



Cat[®] Hydraulic Connecting CW Couplers

Excavator Couplers

Technical Specifications

Not all attachments available in all regions. Consult your Cat[®] dealer for specific configurations available in your region.

Table of Contents

Specifications	2
Quick Disconnects	3
Dimensions	4
Matching	5
Machine Matching	5
Hydromechanical Matching	6

Hydraulic Connecting CW Couplers

Technical Specifications

The following information is specific to just the couplers. Consult your dealer on appropriate coupler and bracket compatibility.

Refer to the below to identify the linkage family when determining bucket compatibility.

See "Buckets for Hydraulic Excavators Technical Specifications" ([GEJQ0372](#)) for additional bucket information. Consult your Cat dealer for specific configurations available in your region.

Model	Part No.	Linkage	Secure Lock (Yes/No)	Carrier Weight, Minimum ton	Carrier Weight, Maximum ton	Break-out Force kN-m	Hydraulic Pressure Lock Max		Hydraulic Pressure Unlock Max		Required Flow Lock/ Unlock L/min	Weight		Lift Hook Capacity	
							bar	psi	bar	psi		kg	lb	ton	lb
HCCW20	636-2220	M312/ M315	No	7,5	15	<125	120	1740	350	5076	10-20	365	166	10	20,000
	626-3165	312	No	7,5	15	<125	120	1740	350	5076	10-20	354	161	10	20,000
	636-2360	M312/ M315	Yes	7,5	15	<125	120	1740	350	5076	10-20	366	166	10	20,000
	628-7783	312	Yes	7,5	15	<125	120	1740	350	5076	10-20	355	161	10	20,000
HCCW30	621-2292	315/316	No	15	20	<190	120	1740	350	5076	10-20	379	172	10	20,000
	628-7784	315/316	Yes	15	20	<190	120	1740	350	5076	10-20	381	173	10	20,000
HCCW40	617-8134	M318/ M320 B	No	20	27	<275	120	1740	350	5076	10-20	377	171	10	20,000
	628-7785	M318/ M320 B	Yes	20	27	<275	120	1740	350	5076	10-20	378	172	10	20,000
	618-2054	CB	No	20	27	<275	120	1740	350	5076	10-20	409	186	10	20,000
	621-2289	UHD	No	20	27	<275	120	1740	350	5076	10-20	391	177	10	20,000
	628-7786	CB	Yes	20	27	<275	120	1740	350	5076	10-20	411	186	10	20,000
	628-7787	UHD	Yes	20	27	<275	120	1740	350	5076	10-20	392	178	10	20,000

Hydraulic Connecting CW Couplers

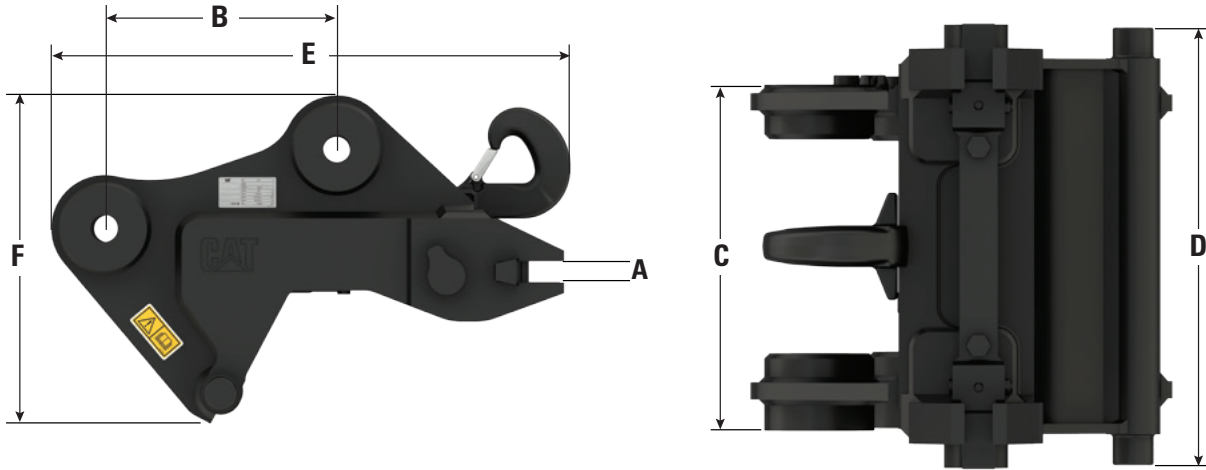
Quick Disconnects

HCCW Couplers:

Model	Part Number	Linkage	Installed				Optional	
			3/8	1/2	3/4	1	1/2	3/4
HCCW20	636-2220	M312/M315		3	2			
	626-3165	312		3	2			
	636-2360	M312/M315		3	2			
	628-7783	312		3	2			
HCCW30	621-2292	315/316		3	2			
	628-7784	315/316		3	2			
HCCW40	617-8134	M318/M320 B		3	2			
	628-7785	M318/M320 B		3	2			
	618-2054	CB		3	2			
	621-2289	UHD		3	2			
	628-7786	CB		3	2			
	628-7787	UHD		3	2			

