

# Attachments Full Line-Up

**Best in Class** Durability, Reliability & Performance





## About DAEMO

DAEMO Engineering Co.,Ltd is one of the leading manufacturers of hydraulic attachment in Korea.

Since 1989, we have developed a state-of-art hydraulic attachments and DAEMO products have been playing a major role in various working site as like quarry, mining, construction site, building disassembly, road construction, housing land development public works, demolition site, sewage system etc.

DAEMO give you not only reliable products, but also responsible service through well organized worldwide sale Network system.

We have kept developing lots of diverse attachments with latest and sophisticated technology based on very well skilled workmanship. Thus our hydraulic breaker consist of minimum numbers of components which brings you easy maintenance and trouble free operation.

Accompanying with DAEMO will bring you more profit and satisfaction eventually.

## History of DAEMO

- Jul. 1989 Established Daemo Engineering Co.,Ltd.
- Apr. 1990 Distributor Agreement with ABI, Germany for Telescopic Boom, HVR Vibrators, Blowing & Drilling System, etc.
- Feb. 1992 OEM Agreement with Hyundai Heavy Industries.
- Mar. 1992 Developed Super Series of Non-Accumulator Type Breaker.
- Dec. 1992 Developed Hydraulic Concrete Crushers and Metal Shears.
- May. 1994 Awarded Korea Presidential Prize for being Excellent Enterprise.
- Jun. 1995 Acquired "CE" Certificatate from TUV in Germany.
- Oct. 1998 Awarded Presidential Prize for Excellent Machinery.
- Dec. 1999 Awarded the prize of USD 5 million export.
- Jan. 2000 Inaugurated Daemo America Inc. in Chicago, U.S.A.
- May. 2001 Obtained U.S patent for "Low Noise & Dust Proof Breaker".
- May. 2001 Obtained U.S Trademark for "DAEMO" by the United States Patent & Trademark office.
- Jun. 2001 Developed New V-series Hydraulic Breaker and Multi Processor.
- Aug. 2002 Moved to new office & factory in Shiwha Industrial Complex.
- Apr. 2003 Inaugurated CHANGZHOU DAEMO MACHINERY CO., LTD., CHINA.
- Jun. 2005 Inaugurated DAEMO EUROPE N.V., BELGIUM.
- Jun. 2006 Chosen as "World Class Company" by Korean Ministry of Commerce, Industry and Energy.
- Apr. 2007 Acquired "ISO14001".
- Dec. 2008 Awarded the prize of USD 20 million export.
- May. 2009 Acquired "KDB Global Star" Certificate Korea Industrial Bank.
- Oct. 2010 Acquired "Strong Exporter Certificate" Industrial Bank of Korea.
- Dec. 2011 Awarded the prize of USD 30 million export.

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# Breaker



## FEATURES

- ▶ 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.
- ▶ Changed the hose connecting port from Split Flange structure In/Out port to New Adaptor type port. This new port reduces possible fail points like connected bolt breakage, and oil leakage fundamentally (It applies to all models : B10~B800).
- ▶ Changed the Box Housing to Bending design for more durability.
- ▶ More options : Anti Blank Firing On/Off Valve, TPC system (2 stages stroke valve), Internal Relief Valve, BPM adjust Valve, Provision Hole for underwater works and Auto Grease System.
- ▶ Diversified 17 products lines to fit to any work conditions.
- ▶ Redesigned chisel pin has improved durability.
- ▶ Applied more powerful impact power by enlarging the chisel's diameter.
- ▶ Increased the life of the breaker (Chisel Pins, T/Bolts, F/Head, etc.) by applying the Anti Blank Firing system.



## SPECIFICATIONS

| Description                           |         | Unit                | B10                             | B20       | B30     | B40       | B50                                               | B70                    | B90                    | B140                 | B180                 | B210                 | B230                                           | B250                   | B300                 | B360                 | B450                 | B600                 | B800                 |
|---------------------------------------|---------|---------------------|---------------------------------|-----------|---------|-----------|---------------------------------------------------|------------------------|------------------------|----------------------|----------------------|----------------------|------------------------------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Suitable Exca.                        |         | ton                 | 0.5~1.5                         | 0.8~1.5   | 1.2~4   | 3~4.5     | 3~8                                               | 5~8                    | 6~9                    | 10~15                | 16~20                | 18~25                | 18~25                                          | 22~29                  | 26~32                | 28~36                | 40~50                | 42~81                | 55~100               |
| Control Type                          |         |                     | Internal built-in control valve |           |         |           | Outer Control valve installed without Accumulator |                        |                        |                      |                      |                      | Outer Control valve installed with Accumulator |                        |                      |                      |                      |                      |                      |
| Operating Weight                      | Side    | kg                  | –                               | –         | –       | 173       | 271                                               | 340                    | 513                    | 773                  | 1,199                | 1,647                | 1,663                                          | 2,020                  | 2,796                | 2,806                | 3,628                | –                    | –                    |
|                                       | Top Box | kg                  | 123                             | 155       | 190     | 199       | 333                                               | 431                    | 614                    | 929                  | 1,209                | 1,738                | 1,777                                          | 2,165                  | 2,832                | 2,937                | 3,713                | 4,105                | 5,625                |
| Overall Length                        | Side    | mm                  | –                               | –         | –       | 1,223     | 1,560                                             | 1,657                  | 1,842                  | 1,903                | 2,094                | 2,348                | 2,348                                          | 2,457                  | 2,732                | 2,732                | 3,070                | –                    | –                    |
|                                       | Top Box | mm                  | 1,128                           | 1,250     | 1,352   | 1,380     | 1,603                                             | 1,805                  | 1,981                  | 2,225                | 2,455                | 2,764                | 2,764                                          | 2,898                  | 3,200                | 3,200                | 3,595                | 3,616                | 4,059                |
| Chisel Out Dia.                       |         | mm                  | 40                              | 45        | 53      | 62        | 70                                                | 78                     | 85                     | 105                  | 120                  | 135                  | 140                                            | 145                    | 150                  | 155                  | 165                  | 180                  | 200                  |
| Chisel Length                         |         | mm                  | 425                             | 500       | 580     | 625       | 730                                               | 806                    | 850                    | 975                  | 1,165                | 1,250                | 1,250                                          | 1,280                  | 1,400                | 1,400                | 1,650                | 1,500                | 1,700                |
| Setting Pressure                      |         | kgf/cm <sup>2</sup> | 150                             | 150       | 150     | 150       | 170                                               | 180                    | 190                    | 190                  | 210                  | 210                  | 210                                            | 210                    | 210                  | 210                  | 210                  | 240                  | 250                  |
| Working Pressure                      |         | kgf/cm <sup>2</sup> | 80~110                          | 80~110    | 90~120  | 90~120    | 100~140                                           | 100~140                | 100~140                | 120~160              | 120~170              | 130~170              | 130~180                                        | 140~180                | 140~180              | 140~180              | 140~180              | 150~190              | 150~190              |
| Oil Flow                              |         | LPM                 | 15~25                           | 20~30     | 25~40   | 30~50     | 30~55                                             | 45~80                  | 50~100                 | 90~110               | 100~140              | 110~160              | 130~170                                        | 150~210                | 180~250              | 180~250              | 200~280              | 280~398              | 322~454              |
| Blow Rate (High Speed)                |         | BPM                 | 800~1,200                       | 600~1,000 | 550~950 | 400~1,000 | 350~900<br>(450~1,000)                            | 350~900<br>(450~1,000) | 300~700<br>(550~9,500) | 350~550<br>(500~750) | 350~550<br>(500~850) | 350~500<br>(450~600) | 250~400<br>(350~500)                           | 250~350<br>(300~4,500) | 200~350<br>(300~480) | 200~350<br>(300~480) | 200~300<br>(250~350) | 294~480<br>(368~600) | 231~374<br>(298~484) |
| Back Head N <sub>2</sub> Gas Pressure |         | kgf/cm <sup>2</sup> | 16.5                            | 16.5      | 16.5    | 12        | 12                                                | 12                     | 12                     | 12                   | 12                   | 11                   | 11                                             | 11                     | 11                   | 11                   | 11                   | 11                   | 11                   |

