

DAEMO

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Attachments Full Line-Up

Best In Class Durability, Reliability
& Performance



DAEMO

DAEMO ENGINEERING CO., LTD.

Constant Innovation is our Passion

For over two decades, we have constantly developed future oriented hydraulic attachments to meet changing attachment market requirements.

Always with our passion in mind, we work with customers, end-users and suppliers to produce innovative solutions and to achieve customer satisfaction as quickly and efficiently as possible.

Our continuous efforts on R&D, vast field experience and producing know-how characterize our quality products and secure our position as one of the leading hydraulic attachment manufacturers in Korea.

This is how we constantly innovate ourselves and keep our passion alive.



Constant Passion



Quality Management System



Customer Satisfaction

- 2016** Established a branch office in India
- 2014** Chosen as “World Class 300 Company” by Small Medium Business Administration
- 2013** Awarded Presidential Prize for Excellent Contribution on Korean Construction Machinery Industry.
- 2011** Awarded the prize of USD 30 million export.
- 2010** Acquisition of “Strong Exporter Certificate” from Industrial Bank of Korea
- 2007** Acquisition of “ISO14001” & Awarded the prize of USD 20 million export.

- 2003** Established a branch office in China and Europe
- 2000** Established a branch office in California, USA.
- 1998** Awarded Presidential Prize for Excellent Machinery
- 1995** Acquired “CE” Certification from TUV in Germany
- 1992** OEM Agreement with Hyundai Heavy Industries & Development Non-Acumulator Type Breaker
- 1989** Founding of Daemo Engineering Co., Ltd.

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alicon Breaker



Top Box Type (Low noise)

Top Box Type (Standard)

Top Split Type

Side Type

Skid Loader Type

Backhoe Type

FEATURES

- New alicon series breaker became Lighter, Stronger and more Powerful than ever.
- Enlarged the diameter of T/Bolt improved its durability.
- Changed the hose connecting port from Split Flange structure In/Out port to New Adaptor type port (Prevent bolt breakage and oil leakage : B06~B1000).
- Switched Box Housing to Bending design for more durability.
- Diversified 20 products lines to fit to any work conditions.
- Redesigned chisel pin has improved durability.
- Enlarged chisel's diameter improved more powerful impact.
- Anti Blank Firing system increased the life of breaker (Chisel Pins, T/Bolts, F/Head, etc).
- 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.

