

WedgeLock Coupler - Standard Hydraulic with Key Lock
incorporating WedgeLock Multi-Model® Feature

WedgeLock Weight Class	Excavator Machine Weight	Part Number	Weight	Coupler Base Pin Centers (min/max)	Base Width	Pin ø	Max Operating Pressure
	Tonnes (lbs)		Kgs (lbs)	mm (in)	mm (in)	mm	Bar (psi)
130	10.0-13.0T (22000-28600)	CMK-130-060-065	185 (407)	355 / 420 (13.9 / 16.5)	218 (8.6)	60 / 65	260 (3750)
170	14.0-17.0T (30800-37400)	CMK-170-070	225 (495)	400 / 465 (15.7 / 18.3)	280 (11.0)	70	260 (3750)
170	14.0-17.0T (30800-37400)	CMK-170-080	240 (530)	390 / 435 (15.3 / 17.1)	300 (11.8)	80	260 (3750)
210	18.0-21.0T (39600-46200)	CMK-210-080	295 (650)	430 / 485 (16.9 / 19.1)	300 (11.8)	80	260 (3750)
270	22.0-27.0T (48400-59400)	CMK-270-080	350 (770)	440 / 512 (17.3 / 20.1)	300 (11.8)	80	260 (3750)
270	22.0-27.0T (48400-59400)	CMK-270-090	365 (805)	460 / 520 (18.1 / 20.5)	325 (12.8)	90	260 (3750)
320	28.0-32.0T (61600-79200)	CMK-320-090	415 (913)	500 / 570 (19.7 / 22.4)	346 (13.6)	90	260 (3750)
320	28.0-32.0T (61600-79200)	CMK-320-100	425 (935)	550 / 610 (21.7 / 24.0)	408 (16.1)	100	260 (3750)
450	36.0-50.0T (80000-110000)	CMK-450-100	585 (1287)	550 / 610 (21.7 / 24.0)	370 (14.6)	100	260 (3750)
450	36.0-50.0T (80000-110000)	CMK-450-100-110	600 (1320)	537 / 600 (21.1 / 23.6)	370 (14.6)	100 / 110	260 (3750)

WedgeLock OEM Custom Fit™ Coupler -
Standard Hydraulic with Key Lock

WedgeLock Weight Class	Excavator Machine Weight	Part Number	Weight	Coupler Base Pin Centers & Width	Pin ø	Max Operating Pressure
	Tonnes (lbs)		Kgs (lbs)	mm (in)	mm	Bar (psi)
037	2.9-3.7T (6400-8100)	CSK-037	46 (100)	OEM Custom Fit	35/40	260 (3750)
045	3.8-4.5T (8300-9900)	CSK-045	50 (110)	OEM Custom Fit	40/45	260 (3750)
055	4.6-5.5T (10000-12100)	CSK-055	60 (132)	OEM Custom Fit	45/50	260 (3750)
070	5.6-7.0T (12300-15400)	CSK-070	75 (165)	OEM Custom Fit	45/50	260 (3750)
099	7.1-9.9T (15600-21800)	CSK-099	85 (187)	OEM Custom Fit	45/50	260 (3750)
130	10.0-13.0T (22000-28600)	CSK-130	185 (407)	OEM Custom Fit	60 / 65	260 (3750)
170	14.0-17.0T (30800-37400)	CSK-170	240 (530)	OEM Custom Fit	70 / 80	260 (3750)
210	18.0-21.0T (39600-46200)	CSK-210	295 (650)	OEM Custom Fit	80	260 (3750)
270	22.0-27.0T (48400-59400)	CSK-270	365 (805)	OEM Custom Fit	80 / 90	260 (3750)
320	28.0-32.0T (61600-79200)	CSK-320	425 (935)	OEM Custom Fit	90 / 100	260 (3750)
450	36.0-50.0T (80000-110000)	CSK-450	600 (1320)	OEM Custom Fit	100 / 110	260 (3750)
650	50.0-65.0T (110000-143000)	CSK-600	940 (2070)	OEM Custom Fit	> 115	260 (3750)
750	65.0-75.0T (143000-165000)	CSK-750	1130 (2490)	OEM Custom Fit	> 120	260 (3750)
1000	75.0-100.0T (165000-220000)	CSK-1000	1380 (3040)	OEM Custom Fit	> 130	260 (3750)