## BRACKET TYPE



Top Box Type  
(Low noise)



Top Box Type  
(Standard)



Top Split Type



Side Type

## 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<br>Diabase | B140~B800            | Blunt type,<br>Wedge type              |
| Soft rock      | Sandstone<br>Limestone Coal | B10~B800             | Moil type, Wedge<br>type, Conical type |

## APPLICATION

● STANDARD ● OPTION

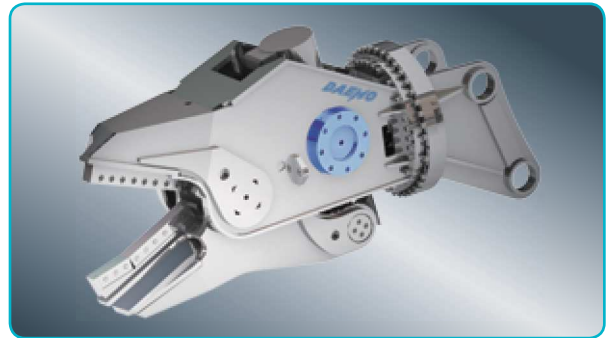
| Description                                          | B10 | B20 | B30 | B40 | B50 | B70 | B90 | B140 | B180 | B210 | B230 | B250 | B300 | B360 | B450 | B600 | B800 |
|------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Under water works                                    | —   | —   | —   | ●   | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Auto greasing system Hole                            | —   | —   | —   | —   | —   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| TPC (Total Power Control) System Selector Type       | —   | —   | —   | —   | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | —    | —    |
| Energy Regeneration Valve                            | —   | —   | —   | —   | —   | —   | —   | —    | —    | —    | —    | —    | —    | —    | —    | ●    | ●    |
| ABF (Anti Blank Firing) System                       | —   | —   | —   | —   | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Auto Greasing Unit                                   | —   | —   | —   | —   | —   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Central Grease Supply Unit                           | —   | —   | —   | —   | —   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| BPM Adjuster                                         | —   | —   | —   | —   | —   | —   | —   | —    | —    | ●    | ●    | ●    | ●    | ●    | ●    | —    | —    |
| Internal Relief Valve                                | —   | —   | —   | —   | —   | —   | —   | —    | —    | ●    | ●    | ●    | ●    | ●    | ●    | —    | —    |
| TPC (Total Power Control) System Remote Control Type | —   | —   | —   | —   | —   | —   | —   | —    | —    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Low Noise Housing Bracket                            | —   | —   | —   | ●   | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |

# Shear



## FEATURES

- 360-degrees directional work ability.
- Steel structures like H-beams or I-beams can be cut in a single cut.
- Easier Cutter replacement.
- Scientific cutting structure and excellent durability.
- The Speed-up valve can accelerate work speed (option).



## SPECIFICATIONS

| Description         | Unit                | DMS250    | DMS300    | DMS330    | DMS550X              |
|---------------------|---------------------|-----------|-----------|-----------|----------------------|
| Operating Weight    | kg                  | 2,200     | 2,920     | 2,790     | 6,800                |
|                     | lb                  | 4,850     | 6,437     | 6,151     | 14,991               |
| Max. Opening Width  | mm                  | 668       | 570       | 806       | 802                  |
|                     | inch                | 26.3      | 22.4      | 31.7      | 31.6                 |
| Overall Length      | mm                  | 2,353     | 2,410     | 2,588     | 5,056                |
|                     | inch                | 92.6      | 94.9      | 101.9     | 244                  |
| Cutting Force (Max) | ton                 | 259       | 354       | 354       | 1,468                |
| Operating Pressure  | kgf/cm <sup>2</sup> | 320       | 320       | 320       | 340                  |
|                     | psi                 | 4,552     | 4,552     | 4,552     | 5,500                |
| Oil Flow Rate       | LPM                 | 200~250   | 250~300   | 250~300   | 250~320              |
|                     | GPM                 | 52.8~66.1 | 66.1~79.3 | 66.1~79.3 | 66.1~84.6            |
| Excavator class     | ton                 | 22~27     | 27~33     | 27~33     | 36~(2nd)<br>50~(3rd) |



# Fixed Crusher



## FEATURES

- Enhanced durability with wear-resistant teeth material.
- Diversified teeth enable fine crushing, which enhances work efficiency.
- Lower noise, less vibration design enables works in almost any environments.
- Economical demolition by crushing the concrete and cutting the reinforced steel bars in it for separation purpose.
- The Speed-up valve can accelerate work speed (option).
- Option : Tooth replacement type (DMC140~DMC300).



## SPECIFICATIONS

| Description          | Unit                | DMC140    | DMC180    | DMC210    | DMC300    |
|----------------------|---------------------|-----------|-----------|-----------|-----------|
| Operating Weight     | kg                  | 1,314     | 1,418     | 1,926     | 2,550     |
|                      | lb                  | 2,897     | 3,126     | 4,246     | 5,622     |
| Max. Opening Width   | mm                  | 612       | 728       | 784       | 915       |
|                      | inch                | 24.1      | 28.7      | 30.9      | 36.0      |
| Overall Length       | mm                  | 1,965     | 2,050     | 2,222     | 2,351     |
|                      | inch                | 77.4      | 80.7      | 87.5      | 92.6      |
| Crushing Force (END) | ton                 | 42        | 44        | 57        | 73        |
| Operating Pressure   | kgf/cm <sup>2</sup> | 280       | 280       | 320       | 320       |
|                      | psi                 | 3,983     | 3,983     | 4,552     | 4,552     |
| Oil Flow Rate        | LPM                 | 170~220   | 180~220   | 200~250   | 250~300   |
|                      | GPM                 | 44.9~58.2 | 47.6~60.8 | 52.8~66.1 | 66.1~79.3 |
| Excavator class      | ton                 | 13~20     | 16~23     | 20~28     | 27~36     |

# Rotating Crusher



## FEATURES

- 360-degrees directional work ability.
- Available for separating and cutting steel bars as well as breaking columns.
- Enabled demolition in narrow building spaces or noise regulated environments with innovative performance.
- The Speed-up valve can accelerate work speed (option).
- Option : Tooth replacement type (DMC230R, DMC330R).



