



The World's Only Independent Dual-Locking Coupler

*Provides easy
interchange of
attachments.*

- **INSTANT SAFETY KNUCKLE** - Automatically secures the attachment to the coupler the instant the front jaw comes into contact with the front attachment pin. This instant connection eliminates the risk of losing control of the bucket or attachment during the "high-risk" latching operation. This extremely important safety feature is unique to I-Lock.
- **INTELLIGENT** - ICS (I-Lock Control System)
- **INDEPENDENT** - When the operator wants to change attachments, the primary wedge can be released first, the attachment placed in a safe position to disconnect and THEN the Safety Knuckle can be released. The operator has full, INDEPENDENT control.
- **INNOVATIVE** - Evolving technology. Refining simplicity. - The Wedglock I-Lock™ Coupler is an innovative advancement in coupler safety. No other coupler in the world has a fully-independent and instant safety-locking feature that is controlled by the operator.
- **TIME-OUT FUNCTION** - The ICS automatically resets the Instant Safety Knuckle to the locked position, placing the coupler into safe mode. This feature on the electronic switch ensures that even if the operator does not release the attachment in the time permitted, the Safety Knuckle will automatically re-engage to the safe position.
- **CHECK VALVE** - Integrated within the primary cylinder the check valve prevents disengagement of the wedge in the event of reduction or loss of the hydraulic pressure.
- **AUDIBLE WARNING BUZZER** - Variable tones controlled by the ICS deliver a clear signal assisting the operator throughout the attachment change.
- **PRIMARY WEDGE** - The engagement system incorporates the proven "Wedge Locking Principle" for the primary wedge, increasing the locking integrity ensuring both attachment pins remain locked and secure.
- **MULTI MODEL™** - Enables operators to connect to an array of attachments within the same weight class.

FEATURES

- Available in manual or hydraulic
- 3T to 120T capacity
- Backed by Cascade's global support system
- Auto-locking safety system with independent release of front and rear pins
- Instant auto-locking front jaw
- Independent hydraulic control of front and rear locks (jaws)
- Innovative auto time out and re-lock of front jaw



WedgeLock Weight Class	Excavator Machine Weight	Part Number	Weight (est) lbs	Coupler Base Pin Center (min/max) in	Base Width in	PinØ mm	WLL (Lifting Eye) lbs
037	2.9-3.7T	CMI-037	106	6.8/8.7	4.8	35/40	4,400
045-055	3.6-5.5T	CMI-045-055	143	8.7/10.4	5.7	45/50	4,400
070	5.6-7.0T	CMI-070	187	11.4/12.3	6.5	45/50	8,800
130	10.0-13.0T	CMI-130-060-065	429	14/16.5	8.6	60/65	17,600
170	14.0-17.0T	CMI-170-070	682	15.7/18.3	11	70	17,600
170	14.0-17.0T	CMI-170-080	682	15.4/17.1	11.8	80	17,600
210	18.0-21.0T	CMI-210-080	682	16.9/19.1	11.8	80	17,600
270	22.0-27.0T	CMI-270-080	880	17.3/20.2	11.8	80	22,000
270	22.0-27.0T	CMI-270-090	880	18.1/20.5	12.8	90	22,000
320	28.0-32.0T	CMI-320-90	1155	19.7/22.4	13.6	90	26,400
320	28.0-32.0T	CMI-320-100	1155	20.7/23.2	14.6	100	26,400
320	28.0-32.0T	CMI-320	1155	19.1/23	13.5	80/90/100	26,400
450	36.0-45.0T	CMI-450-100	1430	22.4/25	16.7	100	26,400
450	36.0-45.0T	CMI-450-110-100	1496	21.3/24.8	15.7	100/110	26,400
750	55.0-75.0T	CSI-750	TBA	to suit OEM specifications			33,000
1000	80.0-120.0T	CSI-1000	TBA	to suit OEM specifications			33,000

*I-LOCK Coupler models from 037 to 450 are designed with multi-model capability. This will enable the operator to connect to an array of attachments in the same weight class. Compatibility is subject to attachment design and specification. Specifications are subject to change without notice.

HERE'S HOW THE I-LOCK™ WORKS

CONNECTION

STEP 1

The Wedgelock I-LOCK™ Coupler has been designed to ensure that operators and co-workers can work within an environment that is safe from the potential hazards of changing buckets or attachments.



STEP 2

The Safety Knuckle INSTANTLY latches over the attachment pin as soon as the operator engages the front jaw of the coupler. This automatic function removes the high risk of dropping an attachment during the changeover process.



STEP 3

Once the operator has the Safety Knuckle engaged over the first pin, the attachment can be raised and the coupler crowded to the fully seated position. The Wedge Locking Plate is then activated by the electronic switch inside the cab to lock the coupler fully to the attachment.



DISCONNECTION

STEP 1

To release the attachment, the Wedge Locking Plate is disengaged first, leaving the Safety Knuckle fully latched and the attachment secured to the coupler.



STEP 2

When the operator is satisfied that the attachment is in a safe environment to be released, the operator moves the electronic switch to the "un-lock safety" position. This operation activates the mechanism to raise the Safety Knuckle.



STEP 3

As soon as the Safety Knuckle has been retracted, the operator can safely move the Wedgelock I-LOCK™ Coupler away from the attachment pin, fully disengaging the attachment from the coupler.



READY TO RE-CONNECT

After 10 seconds, the Safety Knuckle will automatically reset to the SAFE position and the Wedgelock I-LOCK™ Coupler is ready to re-connect to another attachment.