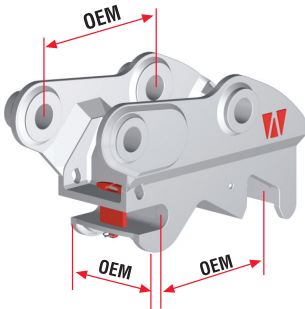
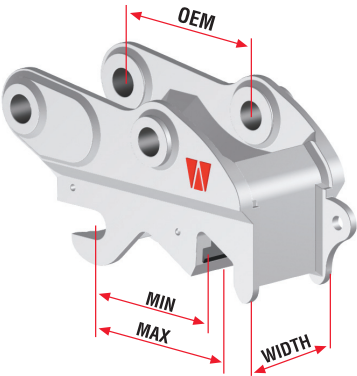
¹ WedgeLock Multi-Model® Couplers are designed to pick up a wide range of attachments within the same weight class. Due to the vast array of bucket designs and the concept of Multi Model Compatibility, WedgeLock will not be held responsible for coupler-to-bucket interference or misfit. If unsure, contact your nearest WedgeLock dealer for clarification and specifications.

² WedgeLock OEM Custom Fit™ Couplers are designed to accommodate either OEM or Custom Specifications.

*** Specifications subject to change without notice.

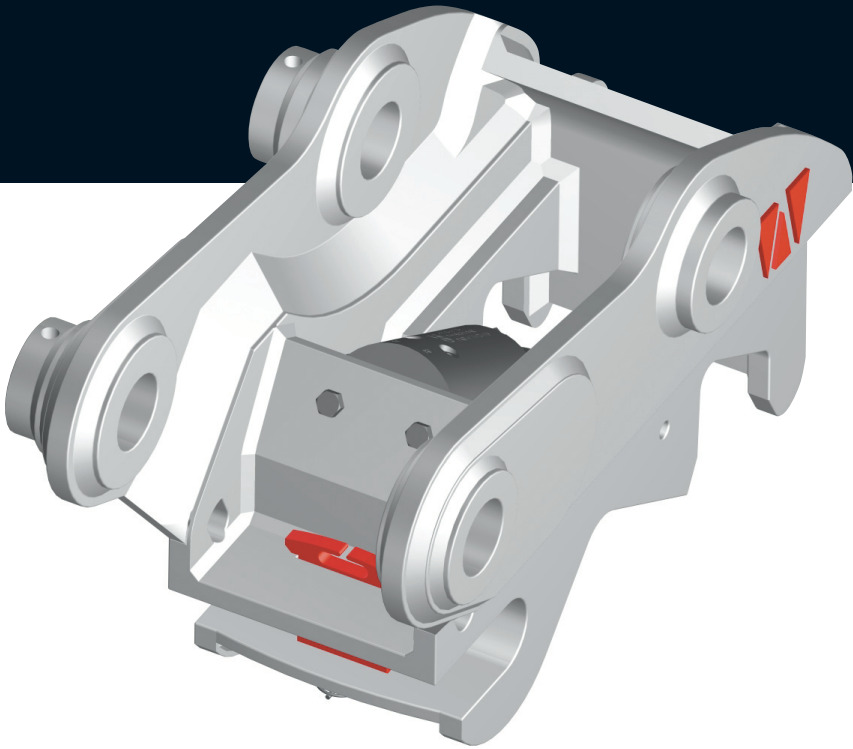
Authorized Sales Representative:

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WEDGELOCK QUICK COUPLERS

Standard Hydraulic and Mechanical Quick Couplers
for Excavators



Delivering world leading design, quality construction, safe and reliable operation.
WedgeLock Quick Couplers perform. Period.

With a 20-year track record in the business, WedgeLock knows what it takes to build and deliver a world-class Quick Coupler. And it's not just superior design or engineering smarts. It's about listening carefully to customers, testing out ideas, fine-tuning results and staying ahead of the curve with state-of-the-art technology and constant innovation.