## SPECIFICATIONS

| Description          | Unit                | DMC230R   | DMC330R   |
|----------------------|---------------------|-----------|-----------|
| Operating Weight     | kg                  | 2,250     | 3,050     |
|                      | lb                  | 4,960     | 6,724     |
| Max. Opening Width   | mm                  | 780       | 890       |
|                      | inch                | 30.7      | 35.0      |
| Overall Length       | mm                  | 2,500     | 2,660     |
|                      | inch                | 98.4      | 104.7     |
| Crushing Force (END) | ton                 | 57        | 73        |
| Operating Pressure   | kgf/cm <sup>2</sup> | 320       | 320       |
|                      | psi                 | 4,552     | 4,552     |
| Oil Flow Rate        | LPM                 | 200~250   | 250~300   |
|                      | GPM                 | 52.8~66.1 | 66.1~79.3 |
| Excavator class      | ton                 | 20~28     | 27~36     |

# Mini Crusher



## FEATURES

- Dual cylinder system for speedy & powerful operation.
- Enhanced durability by applying HARDOX.
- Easy maintenance.
- Powerful performance with minimum vibration.
- The Speed-up valve can accelerate work speed (option).
- Free rotating type (Standard).



## SPECIFICATIONS

| Description          | Unit | DMC10 | DMC30   | DMC50 |
|----------------------|------|-------|---------|-------|
| Operating Weight     | kg   | 160   | 265     | 420   |
| Max. Opening Width   | mm   | 330   | 410     | 520   |
| Crushing Force (END) | ton  | 17    | 21      | 33.5  |
| Excavator class      | ton  | 1.5~2 | 2.5~3.5 | 4~5.5 |

# Multi Processor



## FEATURES

- Stronger breaking power maximizes work efficiency.
- Both crushing concrete and cutting reinforced steel is available by switching Arms.
- Improved work ability and mobility by adopting hydraulic rotating motor.
- Durability guaranteed by improved design.
- Reliability enhanced by Quality Assurance System.
- The Speed-up valve can accelerate work speed (option).



## SPECIFICATIONS

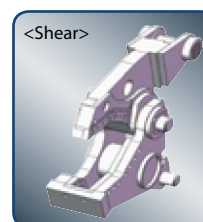
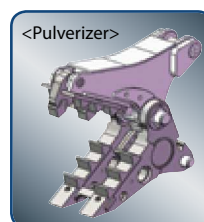
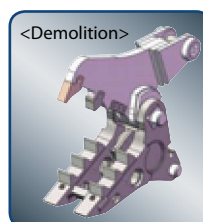
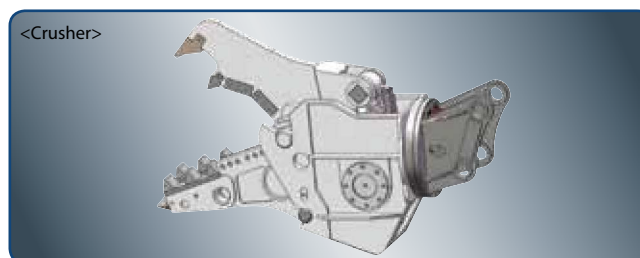
| Description                          | Unit | DMP230CMS | DMP330CMS | DMP330CML | DMP330SM  |
|--------------------------------------|------|-----------|-----------|-----------|-----------|
| Operating Weight                     | kg   | 1,730     | 2,850     | 2,910     | 3,000     |
|                                      | lb   | 3,814     | 6,283     | 6,415     | 6,614     |
| Max. Opening Width                   | mm   | 900       | 1,110     | 1,220     | 613       |
|                                      | inch | 35.4      | 43.7      | 48.0      | 24.1      |
| Overall Length                       | mm   | 2,044     | 2,474     | 2,546     | 2,508     |
|                                      | inch | 80.5      | 97.4      | 100.2     | 98.7      |
| Crushing Force (END)                 | ton  | 55        | 91        | 84        | —         |
| Average Cutting Force (Cutter INNER) | ton  | 577       | 584       | 584       | 452       |
| Oil Flow Rate                        | LPM  | 200~250   | 250~300   | 250~300   | 250~300   |
|                                      | GPM  | 52.8~66.1 | 66.1~79.3 | 66.1~79.3 | 66.1~79.3 |
| Excavator class                      | ton  | 18~26     | 27~36     | 27~36     | 27~36     |

# Multi Processor DMP250Q



## FEATURES

- Four different Arm replaceable (Crusher, Shear, Demolition, Pulverizer).
- Replacing Arm can be done within 10 min by applying hydraulic cylinder system.
- Enhanced safety with Check Valve and mechanical Spring.
- Tooth replacement available.
- Enhanced durability by applying Hardox400 & Hardox Hituf.
- High work efficiency with Speed-up valve as Standard.



## SPECIFICATIONS

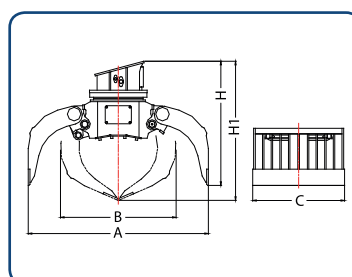
| Description             | Unit                    | Crusher Arm    | Demolition Arm | Pulverizer Arm | Shear Arm          |
|-------------------------|-------------------------|----------------|----------------|----------------|--------------------|
| Operating weight        | kg/lb                   | 2,780 / 6,129  | 2,700 / 5,688  | 2,700 / 5,952  | 2,580 / 5,952      |
| Crushing Force (Tip)    | ton                     | 85             | 85             | 85             | 120                |
| Crushing Force (Mid)    | ton                     | 120            | 140            | 130            | 190                |
| Opening Width           | mm/inch                 | 875 / 34.4     | 940 / 37       | 945 / 37.2     | 480 / 18.9         |
| Width Upper Jaw         | mm/inch                 | 80 / 3.2       | 80 / 3.2       | 316 / 12.4     | 120 / 4.7          |
| Width Lower Jaw         | mm/inch                 | 426 / 16.8     | 500 / 19.7     | 490 / 19.3     | 352 / 13.9         |
| Cutter Length           | mm/inch                 | 200+200 / 15.7 | 200 / 7.9      | 200 / 7.9      | 300+250 / 11.8+9.8 |
| Operating Pressure      | kg/cm <sup>2</sup> /psi | 350 / 4,978    |                |                |                    |
| Oil Flow Rate           | LPM                     | 150~250        |                |                |                    |
| Cycle Time (Open/Close) | sec                     | 2.0 / 2.3      |                |                |                    |
| Rotation Pressure       | kg/cm <sup>2</sup> /psi | 170 / 2,418    |                |                |                    |
| Rotation Flow           | LPM                     | 40~60          |                |                |                    |
| Excavator               | ton                     | 20~35          |                |                |                    |

# Sorting Grab / Rake



## FEATURES

- Link Type mounting bracket.
- Rotating Option : Hydraulic or Fixed.
- Teeth option : replaceable type available.



