



 **KENT**®  
**Auto-coupler**

**Designed and built for severe-duty Breaker applications**

# INCREASE SAFETY

## Introducing the Kent Auto-coupler

The new Auto-coupler is an innovative quick-coupler that allows attachment changeover in seconds. The first coupler built for severe-duty breaker applications, it offers maximum versatility, with an adjustable design that fits a variety of OEM excavator attachments.

## Built-in Safety with Shur-Loc™ feature

Kent's Auto-coupler features a patented Shur-Loc™ safety mechanism that eliminates the need for a manual locking pin. You get better productivity and increased machine utilization, without compromising safety. The coupler can be disengaged only when in the "full curl" position.

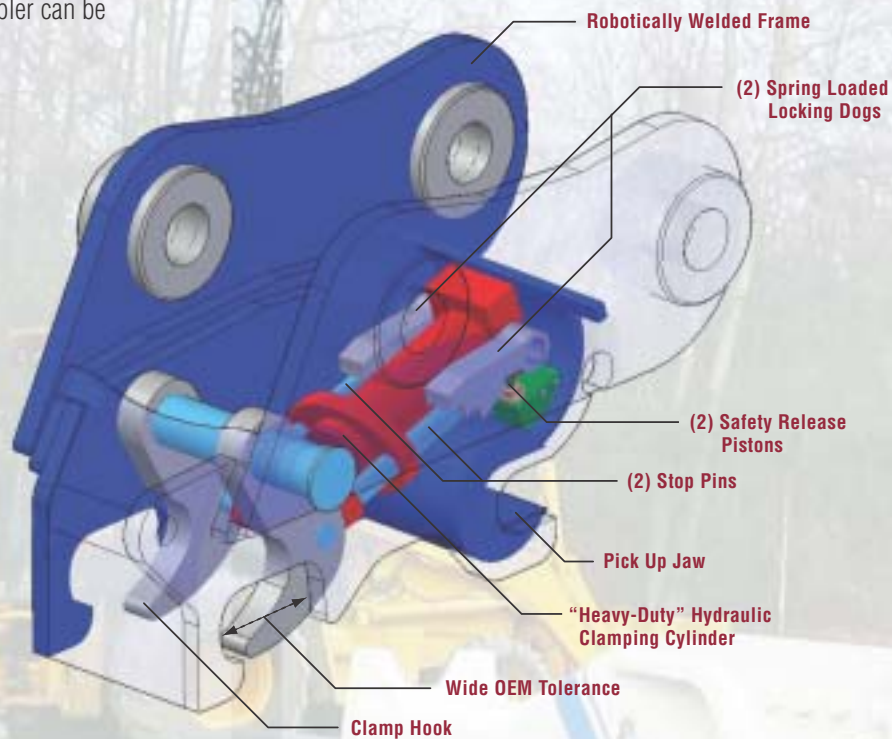
## Features and Benefits

- All welds are certified and robotic
- The coupler uses the main hydraulic system on the excavator for a constant supply of high-pressure oil, keeping the coupler's internal cylinder locked at all times during engagement.
- No need to get out of the cab to manually install or remove any back-up or safety pin.
- A pilot-operated check-valve integrated in the heavy-duty cylinder keeps the coupler locked in the event that the oil supply is interrupted – even during hose failure
- A certified lifting eye meets or exceeds the lift capacity of the excavator.



- Dual mechanical, spring-loaded locking dogs automatically engage as the coupler clamps into place. These dogs cannot retract without first reversing the hydraulic flow, which is only possible in the fully curled position.
- The coupler is controlled with a two-position safety switch, and an audible alarm that sounds during disengagement.

## Kent Auto-coupler Construction



## Kent Auto-coupler Weight-Range/Model

Hitch Type	Weight (lbs)	Coupler + 2 Pins Approx. Weight (lbs)
KAC60	220	260
KAC120	460	508
KAC155	695	783
KAC200	730	818
KAC250	990	1122
KAC300	1375	1545
KAC400	1551	1757

# INCREASE PRODUCTIVITY

## Easy-to-Use

Kent's Auto-coupler is designed with the operator in mind. With the most basic instruction, learning to use it is simple. The operator can stay in his cab during the entire process of releasing, picking up and changing attachments.