SPECIFICATIONS

| Description | Unit | B06 | B10 | B20 | B30 | B40 | B60 | B50 | B70 | B90 | B145 | B180 | B215 | B235 | B250 | B300 | B360 | B450 | B650 | B800 | B1000 | |
|---------------------------------------|---------------------|---------------------------------|-----------|-----------|-----------|-----------|------------------------|------------------------|------------------------|----------------------|-------------------------------------|----------------------|----------------------|----------------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|------------------|-------|
| Suitable Excavator | ton | 0.5~1.2 | 1~1.5 | 1~2.5 | 2~4 | 3~4.5 | 5~7 | 3~6 | 6~8 | 7~12 | 10~15 | 16~20 | 18~25 | 18~25 | 22~29 | 26~32 | 28~36 | 40~50 | 42~81 | 70~85 | 70~120 | |
| Control Valve Type | | Internal built-in Control valve | | | | | | | Outer Control | | valve installed without Accumulator | | | | Outer Control valve installed with Accumulator | | | | | | Internal c.valve | |
| Operating Weight | Side | kg | * | 80 | 100 | 130 | 162 | 291 | 271 | 340 | 513 | - | 1,199 | - | - | 2,020 | 2,796 | 2,806 | 3,628 | * | * | * |
| | Top Box | kg | 68 | 115 | 150 | 180 | 224 | 375 | 333 | 431 | 614 | 952 | 1,209 | 1,793 | 1,836 | 2,165 | 2,832 | 2,937 | 3,713 | 4,380 | 5,625 | 8,060 |
| Overall Length | Side | mm | * | 964 | 1,080 | 1,145 | 1,192 | 1,620 | 1,560 | 1,657 | 1,842 | - | 2,094 | - | - | 2,457 | 2,732 | 2,732 | 3,070 | * | * | * |
| | Top Box | mm | 932 | 1,110 | 1,239 | 1,334 | 1,408 | 1,635 | 1,603 | 1,805 | 1,981 | 2,263 | 2,455 | 2,841 | 2,841 | 2,898 | 3,200 | 3,200 | 3,595 | 3,766 | 4,059 | 4,875 |
| Chisel Out Diameter | mm | 40 | 40 | 45 | 53 | 62 | 75 | 70 | 78 | 85 | 105 | 120 | 135 | 140 | 145 | 150 | 155 | 165 | 180 | 200 | 220 | |
| Chisel Length | mm | 358 | 420 | 500 | 570 | 610 | 780 | 730 | 806 | 850 | 975 | 1,165 | 1,250 | 1,250 | 1,280 | 1,400 | 1,400 | 1,650 | 1,500 | 1,700 | 1,900 | |
| Setting Pressure | kgf/cm ² | 150 | 150 | 150 | 150 | 150 | 180 | 170 | 180 | 190 | 190 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 240 | 240 | 240 |
| Working Pressure | kgf/cm ² | 70~120 | 70~110 | 80~120 | 80~120 | 100~140 | 100~140 | 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 | 175~200 | |
| Oil Flow | LPM | 10~22 | 15~30 | 20~40 | 25~45 | 30~50 | 35~70 | 30~55 | 45~80 | 50~100 | 90~110 | 100~140 | 110~160 | 130~170 | 150~210 | 180~250 | 180~250 | 200~280 | 280~400 | 320~450 | 380~455 | |
| Blow Rate(High Speed) | BPM | 600~1,200 | 600~1,200 | 600~1,200 | 600~1,100 | 500~1,000 | 350~800 (450~1,100) | 350~900 (450~1,000) | 350~900 (450~1,000) | 300~700 (550~950) | 350~550 (500~750) | 350~550 (500~850) | 350~500 (450~600) | 250~400 (350~500) | 250~350 (300~450) | 200~350 (300~480) | 200~350 (300~480) | 200~300 (300~450) | 250~420 (300~500) | 200~350 (250~400) | 300~475 | |
| Back Head N ₂ Gas Pressure | kgf/cm ² | 9~12 | 9~12 | 9~12 | 9~12 | 9~12 | 9~12 | 9~12 | 9~12 | 9~12 | 13~16 | 9~12 | 11~14 | 11~14 | 8~11 | 8~11 | 8~11 | 8~11 | 13~16 | 8~11 | 8~11 | |

Scrap Shear (Long Body Type)



FEATURES

- Maximized cutting force.
- H-beam and I-beam can be cut in a single cut.
- Easier cutter replacement.
- Speed-up valve accelerates work speed (Standard)
- Hardox 400 for heavy duty body



SPECIFICATIONS

| Description | Unit | Guide Block Type | | | |
|-----------------------------------|---------------------|----------------------|----------------------|----------------------|----------------------|
| | | DMS350 | DMS400 | DMS550X | DMS700 |
| Operating Weight | kg | 3,550 | 5,316 | 6,435 | 7,716 |
| | lb | 7,826 | 11,720 | 14,187 | 17,011 |
| Max. Opening Width | mm | 672 | 710 | 802 | 896 |
| | inch | 26.5 | 28 | 31.8 | 35.3 |
| Overall Length | mm | 3,508 | 4,625 | 5,050 | 5,480 |
| | inch | 138.1 | 182 | 198.8 | 215.7 |
| Cutting Force(Max) | ton | 660 | 1,150 | 1,500 | 1,750 |
| Max. Cutting Speed (Open / Close) | Sec | 4.6 / 4.2 | 5.5 / 5.3 | 9.7 / 5.8 | 8.2 / 4.9 |
| | kgf/cm ² | 350 | 300-380 | 300-380 | 300-380 |
| Operating Pressure | psi | 4,978 | 4,267-5,405 | 4,267-5,405 | 4,267-5,405 |
| | LPM | 180~ | 250-450 | 270-600 | 350-800 |
| Oil Flow Rate | GPM | 47.6~ | 66.1~119 | 71.4~158.6 | 92.5~211.5 |
| | ton | 18-(2nd) 30-(3rd) | 25-(2nd) 41-(3rd) | 36-(2nd) 50-(3rd) | 42-(2nd) 73-(3rd) |