## SPECIFICATIONS

| Description         | Unit           | DMR600 | DMR800 | DMR1000 |
|---------------------|----------------|--------|--------|---------|
| Operating weight    | kg             | 730    | 1,270  | 1,370   |
| Capacity            | m <sup>3</sup> | 0.60   | 0.80   | 1.00    |
| Max Clamping force  | ton            | 3.3    | 5.2    | 5.9     |
| (A) Max open width  | mm             | 1,780  | 2,000  | 2,200   |
| (B)                 | mm             | 1,168  | 1,284  | 1,354   |
| (C) Jaw width       | mm             | 800    | 1,020  | 1,200   |
| (H)                 | mm             | 1,156  | 1,375  | 1,410   |
| (H1) Overall Length | mm             | 1,336  | 1,540  | 1,623   |
| Excavator class     | ton            | 12~18  | 18~25  | 25~32   |

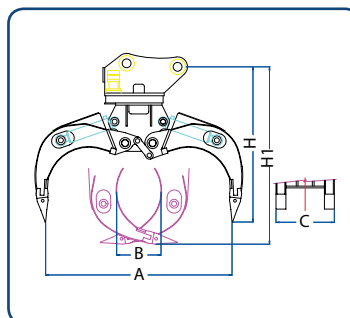
- Above specification do not include Mounting Bulk cap which need to be ordered separately.



# Wood Grapple (Link Type)

## FEATURES

- Link Type mounting bracket.
- Rotating Type.
- Loading/unloading timbers, logs and pipes.
- Wide jaws suitable for various work requirement.
- High efficiency.



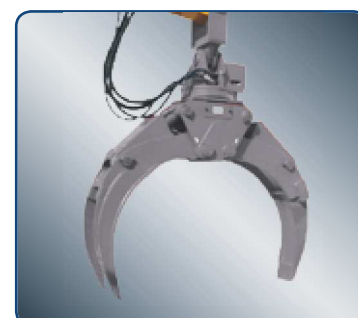
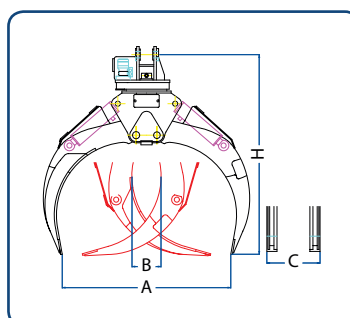
## SPECIFICATIONS

| Description         | Unit           | DMWL300 | DMWL600 | DMWL800 | DMWL1000 |
|---------------------|----------------|---------|---------|---------|----------|
| Operating weight    | kg             | 250     | 750     | 890     | 1,200    |
| Capacity            | m <sup>2</sup> | 0.14    | 0.45    | 0.55    | 0.60     |
| (A) Max open width  | mm             | 900     | 1,600   | 1,700   | 1,950    |
| (B)                 | mm             | 127     | 360     | 304     | 340      |
| (C) Jaw width       | mm             | 352     | 548     | 670     | 760      |
| (H)                 | mm             | 927     | 1,253   | 1,545   | 1,640    |
| (H1) Overall Length | mm             | 1,112   | 1,569   | 1,755   | 1,890    |
| Excavator class     | ton            | 5~8     | 12~18   | 18~25   | 25~32    |

# Wood Grapple (Pendulum Type)

## FEATURES

- Pendulum Type mounting bracket.
- Rotating Type.
- Loading/unloading timbers, logs and pipes.
- Wide jaws suitable for various work requirement.
- High efficiency.



## SPECIFICATIONS

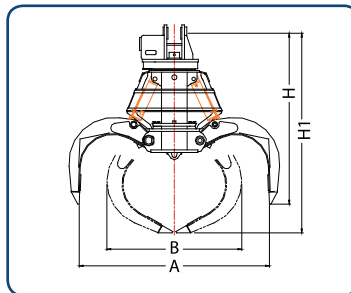
| Description        | Unit           | DMWP300 | DMWP600 | DMWP800 | DMWP1000 | DMWP1001 |
|--------------------|----------------|---------|---------|---------|----------|----------|
| Operating weight   | kg             | 250     | 650     | 1,000   | 1,200    | 2,050    |
| Capacity           | m <sup>2</sup> | 0.14    | 0.40    | 0.60    | 0.80     | 1.90     |
| (A) Max open width | mm             | 900     | 1,500   | 1,520   | 1,660    | 3,500    |
| (B)                | mm             | 127     | 256     | 304     | 300      | 478      |
| (C) Jaw width      | mm             | 352     | 544     | 521     | 521      | 830      |
| (H)                | mm             | 927     | 1,175   | 1,724   | 1,925    | 2,260    |
| Excavator class    | ton            | 5~8     | 12~18   | 18~25   | 25~32    | 36~45    |



# Orange Grapple

## FEATURES

- Loading/unloading metal scrap, wastes and garbage.
- Pendulum Type
- Rotating Options : Hydraulic Rotating Type, Free Rotating Type, or Fixed Type available.
- Number of Tines : 4 / 5 / 6
- Tines Options : Close type, Semi-close type, Open type



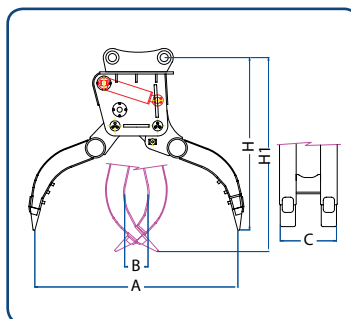
## SPECIFICATIONS

| Description         | Unit           | DMSG600 | DMSG800 | DMSG1000 | DMSG1300 | DMSG1500 |
|---------------------|----------------|---------|---------|----------|----------|----------|
| Operating weight    | kg             | 700     | 1,100   | 1,400    | 1,540    | 2,040    |
| Capacity            | m <sup>3</sup> | 0.5     | 0.7     | 0.9      | 1.2      | 1.4      |
| Max Clamping force  | ton            | 10.5    | 12.5    | 14.7     | 20       | 19.7     |
| (A) Max open width  | mm             | 1,660   | 1,820   | 2,000    | 2,260    | 2,400    |
| (B)                 | mm             | 1,140   | 1,290   | 1,505    | 1,546    | 1,770    |
| (H)                 | mm             | 1,496   | 1,630   | 1,800    | 2,050    | 2,120    |
| (H1) Overall Length | mm             | 1,750   | 1,905   | 2,048    | 2,394    | 2,500    |
| Excavator class     | ton            | 12~18   | 18~25   | 25~32    | 33~      | 36~      |
| Standard Tines No.  | ea             | 5       | 5       | 5        | 4        | 5        |

# Stone Grapple

## FEATURES

- Double safety device for anti-slipping and dropping.
- Used for making sea breakwater, constructing river drain.
- Fixed type (Rotating option available).



