

CASE
CONSTRUCTION

S SERIES MULTI-FIT TWIN LOCKING PIN GRABBER COUPLER



CASE S Series Multi-fit Coupler

Lighter. Safer. Stronger.

Break new ground with our new CASE S Series Multi-fit Twin Locking Pin Grabber Coupler. Up to twenty percent lighter and stronger than previous models, this genuine twin-locking coupler provides the power and quick attachment changeover from the safety and comfort of the cab. Featuring our new automatic blocking system (ABS) that prevents accidental release, to wear indicators on the rear hook, this coupler makes the grade and then some.

Features and Benefits

Durable and strong tensile steel-cast materials minimize affects on machine performance.

Integrated Coupler Bucket

Maximize performance with a CASE coupler bucket for:

- More power with integrated bucket pins to reduce distance from the dipper arm to the bucket tip
- Larger fills with a more compact bucket shape to make every dig count
- Higher efficiency to shovel further, move more material and save over 1/2 gallon more per hour, as shown in a timed trench-digging test



Safety Features

- Has two (2) independent mechanical locks and is a 'true' twin-locking coupler:
 - Secures both front and rear attachment pins in the event of hydraulic failure or power loss
 - Features a unique and patented Automatic Blocking System (ABS) to secure the front attachment pin
 - Stops attachments from swinging dangerously in operating mode if hydraulic power is lost
 - Prevents inadvertent release of attachment. Release only possible when inverted near the ground.
- One-way check valves are located in the coupler cylinder and solenoid valve:
 - Pressure is retained in the event of a hydraulic hose failure
- Visual indicator to show operator that the front pin is attached
- Integrated lifting eye for incredible strength
- Wear indicators on the rear hook to help maximize uptime



Visual indicator.

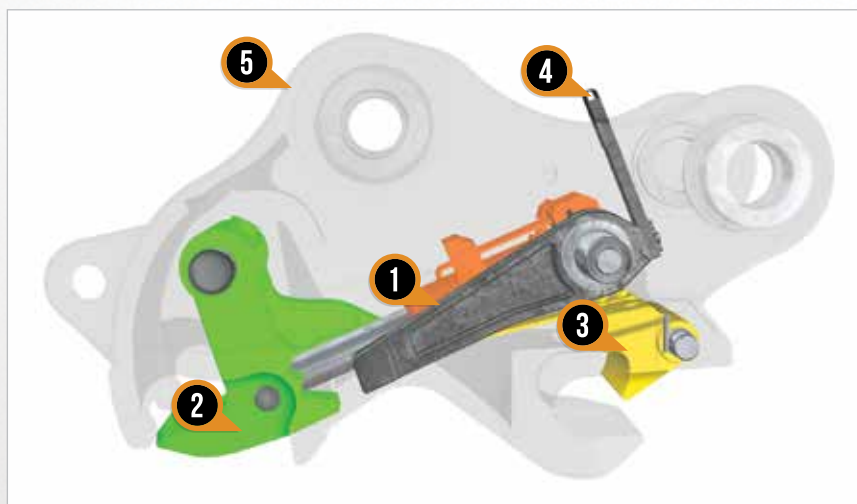


Integrated cast eyelet.



Wear indicators on rear hook.