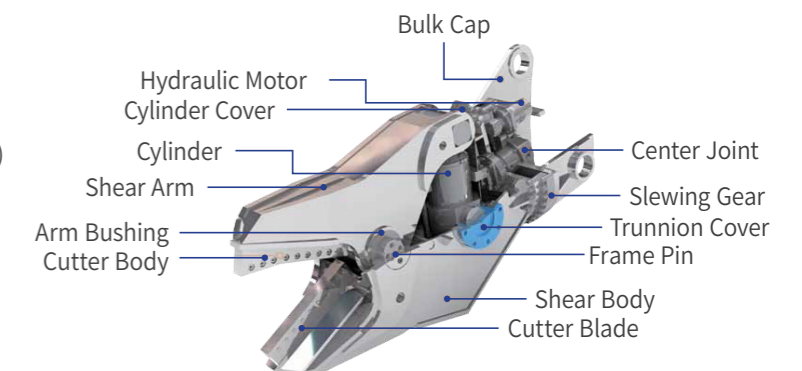
| Description | Unit | Guide Block Type | | | | |
|--------------------|------|------------------|------------|------------|------------|------------|
| | | DMS350 | DMS400 | DMS550X | DMS700 | |
| Cutting Capability | mm | H-Beam | 300X300 | 350x350 | 380x380 | 450x450 |
| | | I-Beam | 350X150 | 400x175 | 600x190 | 600x190 |
| | | Solid Round | 60 | 70 | 80 | 90 |
| | | Channel Plate | 425X100X10 | 425x100x10 | 425x100x10 | 425x100x10 |
| | | Angle Plate | 200X200X20 | 200x200x25 | 250x250x25 | 250x250x30 |

Shear (Short Body Type)



FEATURES

- 360° workable direction.
- H-beam and I-beam can be cut in a single cut.
- Easier cutter replacement.
- Speed-up valve accelerates work speed (Optional)
- Light weight and High durability



SPECIFICATIONS

| Description | Unit | None Guide Block Type | |
|-----------------------------------|---------------------|-----------------------|-----------|
| | | DMS250 | DMS300 |
| Operating Weight | kg | 2,200 | 2,920 |
| | lb | 4,850 | 6,437 |
| Max. Opening Width | mm | 668 | 570 |
| | inch | 26.3 | 22.4 |
| Overall Length | mm | 2,353 | 2,410 |
| | inch | 92.6 | 94.9 |
| Cutting Force(Max) | ton | 259 | 370 |
| Max. Cutting Speed (Open / Close) | Sec | 2.0 / 2.4 | 1.9 / 2.5 |
| | kgf/cm ² | 320 | 320 |
| Operating Pressure | psi | 4,551 | 4,551 |
| | LPM | 200-250 | 250-300 |
| Oil Flow Rate | GPM | 52.8-66.1 | 66.1-79.3 |
| | ton | 22-27 | 27-33 |

| Description | Unit | None Guide Block Type | | |
|--------------------|------|-----------------------|------------|------------|
| | | DMS250 | DMS300 | |
| Cutting Capability | mm | H-Beam | 150x150 | 200x200 |
| | | I-Beam | 200x125 | 300x150 |
| | | Solid Round | 40 | 50 |
| | | Channel Plate | 250x90x13 | 380x100x16 |
| | | Angle Plate | 100x100x10 | 150x150x15 |

