

Attachments for Every Requirement

Choice of Options

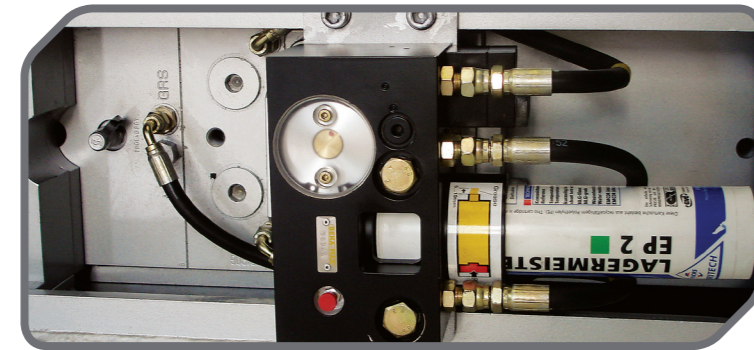
Auto Grease Bracket Mounted System

This system has many advantages:

- Save human negligence of filling grease.
- To greasing several times a day, manual control does not need.
- Contributing to longer machine life, especially for chisels.
- No extra power source to drive.
- Applicable breakers are from B70 to B800.

2 Stroke Remote Control System

- 2 Stroke Remote Control System is designed to be connected to Cabin conveniently so that operator can change the required stroke easily without wasting time.(B210~B800)
- Improved performance.
- Reduced the amount of wasted energy.



Shape of chisel

Classification	Major Contents	
Moil		● Concrete, Rocks, Pavements, Slopes
Wedge		● Trench, Slopes, Finishing
Blunt		● Quarries
Conical		● Concrete, Rocks, Pavements

Choosing the chisel for different rock types

Classification	Rock	Recommended Breakers	Recommended Chisels
Hard Rock	Basanite, Granite, Diabase	B140 to B800	Blunt type, Wedge type
Soft Rock	Sandstone, Limestone, Coal	B10 to B800	Moil type, Wedge type, conical type

Quality Management System



BMS Board & Ultra Sonic Machine

Test Bench

Test Facility

DAEMO

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PLEASE CONTACT

ISSUE : 2010. 4, Printed in KOREA

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alicon
Powerful Attachment

CREATE! alicon

alicon Series
Breakers



DAEMO
DAEMO ENGINEERING CO., LTD.

Engineered for Excellence

Responsible Promise

Advanced Value

Powerful Performance

Challenging Effort

Features of alicon Series

The newly born alicon Series has innovated with technology, is lighter, stronger, and more powerful than ever.

By enlarging the diameter of the T/Bolt the alicon series has improved its durability.

Improved possible fail points of the port (areas where bolts break and oil leaks) by changing the In / Out Port starting from B250 to B450.

Changed the Box Housing to Bending design housing for more durability.

Advanced Functions : ABF (Anti Blank Firing) System, TPC (Total Power Control) system, Internal Relief Valve, BPM adjust Valve, Provision Hole for under water works and Auto Grease System.

Diversified in 17 products lines to fit to any work conditions.

Redesigning of the chisel pin has improved the durability.

Applied more powerful breaking ability by enlarging the chisel's diameter.

Increased the life of the equipment (Chisel Pins, T/Bolts, F/Heads, etc.) by applying the ABF (Anti Blank Firing) System.

alicon Series Breakers

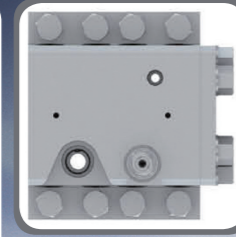
Valve Case with TPC (Total Power Control) system

• We have shortened the Height & Length of the valve case, but made the width wider for additional balance.

• Valve Plate : Increased the durability by using 6 bolts instead of 4 bolts.

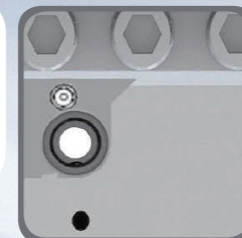
• 2 stroke selector is located on the Valve Case as a standard (B210~B800) to change from long stroke to short stroke according to operator's need for optimal performance.

• On the alicon series, there are more advanced functions to provide better choice to operator as an option : BPM Adjuster, Relief Valve, 2 stroke Remote Control Valve (This is designed to be connected to Cabin conveniently so that operator can change the required stroke easily without wasting time. (B210~B800))



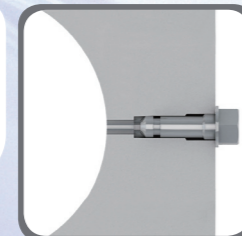
Energy Regeneration Valve

• After the piston hits the chisel, and the piston is retracting back up the cylinder, while the flow energy is harnessed up to 15% to be applied on the flow energy back down. (B600, B800)



2 Stroke Selector System

• 2 stroke selector is located on the side of Cylinder as a standard(B50~B180) to change from long stroke to short stroke according to operator's need for optimal performance.



Seal System

• By using only NOK seals on the alicon series, we have achieved longer seal life.

• On models B210 and up, an additional square buffer seal was added to increase the durability of the gas seals, step seals, and the piston.

• This buffer seal also helps to minimise the piston's shaking action.