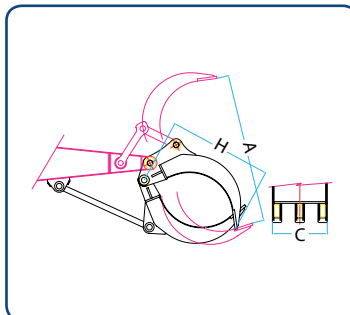
## SPECIFICATIONS

| Description         | Unit | DMTG800 | DMTG1000 | DMTG1500 |
|---------------------|------|---------|----------|----------|
| Operating weight    | kg   | 850     | 1,420    | 1,560    |
| (A) Max open width  | mm   | 1,800   | 2,000    | 2,260    |
| (B)                 | mm   | 176     | 230      | 320      |
| (C) Jaw width       | mm   | 450     | 568      | 568      |
| (H)                 | mm   | 1,870   | 1,977    | 2,107    |
| (H1) Overall Length | mm   | 1,930   | 2,185    | 2,370    |
| Excavator class     | ton  | 18~25   | 25~32    | 32~40    |

# Mechanical Fork

## FEATURES

- Wide application.
- Outstanding durability.
- High efficiency.
- High Power and durability beyond imagination.



## SPECIFICATIONS

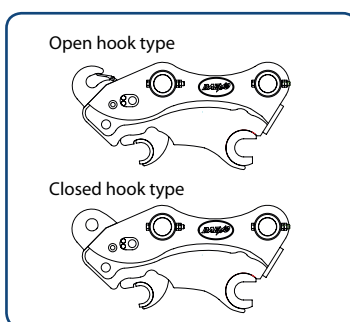
| Description        | Unit | DMMF600 | DMMF800 | DMMF1000 |
|--------------------|------|---------|---------|----------|
| Operating weight   | kg   | 800     | 1,200   | 1,350    |
| (A) Max open width | mm   | 1,700   | 1,900   | 2,150    |
| (C) Jaw width      | mm   | 830     | 930     | 1,000    |
| (H) Overall Length | mm   | 1,078   | 1,120   | 1,200    |
| Excavator class    | ton  | 12~18   | 18~25   | 25~32    |

# Quick Coupler



## FEATURES

- Various applications with the wide PIN TO PIN distance.
- Outstanding durability by using abrasion-resistant and high strength material.
- Safety valve integrated cylinder and manual safety pin.
- Low off-set height and up to date design.



## SPECIFICATIONS

| Description      | Unit                | DMQ16  | DMQ27  | DMQ35  | DMQ50  | DMQ70 | DMQ80  | DMQ140 |
|------------------|---------------------|--------|--------|--------|--------|-------|--------|--------|
| Operating weight | kg                  | 31     | 38     | 40     | 72     | 85    | 92     | 184    |
| Setting pressure | Kgf/cm <sup>2</sup> | 40~210 | 40~210 | 40~210 | 40~210 | N/A   | 40~280 | 40~320 |
| Oil flow         | LPM                 | 10~20  | 10~20  | 10~20  | 10~20  | N/A   | 10~20  | 10~20  |
| Excavator class  | ton                 | 1.6    | 2.7    | 3.5    | 5      | 7     | 8      | 14     |

| Description      | Unit                | DMQ170 | DMQ230 | DMQ290 | DMQ360 | DMQ450 | DMQ500 | DMQ800 |
|------------------|---------------------|--------|--------|--------|--------|--------|--------|--------|
| Operating weight | kg                  | 352    | 374    | 556    | 680    | 692    | 719    | 1,126  |
| Setting pressure | Kgf/cm <sup>2</sup> | 40~320 | 40~320 | 40~350 | 40~350 | 40~350 | 40~350 | 40~350 |
| Oil flow         | LPM                 | 10~20  | 10~20  | 10~20  | 10~20  | 10~20  | 10~20  | 10~20  |
| Excavator class  | ton                 | 17     | 21     | 25~30  | 32~36  | 45~48  | 50~52  | 80     |

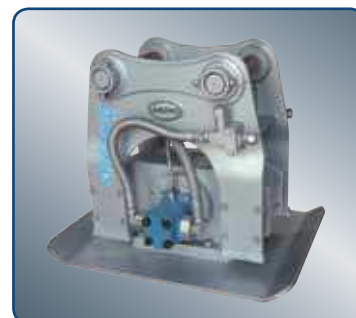
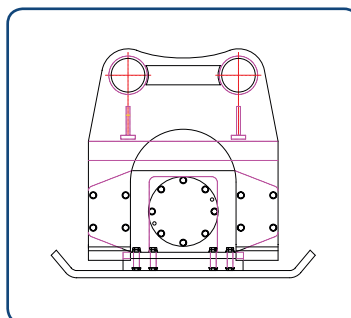
- Above weight data includes Bracket Pin.

- Push type : DMQ16~DMQ230, Pull type : DMQ290~DMQ800, Manual type : DMQ70.

# Compactor

## FEATURES

- Roading construction.
- Building foundation.
- Backfill for retaining walls.
- Sewer and trench construction.
- Slope compaction.
- Extension for compacting narrow trench.



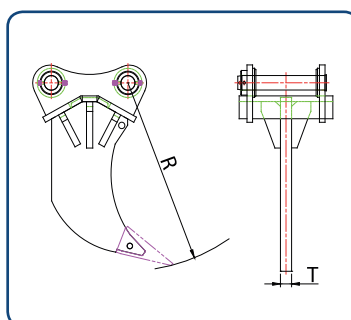
## SPECIFICATIONS

| Description           |        | Unit | DMV50   | DMV140  | DMV230  | DMV300  |
|-----------------------|--------|------|---------|---------|---------|---------|
| Impulse force         |        | ton  | 3       | 6       | 8       | 10      |
| Weight                |        | kg   | 250     | 600     | 700     | 860     |
| Compact area          | Width  | mm   | 600     | 700     | 800     | 850     |
|                       | Length | mm   | 800     | 900     | 900     | 1,150   |
| Oil flow required     |        | lpm  | 60      | 120     | 150     | 150     |
| Max. cycle per minute |        | rpm  | 2,400   | 2,400   | 2,400   | 2,400   |
| Operating pressure    |        | bar  | 100~130 | 110~160 | 130~170 | 140~180 |
| Excavator class       |        | ton  | 3.5~8   | 12~18   | 18~25   | 25~32   |

# Ripper

## FEATURES

- Specifically designed to pre-rip frozen ground or tough soil that exceeds the bucket's recommended duty.
- Used for removing stumps, roots, or rebar.
- High strength solid shank.
- Single & Double points type available.
- Installing adaptor is an option (Standard has no Adaptor).