Fixed Crusher



FEATURES

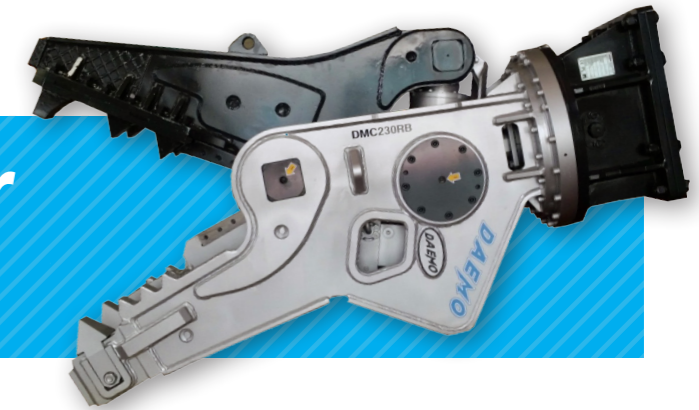
- Durability with wear-resistant tooth material.
- Low noise, less vibration design.
- Dual purpose : crushing concrete and cutting steel bars.
- Tooth replacement and speed-up valve (optional).
- Welding tooth type and Bolting tooth type available.



SPECIFICATIONS

| Description | Unit | DMC140 | DMC140B | DMC180 | DMC180B | DMC210 | DMC210B | DMC300 | DMC300B |
|----------------------|---------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| Operating Weight | kg | 1,314 | 1,350 | 1,418 | 1,450 | 1,926 | 1,980 | 2,550 | 2,600 |
| | lb | 2,897 | 2,976 | 3,216 | 3,197 | 4,246 | 4,365 | 5,622 | 5,732 |
| Max. Opening Width | mm | 612 | | 728 | | 784 | | 915 | |
| | inch | 24.0 | | 28.7 | | 30.9 | | 36.0 | |
| Overall Length | mm | 1,965 | 1,945 | 2,050 | 2,020 | 2,222 | 2,351 | 2,351 | 2,380 |
| | inch | 77.4 | 76.6 | 80.7 | 79.5 | 87.5 | 92.6 | 92.6 | 93.7 |
| Crushing Force (End) | ton | 42 | | 44 | | 57 | | 73 | |
| Operating Pressure | kgf/cm ² | 280 | | 280 | | 320 | | 320 | |
| | psi | 3,982 | | 3,982 | | 4,551 | | 4,551 | |
| Oil Flow Rate | LPM | 170-220 | | 180-230 | | 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 | | 16-22 | | 20-30 | | 27-40 | |

Rotating Crusher



FEATURES

- 360° workable direction.
- Workable on narrow building spaces or noise regulated environments.
- Speed-up valve accelerates work speed (optional).
- Moving arm tooth replaceable as standard
- Welding tooth type and Bolting tooth type available.



Bolting Type Tooth : Wearable part can be easily replaced.

SPECIFICATIONS

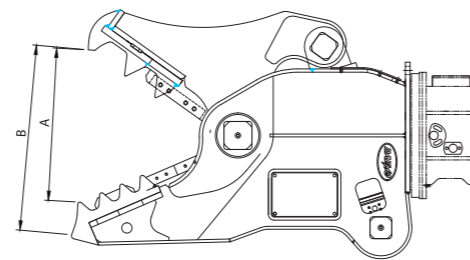
| Description | Unit | DMC230R | DMC230RB | DMC330R | DMC330RB |
|----------------------|---------------------|-----------|----------|-----------|----------|
| Operating Weight | kg | 2,250 | 2,300 | 3,050 | 3,100 |
| | lb | 4,960 | 5,071 | 6,724 | 6,834 |
| Max. Opening Width | mm | 780 | | 890 | |
| | inch | 31.0 | | 35.0 | |
| Overall Length | mm | 2,500 | 2,480 | 2,660 | 2,685 |
| | inch | 98 | 98 | 105 | 106 |
| Crushing Force (End) | ton | 57 | | 73 | |
| Operating Pressure | kgf/cm ² | 320 | | 320 | |
| | psi | 4,551 | | 4,551 | |
| Oil Flow Rate | LPM | 200-250 | | 250-300 | |
| | GPM | 52.8-66.1 | | 66.1-79.3 | |
| Excavator Class | ton | 20-30 | | 29-43 | |

Rotating Pulverizer



FEATURES

- Enlarged cutter length & Optimized crushing power
- Cover plate for protecting cylinder
- Speed-up valve accelerates work speed.
- Exchangeable wear parts: arm, body tooth, cutter
- Hardox 400 for high durability