WedgeLock Quick Couplers provide the following benefits:

- **UNIQUE & CONSTANT LOCKING PRINCIPLE** – ensures the “wedge plate” is securely fixed and locked under the attachment pin
- **HIGH-STRENGTH CONSTRUCTION** – increases wearability and reduces weight maximizing product performance and reliability
- **LOW PROFILE DESIGN** – provides optimum breakout force and power at the bucket tip
- **SAFETY IN DESIGN** – safe and reliable features giving operators a quick coupler that has a proven safety record
- **MECHANICAL or HYDRAULIC OPERATION** – enables operators to choose operational mode that best suits their requirements with option to upgrade to hydraulic from mechanical at a later date

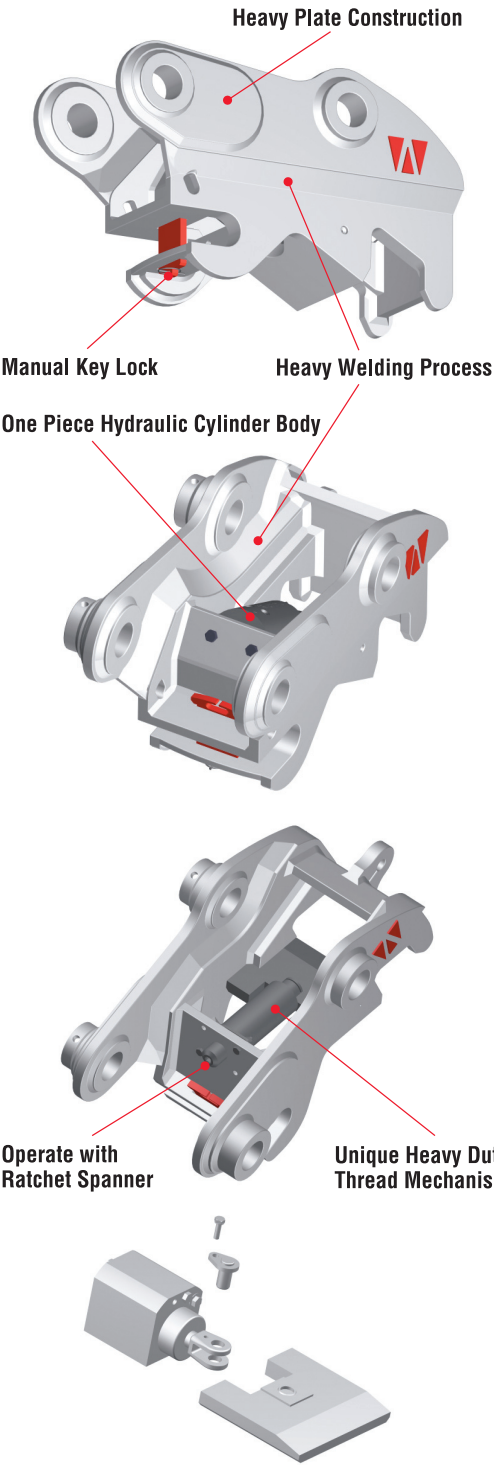


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FEATURES OF THE WEDGELOCK STANDARD QUICK COUPLER RANGE



Upgrade to hydraulic by fitting new cylinder and wedge

Available in two modes of operation – **Hydraulic** and **Mechanical** – the Wedgelock Standard Quick Coupler range incorporates all the benefits and features operators need to change attachments with ease - no more pulling pins!

- As with all Wedgelock Quick Couplers sold globally the primary locking mechanism incorporates the proven “Wedge Locking Principle”.
- The coupler body is constructed from Heavy Duty plate using high and medium strength materials for durability, longevity and high performance with less down time.
- Low profile design minimizes loss of breakout, maximizing power at the bucket tip. This is achieved through product design and proven construction methods.
- Designed with safety in mind – all standard Wedgelock Couplers are fitted with a manual Key Lock ensuring a safe working environment.

Features of the Wedgelock Coupler – Standard Hydraulic model

- Incorporates the world’s only “one piece construction” cylinder body for couplers eliminating port welding and feeder tube damage. The Double Acting Cylinder also has a “Pilot Operated Safety Check Valve” for maximum safety and two port options for ease of hose routing and pressure testing.
- Features an independent hydraulic circuit and switching system that runs on reduced mains pressure and is remotely operated from the cab.
- Available in two configurations – **Wedgelock Multi-Model®** and **Wedgelock OEM Custom Fit™**.