Internal Parts

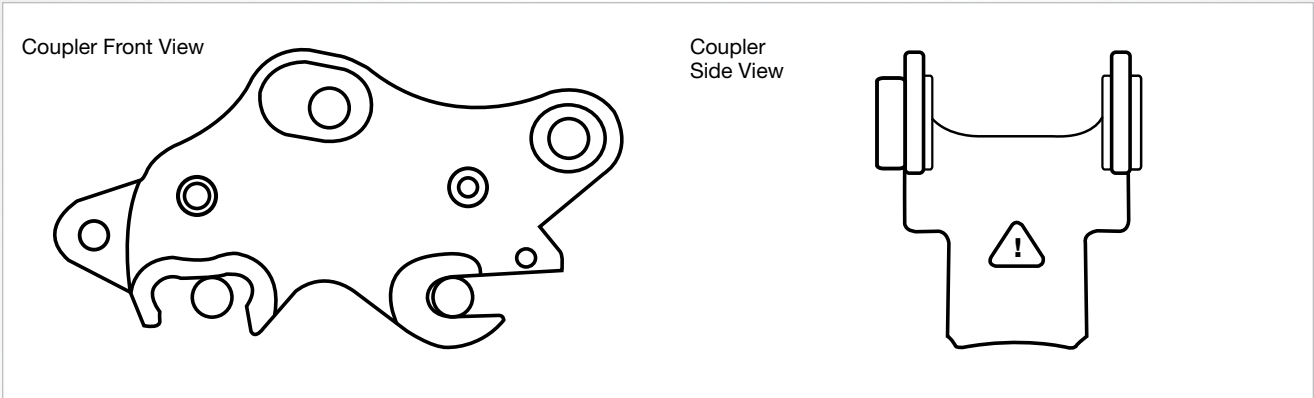


- 1 Hydraulic ram with improved port positions for easy installation
- 2 Hook secures attachment pin and mechanically operates the ABS unit
- 3 ABS unit – (Automatic Blocking System) locks front pin and also acts as a visual indicator
- 4 Blocking bar and lever – independently lock attachment
- 5 Strong, durable, high tensile precision steel cast design frame

Attachments can only be removed in a safe position (full stop). In the event of hydraulic failure, the Twin Locking S Series will automatically lock on the attachment front and rear pins, mechanically and independent of the hydraulic system.

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Pin Diameter and Spreads



PART NUMBER	Models/ Description	Weight	Min. Width Between Bucket Bosses	Pin Diameter	Min. Pin Spread	Max Pin Spread
47603261	CX75C SR	205 lb (93 kg)	7.56" (192mm)	50mm	11.02" (280mm)	12.48" (317mm)
	CX80C MSR			60mm	11.41" (290mm)	12.60" (320mm)
47603262	CX130C	396 lb (180 kg)	10.04" (255mm)	60mm	13.58" (345mm)	16.33" (415mm)
47603263	CX135C, CX145C SR			65mm	13.58" (345mm)	16.53" (420mm)
47603264	CX160C	579 lb (263 kg)	11.89" (302mm)	70mm	14.80" (376mm)	18.58" (472mm)
	CX180C			80mm	15.39" (391mm)	18.78" (477mm)
47603266	CX201C, CX230C, CX235C	683 lb (310 kg)	12.08" (307mm)	80mm	16.93" (430mm)	20.47" (520mm)
47603267	CX235 SR	683 lb (310 kg)	12.08" (307mm)	80mm	16.93" (430mm)	20.47" (520mm)
47603269	CX250C	1,036 lb (470 kg)	12.83" (326mm)	80mm	17.44" (443mm)	20.47" (520mm)
47603272	CX300C			90mm	18.03" (458mm)	20.67" (525mm)
47603273	CX350C	1,234 lb (560 kg)	15.79" (401mm)	90mm	18.97" (482mm)	23.70" (602mm)
	CX370C			100mm	19.69" (500mm)	23.90" (607mm)
47603274	CX470C	1,892 lb (860 kg)	18.94" (481mm)	100mm	21.14" (537mm)	24.08" (630mm)
				110mm	21.34" (542mm)	25.00" (635mm)