SPECIFICATIONS

| Description | Unit | DRP145 | DRP185 | DRP235 |
|------------------------------------|---------------------|-----------|-----------|-----------|
| Operating Weight (Excluding M.BKT) | kg | 1,350 | 1,700 | 2,200 |
| | lb | 2,976 | 3,748 | 4,850 |
| Max. Opening Width (A) | mm | 640 | 740 | 800 |
| | inch | 25.2 | 29.1 | 31.5 |
| Max. Opening Width (B) | mm | 790 | 900 | 960 |
| | inch | 31.1 | 35.4 | 37.8 |
| Overall Length | mm | 1,845 | 1,966 | 2,177 |
| | inch | 72.6 | 77.4 | 85.7 |
| Crushing Force (End) | ton | 55 | 85 | 110 |
| Operating Pressure | kgf/cm ² | 320 | | |
| | psi | 4,551 | | |
| Oil Flow Rate | LPM | 170-220 | 180-220 | 220-320 |
| | GPM | 44.9-58.2 | 47.6-58.1 | 58.1-84.5 |
| Open / Close time | Sec | 1.8 / 1.4 | 1.8 / 1.7 | 1.6 / 1.8 |
| Excavator Class | ton | 13-20 | 18-28 | 24-32 |

Multi Processor



FEATURES

- Hydraulic rotating motor provides improved mobility.
- Crushing concrete and cutting steel as switching arms.
- 360° full rotating
- Speed-up valve applied (optional)



SPECIFICATIONS

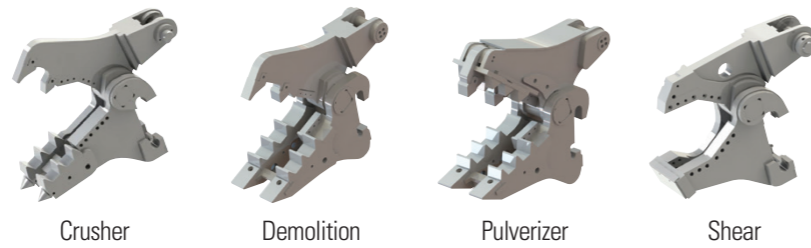
| Description | Unit | DMP230CMS | DMP230SM | DMP330CMS | DMP330CML | DMP330SM |
|------------------------|---------------------|-----------|-----------|-----------|-----------|-----------|
| Operating Weight | kg | 1,730 | 1,810 | 2,850 | 2,910 | 3,000 |
| | lb | 3,814 | 3,990 | 6,283 | 6,415 | 6,614 |
| Max. Opening Width | mm | 900 | 486 | 1,110 | 1,220 | 613 |
| | inch | 35 | 19 | 44 | 48 | 24 |
| Overall Length | mm | 2,044 | 2,247 | 2,474 | 2,546 | 2,508 |
| | inch | 80 | 88 | 97 | 100 | 99 |
| Average Crushing Force | ton | 82 | 118 | 136 | 121 | 197 |
| Max. Cutting Force | ton | 577 | 343 | 584 | 584 | 559 |
| Operating Pressure | kgf/cm ² | 320 | | | | |
| | psi | 4,551 | | | | |
| Oil Flow Rate | LPM | 200-250 | 200-250 | 250-300 | 250-300 | 250-300 |
| | GPM | 52.8-66.1 | 52.8-66.1 | 66.1-79.3 | 66.1-79.3 | 66.1-79.3 |
| Excavator Class | ton | 18-30 | 18-30 | 29-43 | 29-43 | 29-43 |

Multi Processor (Quick Change)



FEATURES

- Replaceable arms and tooth (Crusher, Shear, Demolition and Pulverizer)
- Best material 'Hardox Hituf' and 'Hardox 400'
- Required Arm can be replaced within 10 minutes (Quick Change)
- Speed-up valve increases work efficiency (Standard)



