



Cat® Dual Lock Pin Grabber Couplers

Mini Hydraulic Excavators

Features:

Convenience of a Pin Grabber Coupler

- Cat® Dual Lock Pin Grabber Couplers allow work tools to be changed quickly – improving overall production and increasing machine versatility.
- Coupler is pinned in place of the bucket using standard pins and allows one machine to be used for multiple tasks on the job site.
- There are two types of Dual Lock Pin Grabber Couplers – Mechanical and Hydraulic (fully operable from the cab).

Confident, Secure Connection

- Cat Dual Lock Pin Grabber Coupler maintains a tight fit throughout the life of the coupler with an innovative wedge design.
- Primary and secondary locking systems are totally independent.
- Primary locking system consists of a locking wedge mechanism.
- Secondary locking system incorporates a spring-loaded rotating lock that automatically locks on the front pin on the work tool during coupling. Spring applied, hydraulically released on the hydraulic coupler, and spring applied, mechanically released on the mechanical coupler. Visible to the operator from the cab.

Versatility

- Pin Grabber design allows for buckets to be turned around in “front shovel” mode.
- Utilizes buckets that can be pinned directly to the stick.
- Hydraulic lines kits are available ex-factory and after market.

Improved Productivity

- Dual Lock is easy to operate, regardless of operator skill level, and easy to train new operators to use.
- Ability to see when the coupler is open or closed makes it intuitive to use, saving time when changing tools.
- Engage and disengage any compatible Cat bucket or work tool equipped with pins.

Easy to Maintain

- Straightforward design requires only daily greasing.
- No external or internal locking bars, locking pins, lynch pins or other loose coupler parts.
- Connector lines are routed through the coupler to protect hoses from damage.
- Mechanical coupler comes with standard ratcheting box wrench.

Compatibility

| | 303.5D CR 303.5E CR | 304D CR 304E CR | 305D CR 305E CR | 305.5D CR 305.5E CR | 307D 308D CR | 308E CR |
|---------------------------------|------------------------|--------------------|--------------------|------------------------|-----------------|---------|
| Mechanical 3 ton Coupler | X | X | | | | |
| Mechanical 5 ton Coupler | | | X | X | | |
| Mechanical 8 ton Coupler | | | | | X | X |
| Hydraulic 3 ton Coupler | X | X | | | | |
| Hydraulic 5 ton Coupler | | | X | X | | |
| Hydraulic 8 ton Coupler | | | | | | X |

Meets Australian Standard AS 4772 and European Standard EN 474-1.



Cat Dual Lock Pin Grabber Couplers



COMPASS control panel provides simple operation of Hydraulic Dual Lock Coupler at the push of a button.



Scan here to see the Hydraulic Dual Lock Coupler engage.



Scan here to see the Hydraulic Dual Lock Coupler disengage.

Performance Series Buckets

Performance Series Buckets utilize a system-based approach to balance bucket shape against the machine's linkage, weight, lift and tilt capacities. The result is a bucket optimized for performance and productivity, and intended for use in production applications.

Performance Series Buckets for Mini Hydraulic Excavators are designed for use in utility trenching, digging footings, backfilling and general excavating in construction, landscaping and utility.



Heavy Duty

Heavy Duty Buckets provide good all-around performance in general excavating applications. Transverse wear strips provide greater structural strength. Tapered sidewalls allow for easy dumping.

Sizes Available:

- Capacity: 0.05 to 0.39 m³ (1.7 to 13.77 ft³)
- Width: 305 to 914 mm (12 to 36 in)



Heavy Duty Capacity

Heavy Duty Capacity Buckets have the same strong, durable construction of Heavy Duty Buckets but are capable of moving greater volumes of material.

Sizes Available:

- Capacity: 0.08 to 0.30 m³ (2.9 to 10.6 ft³)
- Width: 305 to 914 mm (12 to 36 in)

Performance Series Buckets (cont'd)



Heavy Duty Rock

Heavy Duty Rock Buckets are designed to optimize performance in highly abrasive and high impact materials.

Sizes Available:

- Capacity: 0.23 to 0.31 m³ (8.1 to 10.8 ft³)
- Width: 619 to 762 mm (24 to 30 in)



Ditch Cleaning Buckets

Ditch Cleaning Buckets are ideal for cleaning wide trenches, slope-cutting, grading and finishing work.

Sizes Available:

- Capacity: 0.138 to 0.420 m³ (4.8 to 14.85 ft³)
- Width: 1000 to 1600 mm (40 to 63 in)



Tilting Ditch Cleaning Buckets

Tilting Ditch Cleaning Buckets are ideal for cleaning wide trenches, slope-cutting and profiling, as well as grading and finishing work.

Sizes Available:

- Capacity: 0.16 to 0.28 m³ (5.60 to 9.89 ft³)
- Width: 1200 to 1600 mm (47 to 63 in)

Hydromechanical Work Tools



Augers

Augers provide an optimum balance of speed and torque for maximum productivity. Cat Augers are designed for drilling holes for footings, fencing, signs, trees and shrubs in construction, agriculture and landscaping applications.

Three models of Cat Augers are available for use with the Dual Lock Pin Grabber Coupler with a range of 2304 to 6833 N-m (1,700 to 5,040 lb/ft) drive shaft torque @ maximum pressure.



Compactors

Cat Vibratory Plate Compactors are designed to compact soil, sand or gravel in a variety of applications such as trenching and sloping applications prior to setting pipe, pouring concrete or laying asphalt. Additionally, they may be used to drive fence posts and to compact waste.

Available with a 16 kN (3,650 lbf) and 40 kN (8,928 lbf) impulse force.



Hammers

Cat Hydraulic Hammers are designed to break up concrete, asphalt or rock in demolition, road construction, driveway and sidewalk removal, bridge renewal and landscaping applications.

There are four Cat Hammers available for use with the Dual Lock Pin Grabber Coupler in the following operating weights; 199 kg (438 lb), 271 kg (598 lb), 500 kg (1,103 lb) and 627 kg (1,382 lb).

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Additional Work Tools



Shears

Cat Shears are designed to easily cut steel, rebar, pipe, cable and heavy gauge wire.

Available with a throat force of 1812 kN (204 ton-f).



Thumbs

Cat Thumbs are versatile tools designed to work with the Cat Mini Hydraulic Excavator bucket to easily grab, pick up, handle and load irregular or loose material, which would otherwise be difficult to handle with a bucket only. Thumbs are ideal for handling wooden logs, poles, brush, metal, trash, rock and debris in site clean up, land clearing, landscaping, material handling and construction applications.

Available for the 406 to 762 mm (16 to 30 in) buckets on the 3 ton machines and for the 457 to 914 mm (18 to 36 in) buckets on the 5 and 8 ton machines.