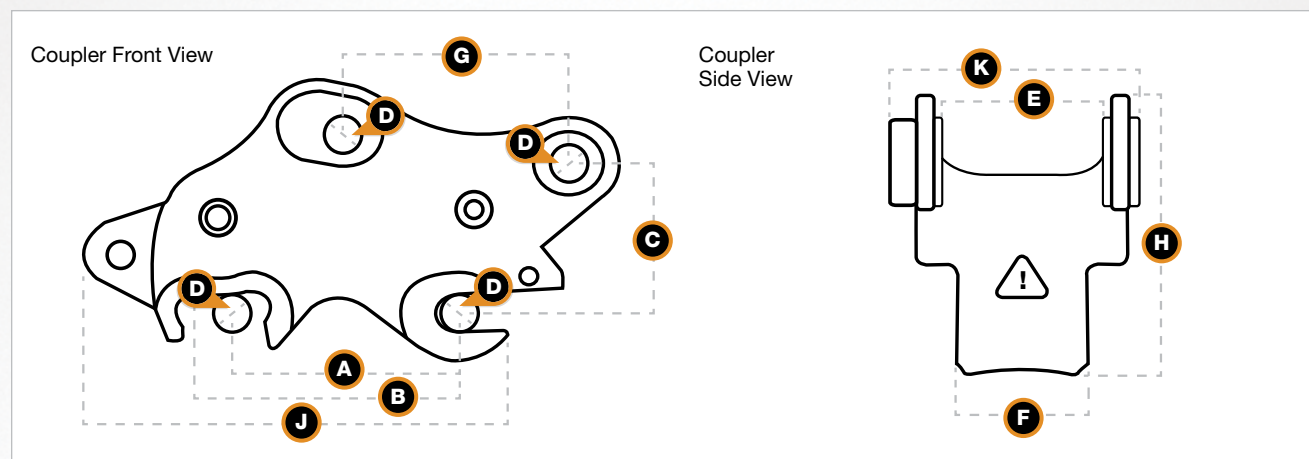
Coupler Versatility

The universal design of the CASE S Series Multi-fit Coupler allows for great versatility:

- Work in both backhoe and face-shovel positions
- Large swing radius allows for incredible digging and lifting power (as shown below)



Key Dimensions and Specifications



NHK EXCAVATOR MODEL	CX755R/CX80/CX75CSR/CX80C	CX130/CX130C/CX135SR/CX145C	CX160/180 All Series	CX210/230 All Series/CX225SR/CX225CSR	CX240/CX250C/CX290B/CX300C	CX350BC/CX370B/CX350C/CX370C	CX470B/CX470C
CNH Part No.	47603352	47603183	47603184	47603185	47603353	47603354	47603356
Case Kit Part No.	47603261	47603262/47603263	47603264	47603267	47603269/47603272	47603273	47603274
Range	3	4	5	6	7	8	9
Cast or Fabricated	Cast	Cast	Cast	Cast	Cast	Cast	Cast
Dimension (mm/in) A	280mm/11.02" with 50mm/1.97" 290mm/11.42" with 60mm/2.36"	345mm/13.58" with 60mm/2.36" 355mm/13.98" with 65mm/2.56"	376mm/14.80" with 70mm/2.76" 391mm/15.39" with 80mm/3.15"	430mm/16.93"	443mm/17.44" with 80mm/3.15" 458mm/18.03" with 90mm/3.54"	482mm/18.98" with 90mm/3.54" 500mm/19.68" with 100mm/3.94"	537mm/21.14" with 100mm/3.94" 542mm/21.34" with 110mm/4.33"
Dimension (mm/in) B	317mm/12.48" with 50mm/1.97" 320mm/12.60" with 60mm/2.36"	415mm/16.34" with 60mm/2.36" 420mm/16.54" with 65mm/2.56"	472mm/18.58" with 70mm/2.76" 477mm/18.78" with 80mm/3.15"	520mm/20.47"	520mm/20.47" with 80mm/3.15" 525mm/20.67" with 90mm/3.54"	602mm/23.70" with 90mm/3.54" 607mm/23.9" with 100mm/3.94"	630mm/24.08" with 100mm/3.94" 635mm/25" with 110mm/4.33"
Dimension (mm/in) C	220mm/8.66"	275mm/10.83"	305mm/12"	305mm/12"	353mm/13.9"	364mm/14.33"	435mm/17.13"
Dimension (mm/in) D TOP	50mm/1.97"	65mm/2.56"	80mm/3.15"	80mm/3.15"	90mm/3.54"	90mm/3.54"	100mm/3.94"
Dimension (mm/in) D LOWER	50mm/1.97" & 60mm/2.36"	60mm/2.36" & 65mm/2.56"	70mm/2.76" & 80mm/3.15"	80mm/3.15"	80mm/3.15" & 90mm/3.54"	90mm/3.54" & 100mm/3.94"	100mm/3.94" & 110mm/4.33"
Dimension (mm/in) E	192mm/7.56"	255mm/10.04"	302mm/11.89"	307mm/12.09"	326mm/12.83"	401mm/15.79"	481mm/18.94"
Dimension (mm/in) F	164mm/6.46"	216mm/8.5"	272mm/10.71"	302mm/11.89"	321mm/12.64"	340mm/13.39"	396mm/15.59"
Dimension (mm/in) G	322mm/12.68"	385mm/15.16"	455mm/17.91"	470mm/18.5"	490mm/19.29"	545mm/21.46"	585mm/23.03"
Dimension (mm/in) H	410.5mm/16.16"	510.5mm/20.09"	580mm/22.83"	576mm/22.68"	657mm/25.87"	654mm/25.75"	775mm/30.51"
Dimension (mm/in) J	536mm/21.1"	696.1mm/27.41"	743.5mm/29.27"	815.5mm/32.11"	842mm/33.15"	941.5mm/37.07"	1,079mm/42.48"
Dimension (mm/in) K	312mm/12.28"	394mm/15.51"	442mm/17.4"	462mm/18.19"	483mm/19.02"	599mm/23.58"	691mm/27.2"
Weight – Coupler Only (kg/lb)	93kg/205lb	180kg/396lb	263kg/579lb	310kg/683lb	470kg/1,036lb	560kg/1,234lb	860kg/1,892lb

