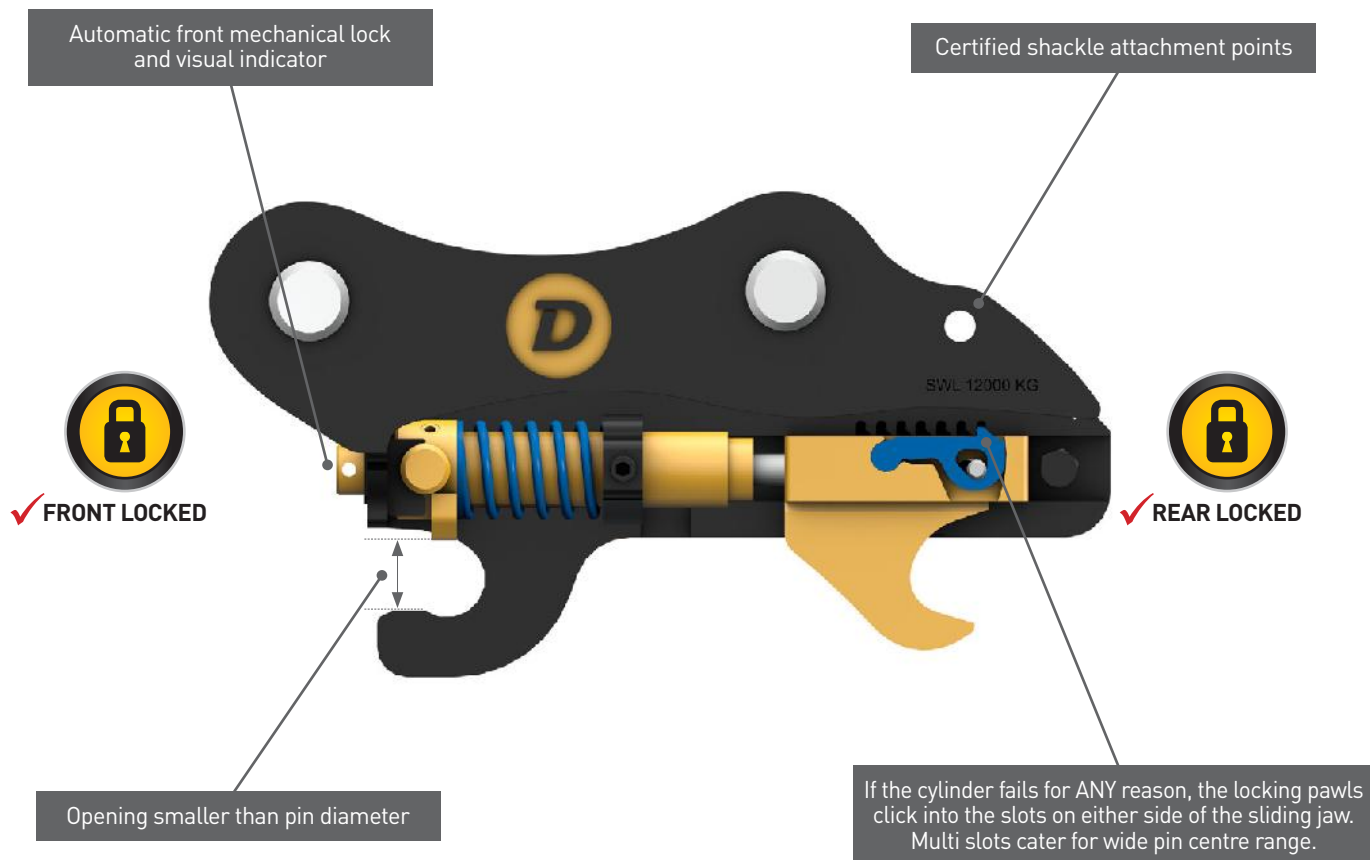
| Features | Doherty Snaplock+ |
|--|-------------------|
| Picks up multi pin centres | ✓ |
| Only requires 2 hydraulic lines | ✓ |
| Locks Front Pin in event rear pin is not engaged | ✓ |
| Dual independent Mechanical Safety Locks on both front and rear pin | ✓ |
| Prevents implement swinging on front pin in event of loss of engagement forces | ✓ |
| No feed tube on lock cylinder from head port | ✓ |
| Cylinder has internal safety check valve | ✓ |

Snaplock+ Coupler: Dual Pin Locking (DPL) System

Front lock automatically engages the moment the rear jaw is activated negating any chance of the bucket falling off if the operator misses the rear pin.

DPL safety system locks both front and rear pins in the event of loss of engagement forces.

DPL safety system ensures attachments cannot swing on the front pin in the event of loss of engagement forces.



Safety first – with the Snaplock+ Coupler

Fully complies to AS4772-2008 and EN474 Standards and expected forth coming ISO international standards

Snaplock+ Keypad

Safety is paramount when it comes to quick hitch couplers and the Snaplock+ Coupler Keypad is another innovation provided by Doherty which ensures safety on the job site. The Keypad replaces the traditional “missile style” or “toggle switch” eliminating the possibility of accidental attachment release. It is wired the same way.