The Auto-coupler's heavy-duty locking cylinder automatically adjusts to fit various OEM pin centers. So one Auto-coupler is versatile enough to work with attachments from various manufacturers within similar excavator weight classes.

## Versatile

Not only does the Auto-coupler boost productivity in terms of the time saved switching between different attachments, but also by allowing you to utilize a broader range of attachments – delivering a much greater return on your investment.

## Tough

Unlike competitive products that are not designed for severe applications, Kent's Auto-coupler was designed knowing the kind of abuse it would have to take on the job. Based on years of experience in boom-mounted attachments, we know that if it's tough enough to absorb the constant impact force of today's hard-hitting hydraulic breakers, it can take anything you can throw at it.

## Call for a Free Interactive CD

For more information on the Kent Auto-coupler, contact Kent Demolition Tools at 800-527-2282 or 800-624-1616 (West Coast Office) and ask for a copy of our free interactive CD.



## Attachment Capture Sequence



1. Position pick-up jaw over rear pin ...



2. Articulate stick to capture rear pin ....



3. After rear pin engagement, extend bucket cylinder to engage front pin...



4. ... move to "full curl" position to lock and unlock.

# INCREASE UTILIZATION

The Kent Auto-coupler is available in a range of sizes that will match the capacity of many excavators; if the carrier model you use is not listed here, please contact your Kent sales representative for advice in selecting the correct coupler for your equipment.

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## KAC 60

Case	CX 75
Caterpillar	307C, 308C
Deere	80C
Hitachi	EX80/Zaxis 80U
Kobelco	70, 80
Komatsu	PC 60/75/90
Linkbelt	75 Spin Ace

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## KAC 120

Case	9010/CX 130
Caterpillar	312C, 314C
Deere	120C
Hitachi	EX100, EX110
Hitachi	EX120/Zaxis 120
Kobelco	SK100/SK110/115
Kobelco	SK120/135
Komatsu	PC 120/128/95
Linkbelt	130 LX, 135 Spin Ace
New Holland	EC 130
Volvo	EC 140B LC

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## KAC 155

Case	9020/CX 160
Caterpillar	315C
Deere	160
Hitachi	EX150/Zaxis 135
Hitachi	EX160/Zaxis 160
Kobelco	SK150/ED 150
Kobelco	SK160
Komatsu	PC 150/160/180
Linkbelt	160 LX
New Holland	EC 160
Volvo	EC 150 LC, EC 160B LC

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## KAC 200

Case	9030/CX 210
Caterpillar	318C, 320C, 321C, 322C
Deere	690/200C
Hitachi	EX200/Zaxis 200
Hitachi	EX220/Zaxis 225
Hitachi	EX230/Zaxis 230
Kobelco	200SR, ED 190, SK 210
Komatsu	PC 200/210/220/228
Linkbelt	210 LX
New Holland	EC 215
Volvo	EC 210B LC, EC 210B LR

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## KAC 250

Case	9040/CX 240
Case	CX 290
Caterpillar	325C
Deere	230C, 790/270C
Hitachi	EX270/Zaxis 270
Kobelco	235 SR
Kobelco	SK 250/270
Komatsu	PC 270
Linkbelt	225 Spin Ace
Linkbelt	240 LX, 290 LX
New Holland	EC 240, 270
Volvo	EC 240B LC, EC 240B LR

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## KAC 300

Case	9050/CX 330
Caterpillar	330C
Deere	792/330C, 892/370C
Hitachi	EX300
Hitachi	EX330/Zaxis 330
Hitachi	EX370/Zaxis 370
Kobelco	SK 290/300/330
Komatsu	PC 300
Linkbelt	330 LX
New Holland	EC 350
Volvo	EC 290B LC/LR
Volvo	EC 330B LC

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## KAC 400

Case	CX460
Caterpillar	345B
Deere	992/450C
Hitachi	EX400
Hitachi	EX450/Zaxis 450
Kobelco	SK 480
Komatsu	PC 400
Linkbelt	460 LX
New Holland	EC 450
Volvo	EC 360B LC, EC 460B LC