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Competitor Model Compatibility

RANGE 3	Machine Weight		6-10 m T		The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)					
			13-22,000 lbs		OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center	
	Coupler Weight		93 kg		CASE	CX75SR/CX80	50	50	192	192	300	
			205 lbs		CAT	308D	50	50	201	201	306	
	Minimum Width (between bucket bosses)		167mm		Hitachi	ZX80/ZX85	50	50	202	202	310	
					Kobelco	SK80	50	50	182	182	290	
			6.57"		Komatsu	PC78/PC88/PW98	50	50	202	202	312	
					Kubota	KX80	60	60	200	200	300	
	Pin Diameter		50mm & 60mm		Liugong	908D	50	50	229	229	312	
			1.97" & 2.36"		New Holland	E70SR/E80SR	50	50	182	182	290	
Pin Spread		50mm pins	280mm-317mm		Takeuchi	TB175/TB180	50	50	167	167	292	
			11.02"-12.48"		Volvo	ECR88	60	60	172	172	290	
		60mm pins	290mm-320mm									
			11.42"-12.60"									

RANGE 4	Machine Weight		11-14 m T	The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)					
			24-30,000 lbs	OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center	
	Coupler Weight		180 kg	CASE	CX130B/CX135SR	65	65	256	256	355	
			396 lbs	CAT	311D/312D/314D	65	65	221	221	406	
	Minimum Width (between bucket bosses)		221mm	Doosan	S140/DX140/DX140W/DX160	65	65	262	262	408	
			8.70"	Hitachi	ZX130/ZX135	65	65	256	256	362	
	Pin Diameter		60mm & 65mm	Hyundai	R130/R140/R145	65	65	260	260	396	
			2.36" & 2.56"	JCB	JS130/JS145	65	65	255	255	385	
	Pin Spread		60mm pins	345mm-415mm	Liugong	915D	65	65	260	260	375
					Kobelco	SK135	65	65	252	252	370
65mm pins			13.58"-16.33"	Komatsu	PC130/PC138/PW140/PW148	60	60	261	261	375	
			355mm-420mm	New Holland	E135SR	65	65	252	252	370	
			13.97"-16.53"	Volvo	EC140C/ECR145C	65	65	274	274	380	

RANGE 5	Machine Weight		15-19 m T		The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)					
			33-39,000 lbs		OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center	
	Coupler Weight		263 kg		CASE	CX160B/CX180B/ WX165/WX185	80	80	301	301	435	
			579 lbs		CAT	315/C/D	70	70	282	282	463	
	Minimum Width (between bucket bosses)		277mm		Hitachi	ZX160	80	80	307	307	401	
			10.90"		Hyundai	R160/R170W/R180	70	70	309	309	410	
	Pin Diameter		70mm & 80mm		JCB	JS160	80	80	301	301	435	
			2.75" & 3.15"		Kobelco	SK150	70	70	302	302	411	
	Pin Spread		70mm pins	376mm-472mm		Komatsu	PC160/PC180	70	70	312	312	401
				14.80"-18.58"		New Holland	E175C/E195C	70	70	302	307	391
80mm pins			391mm-477mm		Volvo	E160C/EC180C/ EW160C/EW180C	70	70	289	289	440	
			15.39"-18.78"									