Key Features:

- Warning buzzer and flashing light activates when in unlock mode
- Self checking on start up
- Suitable for retrofitting to all types and brands of electrically switched couplers

Safety & Security:

- 4 digit code to lock / unlock prevents accidental activation
- Ability to set unique codes for each operator improves security



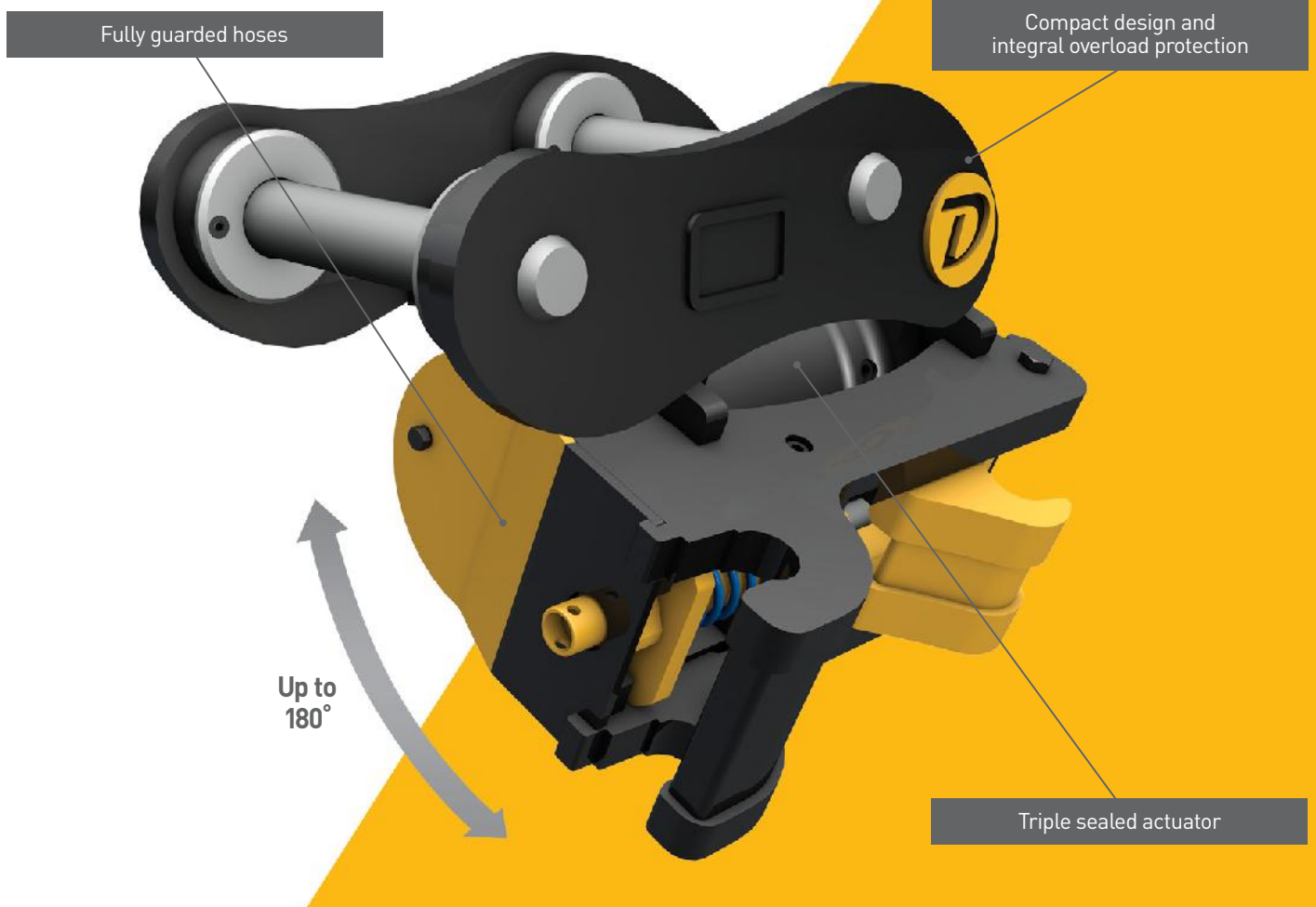
Snaplock+ Tilt | The ultimate coupler

When productivity is paramount demand the Snaplock+ Tilt.

Compact in design, powerful and virtually maintenance free, the Snaplock Tilt Coupler incorporating a precision built actuator ensures trouble free operation.

Compact design – Improving machine performance • Integral overload protection
Simplified connections and controls • Fully guarded hoses • No unwanted movement
Up to 180 degrees of tilt • Actuator only has two moving parts and is triple sealed.

The Snaplock+ is standard on the Snaplock+ Tilt and available for use on all Tiltrotators



Snaplock+ Tilt | The ultimate coupler



The Snaplock+ Tilt has been designed with a compact and narrow body for better visibility and performance, giving it serious benefits over other brands. The Snaplock+ Tilt allows operators to simply tilt all attachments rather than having to move the entire machine, improving the productivity and versatility of the machine resulting in increased profits.

