

# Operators Manual

## Hydraulic Grab for Excavator



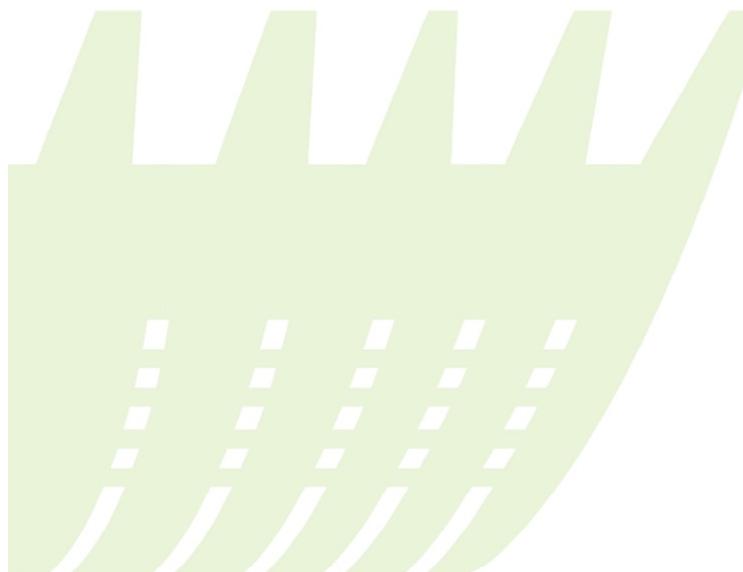
Size Range 5-50 ton

Make: AU



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## OVERVIEW

An excavator attachment for picking up material.

The hydraulic grab attachment is designed to enhance the capabilities of your excavator by allowing it to efficiently handle and manipulate various materials such as rocks, logs, debris, and more.

Its five finger interlocked design allows for precise handling of a wide range of materials, and the extreme closing pressures and wide jaw opening minimise load loss and improve operator productivity.

It has easily accessible grease points ensure that the Hydraulic Grab is easy to maintain, reducing downtime and increasing efficiency.

**This manual provides general guidelines for the safe operation of the attachment, but specific compatibility with your excavator may vary.**

## SAFETY EQUIPMENT

Ensure all personnel using, installing, maintaining, or repairing this equipment have the following safety equipment and ensure all operators of this equipment are trained in the use of the loader in use of the HYDRAULIC GRAB and are aware of the safety requirements and accident prevention requirements on individual sites.

- Safety Footwear
- Safety Glasses
- Reflective Safety Vest
- Hearing/Ear Protection

1. Keep personnel and bystanders clear of the HYDRAULIC GRAB while in operation.
2. The HYDRAULIC GRAB must not be operated unless the operator is in full control of the Excavator. Operate the HYDRAULIC GRAB from the operator's seat only.
3. Make daily visual inspections of all fasteners, hoses, and the grab.
4. Do not stand beneath the attachment or load during operation.

## INSTALLATION

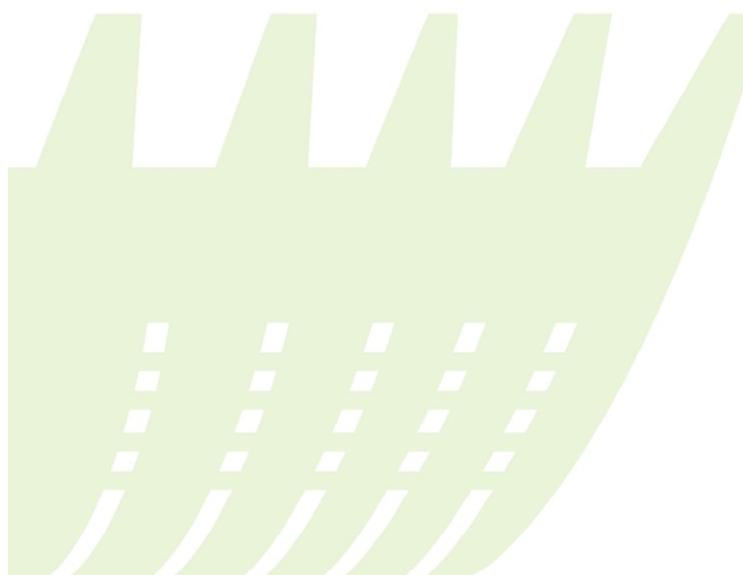
1. Follow safety rules and the instructions in your machine's operator manual to attach the HYDRAULIC GRAB to your machine. Attach hydraulic hoses and couplings after attaching HYDRAULIC GRAB.
2. Ensure that the hydraulic lines are connected correctly and securely to the excavator's hydraulic system.
3. Verify that all hydraulic connections are free of leaks.
4. Double-check the attachment's secure fit on the excavator.
5. Follow excavator's operations instructions in relation to pressure, reverse flow and lift capacities.

## OPERATION

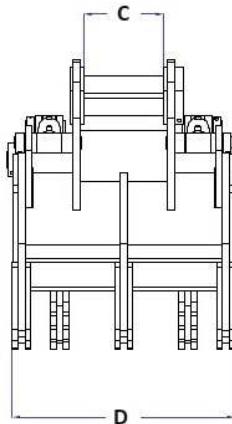
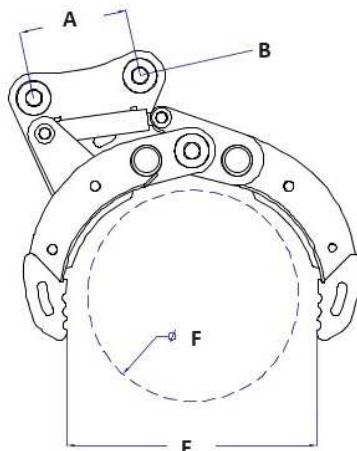
1. Start the excavator's engine and allow it to warm up.
2. Familiarize yourself with the excavator's controls and the attachment's control system.
3. Gently test the hydraulic grab's functions to ensure proper operation before full use.
4. Use the attachment to grab and manipulate materials as needed, following safe lifting and loading procedures.

## MAINTENANCE

1. Regularly inspect hydraulic hoses, connectors, and cylinders for signs of wear or damage.
2. Lubricate moving parts and grease points.
3. Keep all control surfaces and buttons clean and free of debris.
4. Perform regular maintenance as outlined in the excavator's and attachment's manuals.



## SPECIFICATIONS



All sizes in mm.

<b>A - Pin centers</b>	<b>B - Pin size</b>	<b>C - In-between Ears</b>	<b>D – Grab width</b>	<b>E – Total opening size</b>	<b>F – Max material size</b>	<b>Weight of grab kg</b>
270	45	200	630	940	850	380
340	45	200	630	940	850	380
230	45	200	630	940	850	380
310	50	210	630	940	850	380
300	60	260	760	1100	980	640
370	60	260	760	1100	980	640
430	60	280	760	1100	980	640
380	65	280	840	1120	1000	650
410	65	280	840	1120	1000	650
445	80	350	900	1305	1100	1000
470	80	350	900	1305	1100	1000
500	90	415	1160	1305	1200	1800
565	90	415	1160	1305	1200	1800
570	100	486	1270	1890	1600	2200
540	100	486	1270	1890	1600	2200
580	110	475	1300	2000	2000	3100

### Flow pressures

5 ton machine	40-60 lpm	Pressure 200 bar max
8-12 ton machine	40-60 lpm	Pressure 200 bar max
15-20 ton machine	40-60 lpm	Pressure 200 bar max
30 ton plus	40-60 lpm	Pressure 200 bar max