The **Wedgelock Multi-Model®** feature is available for machines from the 10t to 50t (22,000 to 110,000 lbs) weight class and enables operators to connect to any attachment within the same weight class without having to modify existing buckets or attachments.¹

The **Wedgelock OEM Custom Fit™** is available for operators that require OEM fitment of their attachments to their coupler; the carrier machine can be either the same as the attachments or different. This feature is available for machines from the 3t to 100t (6,600 to 220,000 lbs) weight class.²

Features of the Wedgelock Coupler – Standard Mechanical model

- Fits to an excavator in a matter of minutes – no hydraulics need to be installed.
- Attachments can be connected quickly and with ease.
- Operating the Quick Coupler with the ratchet spanner maximizes torque on the threaded mechanism ensuring secure locking of the “wedge plate”.
- The single moving part and sealed threaded mechanism ensures minimal maintenance.
- Can be easily upgraded to hydraulic operation simply by fitting a Wedgelock Hydraulic Cylinder and new “Wedge Locking Plate”.
- Designed to Wedgelock OEM Custom Fit™ specifications and is available for most excavators up to 50t (110,000 lbs).

^{1,2}: See back page

WEDGELOCK QUICK COUPLERS – EASY TO INSTALL AND USE, SAFE AND RELIABLE

Wedgelock Quick Couplers are designed with simplicity in mind – incorporating minimal moving parts, ensuring ease of operation and offering maximum performance.

Whether a **Wedgelock Hydraulic** or **Wedgelock Mechanical Coupler** is used, the benefits achieved are instant. Wedgelock Quick Couplers provide excavator operators with the ability to change attachments as and when required, maximizing excavator utility, operator productivity and efficiency.

Both the hydraulic and mechanical models feature the “Wedge Locking Principle”, proven to be the most effective method of securing the rear pin of an attachment to a coupler. The wedging effect keeps the coupler-to-attachment connection tight, eliminating movement and minimizing

wear. Both are quick and easy to install, feature high quality construction and materials and minimal maintenance requirements.

To operate the **Wedgelock Hydraulic Coupler** operators simply connect the coupler to an attachment and activate the switch in the cab. That in turn extends the hydraulic cylinder and locks the “wedge plate” under the rear pin of the attachment. For added safety, the fitting of a manual “Key Lock” is recommended.

Operation of the **Wedgelock Mechanical Coupler** is also straightforward: simply connect the coupler to an attachment and with the ratchet spanner tighten the “wedge plate” until it firmly locks underneath the rear pin. Again, for added safety, the fitting of a manual “Key Lock” is recommended.

TECHNICAL SPECIFICATIONS

Wedgelock OEM Custom Fit™ Coupler - Standard Mechanical with Key Lock (upgradeable to Hydraulic from 037 Weight Class)

Wedgelock Weight Class	Excavator Machine Weight	Part Number	Weight	Coupler Base Pin Centers & Width	Pin ø	Ratchet Spanner
	Tonnes (lbs)	*	Kgs (lbs)	mm (in)	mm	in
022	1.0-2.2t (2200-4800)	CSM-022	18 (40)	OEM Custom Fit	30	3/8
028	2.3-2.8t (5000-6200)	CSM-028	36 (80)	OEM Custom Fit	35	3/8
037	2.9-3.7T (6400-8100)	CSM-037	42 (92)	OEM Custom Fit	35/40	1/2
045	3.8-4.5T (8300-9900)	CSM-045	45 (100)	OEM Custom Fit	40/45	1/2
055	4.6-5.5T (10000-12100)	CSM-055	54 (118)	OEM Custom Fit	45/50	1/2
070	5.6-7.0T (12300-15400)	CSM-070	69 (150)	OEM Custom Fit	45/50	1/2
099	7.1-9.9T (15600-21800)	CSM-099	78 (170)	OEM Custom Fit	45/50	1/2
130	10.0-13.0T (22000-28600)	CSM-130	160 (350)	OEM Custom Fit	60 / 65	1/2
170	14.0-17.0T (30800-37400)	CSM-170	210 (460)	OEM Custom Fit	70 / 80	3/4
210	18.0-21.0T (39600-46200)	CSM-210	280 (615)	OEM Custom Fit	80	3/4
270	22.0-27.0T (48400-59400)	CSM-270	340 (750)	OEM Custom Fit	80 / 90	3/4
320	28.0-32.0T (61600-79200)	CSM-320	420 (925)	OEM Custom Fit	90 / 100	3/4
450	36.0-50.0T (80000-110000)	CSM-450	550 (1210)	OEM Custom Fit	100 / 110	3/4

* The CSM range is progressively superseding the current HMI, HSM and HSMU series of Wedgelock Couplers. During the transition some products may continue to be supplied using the existing H-series codes. Contact your nearest Wedgelock dealer for further information.