ABF(Anti Blank Firing) System with Auto Control Valve

• ABF(Anti Blank Firing) System is provided as a standard starting from B50 to B800 Model.

• This system will help to protect the Chisel pins, T/Bolts and Front heads from Blank Firing, and it is suitable for all kinds of working environment.

• When Auto control valve is turned on, breaker operation will automatically start again by giving a small amount of pressure to Chisel, it will automatically stop when chisel is lift up or after breaking.

• But, from B600 to B800 models can not turn off the auto control valve to protect the breaker more perfectly.

• The distinctive feature will protect the equipment from Secondary breaking and amateur's operation by having the functioning of Anti Blank Firing automatically on breaker.



alicon Series Breaker Specification

Table with 19 columns (Item, Unit, B10, B20, B30, B40, B50, B70, B90, B140, B180, B210, B230, B250, B300, B360, B450, B600, B800) and 19 rows detailing various specifications like Operating Weight, Overall Length, Chisel Out Dia, Chisel Length, Settling Pressure, Working Pressure, Oil Flow, Blow Rate, Back Head N. Gas Pressure, and Suitable Exca.



Suitable Excavators

Table mapping Breaker models (B10, B20, B30, B40, B50, B70, B90, B140, B180, B210, B230, B250, B300, B360, B450, B600, B800) to various excavator models from manufacturers like Hyundai, Caterpillar, Komatsu, Hitachi, Volvo, Doosan, and JCB.

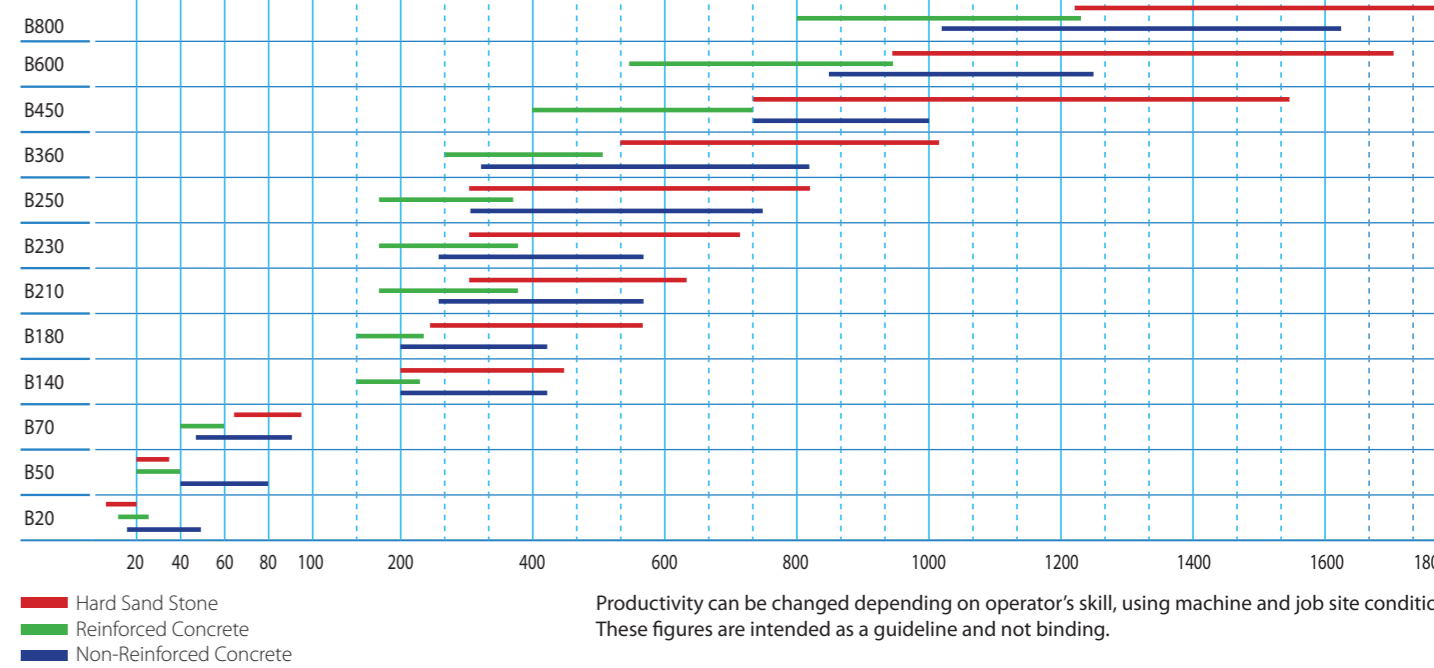
alicon Series Breakers - Application

Application matrix table showing suitability of alicon Series Breakers (B10 to B800) for various tasks: Under water works, Auto Greasing System Hole, TPC, ABF, Energy Regeneration Valve, Type of Installed Grease Unit, Type of Central Supply Grease Unit, BPM Adjuster, Internal Relief Valve, TPC Remote Control Type, and Low Noise Housing Bracket.

Suitable Excavators

Table mapping Breaker models (B10, B20, B30, B40, B50, B70, B90, B140, B180, B210, B230, B250, B300, B360, B450, B600, B800) to various excavator models from manufacturers like Case, Kobelco, New Holland, John Deere, Liebherr, Hidromek, and Sumitomo.

Productivity (8 hours per day)





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