## SPECIFICATIONS

| Description         |     | DMSPR140 | DMDPR140 | DMSPR230 | DMDPR230 | DMSPR360 | DMDPR360 | DMSPR450 | DMDPR450 |
|---------------------|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| Point Option        |     | Single   | Double   | Single   | Double   | Single   | Double   | Single   | Double   |
| Operating weight    | kg  | 230      | 310      | 390      | 580      | 770      | 1,100    | 770      | 1,100    |
| Shank thickness (T) | mm  | 60       |          | 60       |          | 80       |          | 80       |          |
| Tip radius (R)      | mm  | 940      |          | 1,050    |          | 1,290    |          | 1,290    |          |
| Excavator class     | ton | 11~14    |          | 16~25    |          | 25~32    |          | 36~50    |          |

- Shank thickness and weight subject to change without pre-notice.

- Above specification is based on Single type.

# Car Dismantler



## FEATURES

- A fine combination of clamp arm and 360° rotation cutter efficiently demolish scrapped car.
- The powerful mechanism allows speedy demolition without preprocess such as fusing chassis frame.
- One-man car demolition for higher productivity.



## SPECIFICATIONS

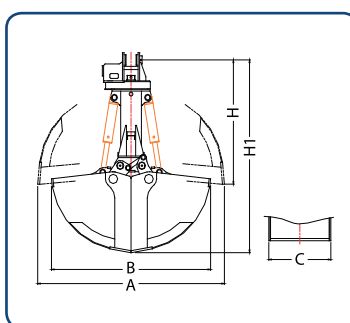
| Description        | Unit | DMCP230R           |
|--------------------|------|--------------------|
| Rotation type      |      | Rotating Head type |
| Operating weight   | kg   | 1,800              |
| Max. opening width | mm   | 600                |
| Max. cutting force | ton  | 170                |
| Excavator class    | ton  | 20~28              |

# Clamshell Bucket



## FEATURES

- Pendulum Type.
- Rotating Options : Hydraulic Rotating Type, Free Rotating Type, Fixed Type Available.
- Teeth can be Installed as Option. Standard Clamshell has no teeth.



## SPECIFICATIONS

| Description         | Unit           | DMCB600 | DMCB800 | DMCB1000 | DMCB1500 |
|---------------------|----------------|---------|---------|----------|----------|
| Operating weight    | kg             | 720     | 980     | 1,100    | 1,350    |
| Capacity            | m <sup>3</sup> | 0.5     | 0.7     | 1.0      | 1.5      |
| (A)                 | mm             | 1,583   | 2,000   | 2,128    | 2,128    |
| (B) Max open width  | mm             | 1,460   | 1,715   | 1,716    | 1,716    |
| (C) Bucket width    | mm             | 800     | 800     | 1,000    | 1,500    |
| (H)                 | mm             | 1,292   | 1,400   | 1,550    | 1,550    |
| (H1) Overall Length | mm             | 1,852   | 2,094   | 2,140    | 2,140    |
| Excavator class     | ton            | 12~18   | 18~25   | 25~32    | 32~45    |



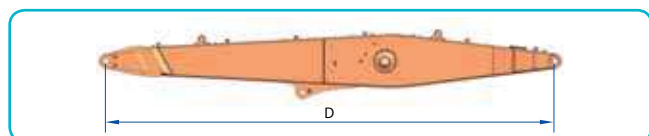
# Material Handler

## FEATURES

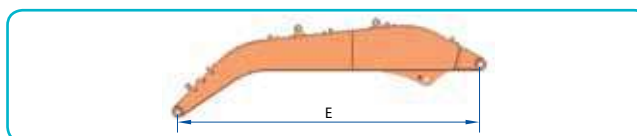
- High strength, low alloy steel yields maximum strength to weight ratio.
- Large diameter pins and wide joints absorb the strain of big loads.
- Two pieces Material Handler supplied as standard.
- A large variety of grapples and clamshell buckets available.