Hydraulic Connecting CW Couplers

Dimensions



Model Name	Part Number	(A) Shaft Diameter		(B) Pin to Pin		(C) Width		(D) Total Outside Width		(E) Total Outside Depth		(F) Total Height	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
HCCW20	636-2220	60	2.4	475	18.7	550	21.7	640	25.2	949	37.4	591	23.3
	626-3165	60	2.4	475	18.7	550	21.7	640	25.2	942	37.1	609	24.0
	636-2360	60	2.4	475	18.7	550	21.7	640	25.2	949	37.4	591	23.3
	628-7783	60	2.4	475	18.7	550	21.7	640	25.2	942	37.1	609	24.0
HCCW30	621-2292	60	2.4	475	18.7	550	21.7	640	25.2	977	38.5	657	25.9
	628-7784	60	2.4	475	18.7	550	21.7	640	25.2	977	38.5	657	25.9
HCCW40	617-8134	60	2.4	475	18.7	550	21.7	640	25.2	977	38.5	615	24.2
	628-7785	60	2.4	475	18.7	550	21.7	640	25.2	977	38.5	615	24.2
	618-2054	60	2.4	475	18.7	550	21.7	640	25.2	989	38.9	668	26.3
	621-2289	60	2.4	475	18.7	550	21.7	640	25.2	1081	42.6	638	25.1
	628-7786	60	2.4	475	18.7	550	21.7	640	25.2	989	38.9	668	26.3
	628-7787	60	2.4	475	18.7	550	21.7	640	25.2	1081	42.6	638	25.1

Hydraulic Connecting CW Couplers

Machine Matching

Match

No Match

	HCCW20	HCCW30	HCCW40
Small Excavators			
313 GC	✓		
313	✓		
315 GC	✓		
315	✓		
316F		✓	
317 GC		✓	
317		✓	
318F		✓	
Medium Excavators			
320F			✓
320			✓
320 GC			✓
323F			✓
323			✓
325			✓
326F			✓
326			✓
330			✓
330 GC			✓
Large Excavators			
340 UHD			✓
352 LRE			✓
352 UHD			✓

	HCCW20	HCCW30	HCCW40
Wheeled Excavators			
M314F		✓	
M314	✓		
M315F		✓	
M315	✓		
M316F		✓	
M316		✓	
M317F		✓	
M317		✓	
M318F		✓	
M318		✓	
M319		✓	
M320F			✓
M320			✓
M322			✓
Material Handlers			
MH3022			✓
MH3024			✓
MH3026			✓

*when equipped with appropriate stick and bucket linkage

Hydraulic Connecting CW Couplers

Hydromechanical Matching

Check your machine's configuration to determine optimal coupler and attachment combinations.

Hydromechanical attachments equipped with an HCCW bracket are not compatible with a standard CW coupler.

Match

No Match

Family	Model	HCCW20	HCCW30	HCCW40
Hydraulic Hammers	H110 GC S	✓		
	H110 S	✓	✓	
	H115 GC S	✓	✓	✓
	H115 S	✓	✓	✓
	H120 GC S			✓
	H120 S		✓	✓
	H130 GC S			✓
	H130 S			✓
	H140 S			✓
Multi-Processors	MP318 Concrete Cutter Jaw			✓
	MP318 Demolition Jaw			✓
	MP318 Pulverizer Jaw			✓
	MP318 Shear Jaw			✓
	MP318 Universal Jaw			✓
	MP324 Concrete Cutter Jaw			✓
	MP324 Demolition Jaw			✓
	MP324 Pulverizer Jaw			✓
	MP324 Shear Jaw			✓
	MP324 Tank Shear Jaw			✓
	MP324 Universal Jaw			✓
Demolition and Sorting Grapples	G312 GC	✓		
	G313 GC	✓	✓	
	G314	✓	✓	
	G317 GC			✓
	G318			✓
	G318 WH 800			✓
	G318 WH 1100			✓
	G324			✓
	G324 WH 1500			✓
	G324 WH 1800			✓
	G332			✓
	Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓
S3025 Flat Top				✓
S3035 Flat top				✓
Pulverizers	P214 Secondary Pulverizer		✓	✓
	P218 Secondary Pulverizer			✓
	P224 Secondary Pulverizer			✓
	P318 Primary Pulverizer			✓
	P324 Primary Pulverizer			✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓
	CVP110			✓
Rotary Cutters	RC10	✓		
	RC15	✓	✓	✓
	RC20			✓
	RC30			✓
	RC50			

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

GEJQ0406-00 (02-2024)
(Afr-ME, Europe, Turkey)

© 2024 Caterpillar
All rights reserved

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