Snaplock+ Tilt: Features

- Compact design – improving machine performance
- Simplified connections and controls
- No unwanted movement
- Actuator only has two moving parts and is triple sealed
- Only requires four hydraulic lines
- Integral overload protection standard from 4 tonne upwards
- Fully guarded hoses
- Up to 180 degrees of tilt
- No pins or bushes to wear out



Warranty

Industry leading 2 year or 3000 hour (whichever occurs first) warranty.

Safety

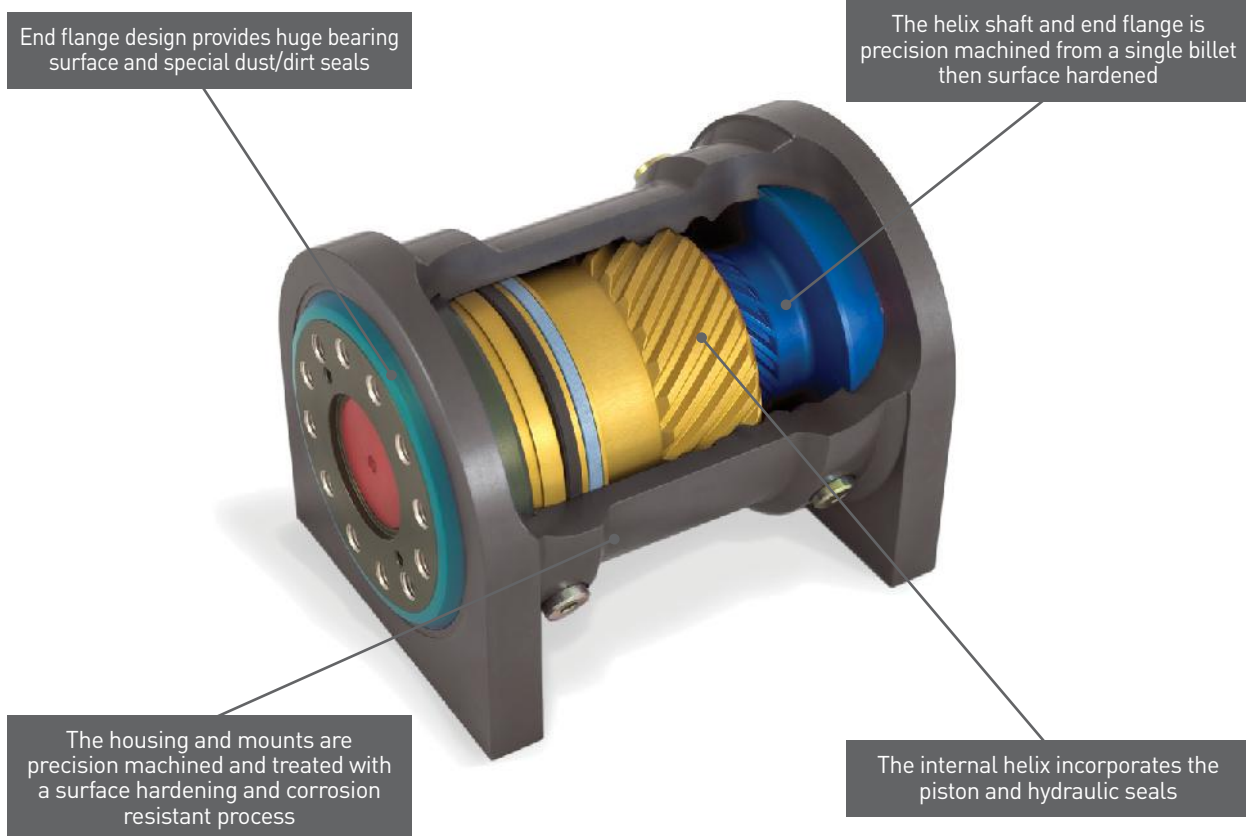
The Snaplock+ Tilt is the only tilting coupler currently available with a dual pin locking coupler, making it one of the safest couplers available globally.



Snaplock+ Tilt: The Internals

Doherty Power Actuator at a Glance

- Slim structure
- Maintenance-free
- Multiple connection ports
- Simple assembly
- Triple sealed
- Specifically designed for excavator attachments
- Only two moving parts
- Integral relief valve
- Wide tilting range, up to 180 degree tilt range



Be Compliant: Be Safe, Not Sorry

Do you know the Facts?

There has been a lot of emphasis in recent months on ensuring that quick couplers are safe and fit for purpose. The current Australian Standard is AS4772-2008 to which all quick hitch couplers MUST comply to. The British Standard EN474-1 and Machinery Directive 2006/42/EC is also a proficient global standard which is recognised in many countries.

Important

If your quick coupler allows an attachment to swing on one pin only or releases the attachment in the event of loss of engagement forces, then it DOES NOT meet the EN474 standard or the Machinery Directive 2006/42/EC.

Many Construction Companies also have their own onsite safety regulations, many of which specify that your quick hitch coupler MUST: **Have an automatic safety system and/or be dual locking.**



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Snaplock+ Tilt



See it in action

Authorised Distributor

Snaplock+ Coupler



See it in action