RANGE 6	Machine Weight	20-22 m T		The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)				
		44-48,500 lbs		OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center
	Coupler Weight	310 kg		CASE	CX210B	80	80	307	307	450
		683 lbs		CAT	B' Linkage*	80	80	311	311	445
	Minimum Width (between bucket bosses)	307mm		Doosan	DX180/DX225	80	80	334	334	464
		12.08"		Hitachi	ZX180/ZX200/ZX210/ZX225	80	80	307	307	472
	Pin Diameter	80mm		Hyundai	R200/R210/R235	80	80	332	332	460
				JCB	JS190/JS200/JS210/JS220	80	80	307	307	450
		3.15"		Kobelco	SK200/SK210/SK235	80	80	327	327	445
	Pin Spread	430-520mm		Komatsu	PC210/PC228	80	80	327	327	458
				Liugong	922D/E	80	80	339	339	480
		16.93"-20.47"		New Holland	E215	80	80	307	307	430
				Volvo	EC210C/E220D	80	80	325	326	467

RANGE 7	Machine Weight	23-29 m T		The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)				
		50-64,000 lbs		OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center
	Coupler Weight	470 kg		CASE	CX240B/CX290B	90	90	326	326	460
		1,036 lbs		CAT	C' Linkage*	80	80	351	351	485/512
	Minimum Width (between bucket bosses)	326mm		CAT	CB' Linkage*	90	90	351	351	485/512
		12.83"		Doosan	DX300	90	90	396	396	512
	Pin Diameter	80mm & 90mm		Hitachi	ZX240/ZX250/ZX290	90	90	410	410	475
		3.15" & 3.54"		Hyundai	R250/R290	90	90	400	400	511
	Pin Spread	80mm pins	443mm-520mm	JCB	JS240	90	90	326	326	460
			17.44"-20.47"	Komatsu	PC240/PC290	80	80	327	327	446/520
		90mm pins	458mm-525mm	Liugong	925	90	90	409	409	475
				Volvo	EC250D	90	90	381	381	506
			18.03"-20.66"	Volvo	EC300D	90	90	411	411	495

RANGE 8	Machine Weight	30-38 m T		The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)				
		66-84,000 lbs		OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center
	Coupler Weight	560 kg		CASE	9033/CX330/CX350B	90	90	401	401	535
		1,234 lbs		CAT	D' Linkage*	90	80	386	386	485-512
	Minimum Width (between bucket bosses)	346mm		CAT	DB' Linkage*	100	90	386	386	500-527
		13.62"		Doosan	DX340	100	100	411	411	557.5
	Pin Diameter	90mm & 100mm		Hitachi	ZX350	100	100	420	420	585
		3.54" & 3.93"		Hyundai	R320/R380	100	100	432	432	553
	Pin Spread	90mm pins	482mm-602mm	JCB	JS290/JS330/JS360	90	90	401	401	565
			18.98"-23.70"	Kobelco	SK350	90	90	384	384	534
		100mm pins	500mm-607mm	Komatsu	PC350	90	90	346	346	514
			19.69"-23.90"	Liugong	936D	100	100	420	420	578

RANGE 9	Machine Weight		40-47 m T	The PowerLatch will pick up attachments made for:		Key Bucket Dimensions (mm)						
			80-120,000 lbs		OEM	Machine Model	Front Pin Dia.	Rear Pin Dia.	Front Boss Width	Rear Boss Width	Pin Center	
	Coupler Weight		860 kg		CASE	CX460/CX470/9045	100	100	481	481	570	
			1,892 lbs		CAT	TB Linkage*	110	100	441	441	587	
	Minimum Width (between bucket bosses)		401mm		Deere	JD450	110	110	472	472	572	
			14.64"		Hitachi	ZX450/EX450	110	110	472	472	572	
	Pin Diameter		100mm & 110mm		Hyundai	R450	100	100	430	430	577	
			3.54"-3.93"		JCB	JS450/JS460	100	100	480	480	570	
	Pin Spread		100mm pins	537mm-630mm		Kobelco	SK400/SK460	100	100	454	454	608
				21.14"-24.08"		Komatsu	PC400/PC450	100	100	372	372	537
			110mm pins	542mm-635mm		Liugong	CLG950	100	100	389	389	537
				21.34"-25.00"		Volvo	EC360C/EC380D	110	100	440	400	570
					Volvo	EC460C/EC480D	110	100	470	430	570	

*For CAT machines of 20 tonne and above, the linkage type should be used when checking bucket compatibility, not the machine model.

