



Cat[®] Hydraulic Connecting S Type Excavator Couplers

Cat[®] Hydraulic Connecting S Type Couplers connect to your machine's hydraulics and electronics giving you the ability to pick up an attachment with full functionality in seconds without leaving the cab. These couplers deliver the productivity and versatility benefits you expect from a coupler. Additionally, they bring safety to your people, equipment, and overall operation while increasing the life of the other attachments in your fleet.

Not all attachments are available in all regions. Consult your Cat dealer for specific attachments available in your region.

Average 37% Better Flow

- Couplings are machined and sized for the high-flow performance required by hydromechanical attachments.
- Better hydraulic flow results in fuel efficiency gains from less restricted hydraulics.
- Enclosed spring prevents contamination of hydraulic system.
- Fail-safe fluid connections create a system for hydraulic fluid flow and no opportunity for spills during tool exchange.
- Internally routed hoses in the bracket and coupler use fewer external hoses, reducing overall hose and repair costs.

Average 10 Times Better Quick Disconnect Life

- Quick disconnect design improves lifespan and is easy to service.
- Design of cover lid and sealing adds protection for couplings and prevents contamination to hydraulic system.
- Machined position of quick disconnects creates the best bracket to coupler connection.
- Quick disconnect couplings are installed in the same direction as the locking force with a solid flange to ensure a solid fit. No locking rings or nuts which increase the chances of loose or broken parts.

Industry-leading Safety

- Industry-leading safety features in sensor technology.
- Safe coupler locking complies with updated European EN474 safety standard.
- Keep everyone on the job site safer. The operator stays safe in the cab and no assistance is required to connect or disconnect hydraulic hoses during attachment changes.
- Multiple electronic and mechanical measures in place to keep attachment secure, even if a pressure loss occurs.
- Operator has visual and audible confirmations from inside the cab of successful attachment connection.
- Heavy-duty locking wedge design keeps connections tight and in place during use.

Additional Versatility

- Attachment switching with a hydraulic connect coupler:
 - Quick changes mean operators will utilize task and application appropriate attachments, increasing overall productivity and extending the life of the attachments.
 - The ability to exchange attachments easily can reduce the number of machines needed for a job.
 - Fast attachment changes with the hydraulic connecting interface will save time over static couplers or pin-on attachments.
- Electric connector allows for full functionality when working in combination with tiltrotators, ditch cleaning tilt buckets, and mulchers or other attachments with electronic harnesses for grade sensors or tool functions.
- Each coupler comes standard with a lifting hook with 5-, 8- or 10-ton lift capacity depending on the size class.

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Specifications									
Model	Part No.	Linkage	Carrier Weight, Maximum	Permitted Positive Torque	Permitted Negative Torque	Weight		Lift Hook Capacity	
			ton	kN-m	kN-m	kg	lb	ton	lb
HCS60	582-8807	M312	19	165	108	175	386	5	10,000
	590-2376	312	19	165	108	150	331	5	10,000
	590-2377	315	19	165	108	177	390	5	10,000
HCS65	590-2379	M312	20	240	156	211	465	5	10,000
	590-2380	312	20	240	156	195	430	5	10,000
	583-0661	315	20	240	156	215	474	5	10,000
HCS70	582-8929	B/M320	30	300	195	294	648	8	16,000
	580-0407	CB	30	300	195	319	703	8	16,000
	598-7847	UHD	30	300	195	331	730	8	16,000
HCS70/55	582-9886	B/M320	30	350	228	329	725	8	16,000
	582-9976	CB	30	350	228	350	772	8	16,000
	598-7849	UHD	30	350	228	358	789	8	16,000
HCS80	583-0203	CB	40	500	325	435	959	10	20,000
	583-0212	DB	40	500	325	466	1,027	10	20,000

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

GEHQ9307-00 (01-2021)
(EU, N Am, S Am)

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