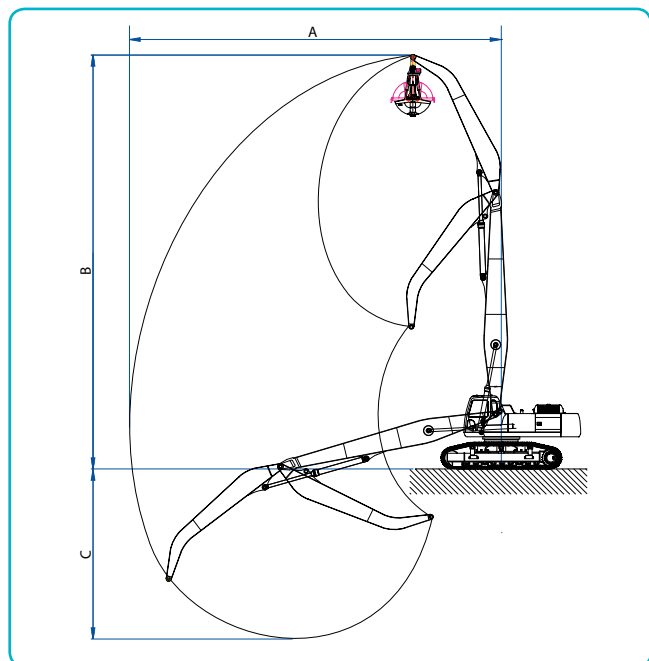
Boom



Arm



Working range



Scope of supply



## SPECIFICATIONS

| Description                 | Unit | Wheel           |                 | Crawler         |                 |                 |                 |                 |                 |                 |
|-----------------------------|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                             |      | DMMH2140        | DMMH2200        | DMMH2140        | DMMH2210        | DMMH2290        | DMMH2320        | DMMH2360        | DMMH2480        | DMMH2520        |
| (A) Maximum Reach           | mm   | 9,060           | 11,000          | 9,060           | 11,100          | 13,020          | 13,680          | 14,360          | 16,720          | 16,700          |
| (B) Maximum Height          | mm   | 10,630          | 12,670          | 9,800           | 12,500          | 14,340          | 15,030          | 15,810          | 17,600          | 17,650          |
| (C) Maximum Depth           | mm   | 3,740           | 4,650           | 3,150           | 4,800           | 6,410           | 6,420           | 6,730           | 7,940           | 7,740           |
| (D) Boom Length             | mm   | 5,550           | 6,710           | 5,550           | 6,500           | 7,800           | 7,800           | 8,600           | 10,000          | 10,000          |
| (E) Arm Length              | mm   | 3,850           | 4,670           | 3,850           | 4,500           | 5,400           | 6,050           | 6,050           | 7,100           | 7,100           |
| Lift Capacity at Max. Reach | kg   | (SNS : 1.6 Ton) | (SNS : 2.4 Ton) | (SNS : 1.6 Ton) | (SNS : 2.4 Ton) | (SNS : 2.6 Ton) | (SNS : 2.6 Ton) | (SNS : 3.0 Ton) | (SNS : 3.5 Ton) | (SNS : 3.5 Ton) |
| Additional Counter weight   | kg   | (SNS : 1.0 Ton) | (SNS : 1.5 Ton) | (SNS : 1.0 Ton) | (SNS : 1.5 Ton) | (SNS : 2.0 Ton) | (SNS : 2.0 Ton) | (SNS : 2.5 Ton) | (SNS : 3.0 Ton) | (SNS : 3.0 Ton) |
| Excavator Class             | ton  | 14~20           | 20~27           | 14~20           | 21~25           | 27~32           | 32~40           | 32~40           | 40~50           | 50~60           |
| HHI Excavator               |      | R140W           | R210W           | R140            | R210            | R290, R300      | R320            | R360, R380      | R450, R480      | R500, R520      |

- Lift capacities do not include the weight of grapple, clamshell, or other lifting devices, which must be deducted from the above figures.

- Asterisk(\*) means the data can be changed according to base machine's condition.

- Above specifications can be changed according to customer's requirement.

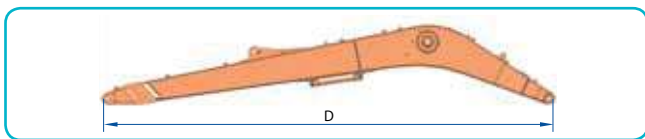
# Long Reach Excavator

## FEATURES

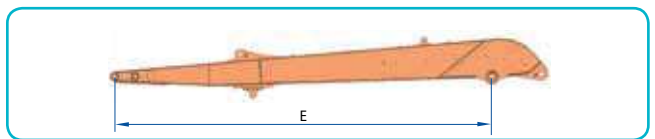
- High strength, low alloy steel yields maximum strength to weight ratio.
- Designed to transport legally without disassembly for height limitation.
- Custom design for specific reach & digging force.



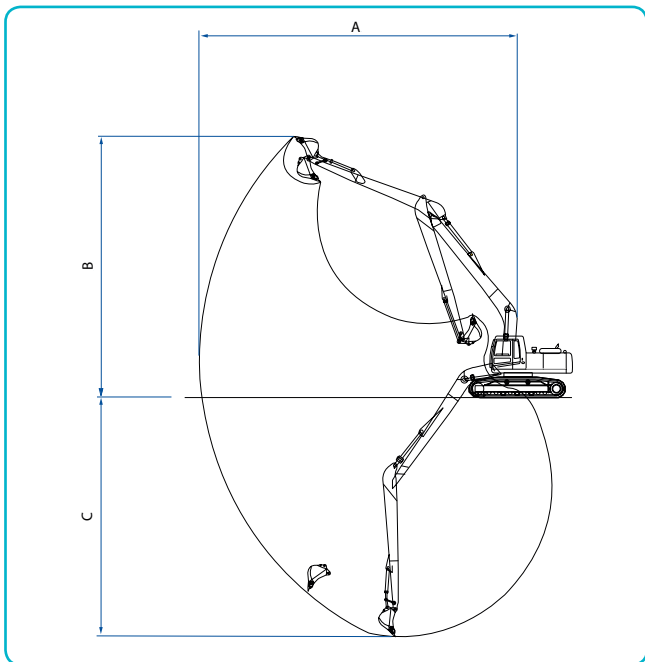
Boom



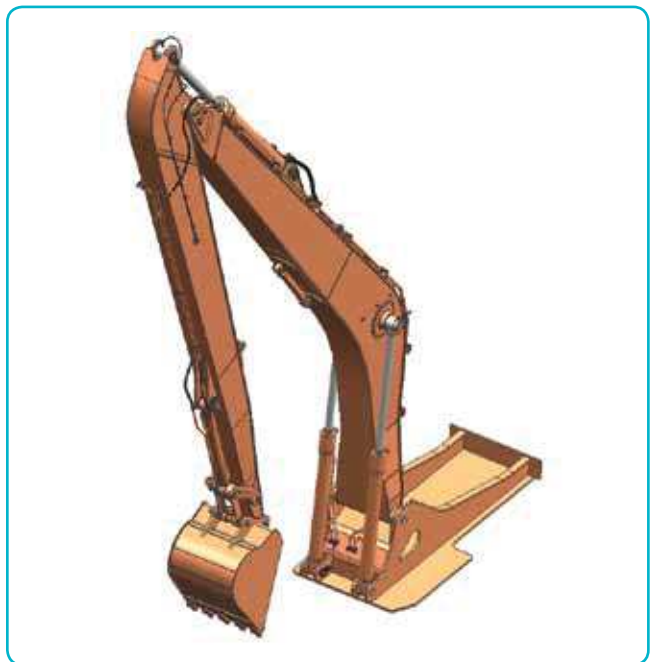
Arm



Working range



Scope of supply



## SPECIFICATIONS

| Description                   | Unit           | DMLR2210   | DMLR2900   | DMLR2480   | DMLR2520   |
|-------------------------------|----------------|------------|------------|------------|------------|
| (A) Max. digging reach        | mm             | 15,220     | 18,510     | 16,350     | 18,170     |
| (B) Max. digging height       | mm             | 12,550     | 14,500     | 13,840     | 15,120     |
| (C) Max. digging depth        | mm             | 11,760     | 14,820     | 11,560     | 13,050     |
| (D) Boom length               | mm             | 8,200      | 10,200     | 9,000      | 10,000     |
| (E) Arm length                | mm             | 6,300      | 7,850      | 5,850      | 6,850      |
| Recommended bucket capa*(SAE) | M <sup>3</sup> | 0.52       | 0.52       | 1.65       | 1.00       |
| Counterweight*                | kg             | 5,300      | 7,000      | 10,700     | 11,700     |
| Operating weight              | kg             | 24,500     | 32,860     | 48,100     | 52,800     |
| Excavator Class               | ton            | 21         | 29         | 45         | 50         |
| HHI Excavator                 |                | R210, R220 | R290, R300 | R450, R480 | R500, R520 |

- Asterisk(\*) means the data can be changed according to base machine's condition.
- Above specifications can be changed according to customer's requirement.

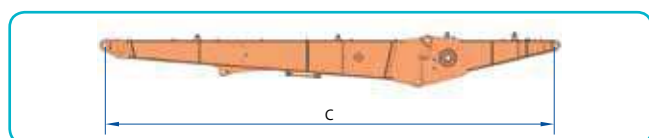
# High Reach Demolition

## FEATURES

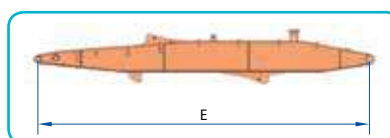
- Reinforced box section design and high strength, low alloy steel yields maximum strength to weight ratio.
- Large diameter pins and wide joints absorb the strain of big loads.
- Boom angle sensor and warning device as standard.
- Boom can be divided for the machine to use standard excavation purpose (option).



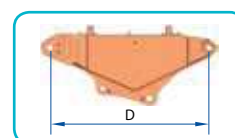
Boom



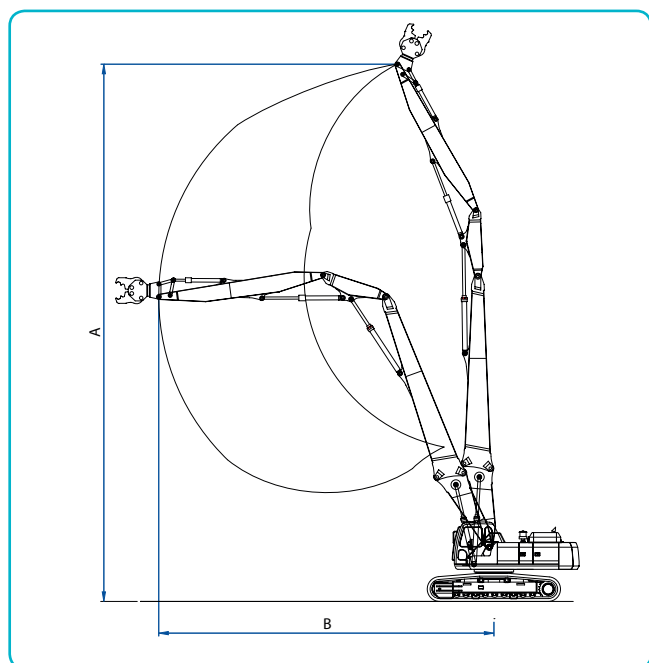
End Arm



Middle Arm



Working range



Scope of supply



## SPECIFICATIONS

| Description                | Unit | DMHRD380E  | DMHRD520E  |
|----------------------------|------|------------|------------|
| (A) Max. pin height        | mm   | 21,000     | 25,000     |
| (B) Max. working reach*    | mm   | 13,100     | 15,200     |
| (C) Extension Boom length  | mm   | 10,600     | 13,300     |
| (D) Middle arm length      | mm   | 2,600      | 2,600      |
| (E) Arm length             | mm   | 6,500      | 7,500      |
| Allowable tool weight*     | kg   | 2,200      | 2,200      |
| Additional counter weight* | kg   | 4,500      | 5,500      |
| Excavator Class            | ton  | 32~40      | 50~60      |
| HHI Excavator              |      | R360, R380 | R500, R520 |

- Asterisk(\*) means the data can be changed according to base machine's condition.
- Above specifications can be changed according to customer's requirement.

# Cabin Option

## FEATURES

- Front guard or FOPS guard is available as option.
- Additional development is available according to customer's requirement.



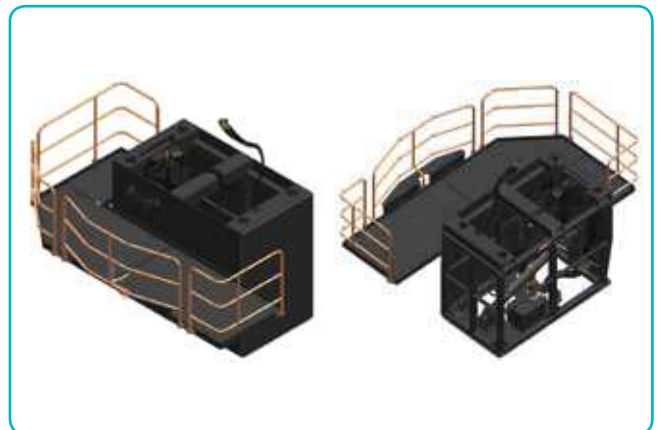
Hyd. Cabin Elevating(Wheel)



Hyd. Cabin Tilting



Fixed Cabin Riser(Crawler)



## SPECIFICATIONS

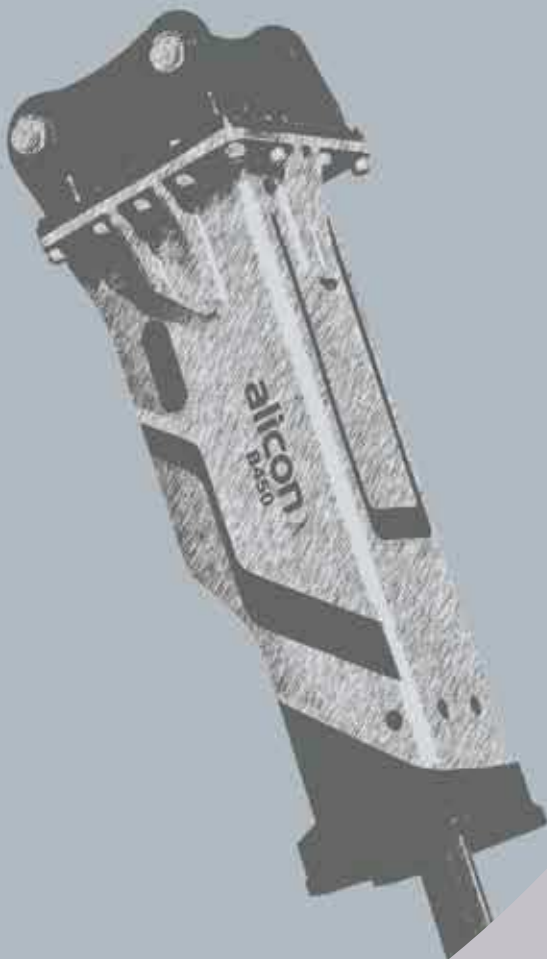
| Model     | Option Type         | Rising Height | Tilting Angle |
|-----------|---------------------|---------------|---------------|
| DMCE-20   | Elevating           | 2.0M          | —             |
| DMCE-2030 | Elevating & Tilting | 2.0M          | 30°           |
| DMCF-12   | Fixed Riser         | 1.2M          | —             |
| DMCF-15   |                     | 1.5M          | —             |
| DMCF-18   |                     | 1.8M          | —             |
| DMCF-30   | Tilting             | —             | 30°           |

- Asterisk(\*) means the data can be changed according to base machine's condition.
- Above specifications can be changed according to customer's requirement.



# **Responsible Promise**

**Advanced Value  
Powerful Performance  
Challenging Effort**



# GLOBAL NETWORK



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