SPECIFICATIONS

| Description | Unit | DMP200Q | | | | DMP300Q | | | |
|-------------------------|--------------------|---------|------------|------------|---------|---------|------------|------------|---------|
| | | Crusher | Demolition | Pulverizer | Shear | Crusher | Demolition | Pulverizer | Shear |
| Operating Weight | kg | 2,183 | 2,190 | 2,200 | 2,037 | 2,900 | 2,820 | 2,826 | 2,698 |
| Crushing Force (Tip) | ton | 59 | 60 | 60 | 85 | 85 | 85 | 85 | 120 |
| Crushing Force (Mid) | ton | 82 | 98 | 92 | 140 | 120 | 140 | 130 | 190 |
| Opening Width | mm | 791 | 727 | 843 | 393 | 875 | 940 | 945 | 480 |
| Width Upper Jaw | mm | 127 | 127 | 310 | 99 | 80 | 80 | 316 | 120 |
| Width Lower Jaw | mm | 360 | 360 | 380 | 250+200 | 426 | 500 | 490 | 352 |
| Cutter Length | mm | 180x2 | 200 | 200 | 200 | 200+200 | 200 | 200 | 300+250 |
| Operating Pressure | kg/cm ² | 320 | | | | 320 | | | |
| Oil Flow Rate | LPM | 120~200 | | | | 200~250 | | | |
| Cycle Time (Open/Close) | sec | 2.0/2.1 | | | | 2.0/2.3 | | | |
| Rotation Pressure | kg/cm ² | 160 | | | | 160 | | | |
| Rotation Flow | LPM | 36~40 | | | | 36~40 | | | |
| Excavator Class | ton | 18~30 | | | | 28~43 | | | |

Car Dismantler



FEATURES

- Clamp arm and 360° rotating cutter enables elaborate work.
- Speedy demolition without pre-process.
- Car dismantle work can be performed by one machine.
- Engine pulling type available.



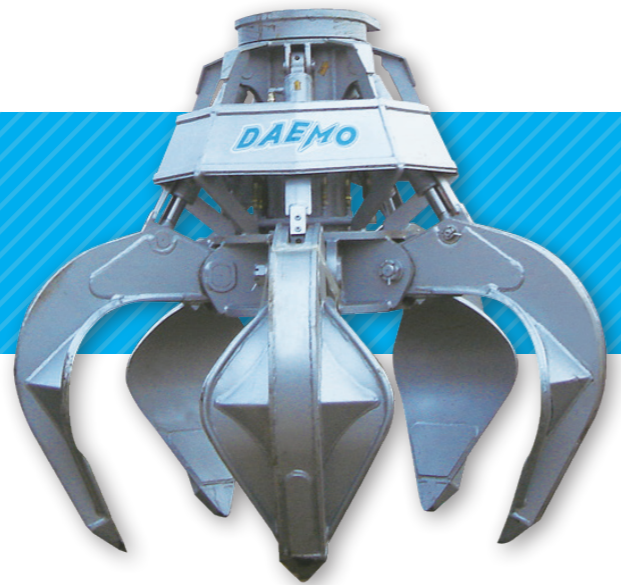
Installing Clamp



SPECIFICATIONS

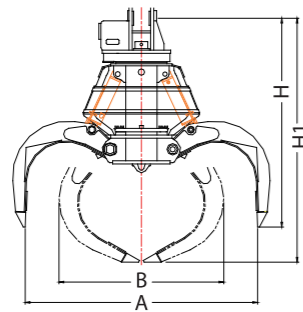
| Description | Unit | DMCP140R | DMCP140R(Engine Puller) | DMCP230R | DMCP300R |
|--------------------|--------------------|--------------------|-------------------------|----------|----------|
| Rotation Type | | Rotating Head type | | | |
| Operating Weight | kg | 870 | 990 | 1,800 | 2,880 |
| | lb | 1918 | 2183 | 3968 | 6349 |
| Max. Opening Width | mm | 700 | 807 | 600 | 866 |
| | inch | 27.6 | 31.8 | 24 | 34 |
| Max. Cutting Force | ton | 49 | - | 170 | 303 |
| Cutter Length | mm | 225 | - | 225 | 225X2 |
| | inch | 8.9 | - | 8.9 | 8.9X2 |
| Operating Pressure | kg/cm ² | 320 | 320 | 320 | 320 |
| Oil Flow Rate | LPM | 170~220 | 170~220 | 200~300 | 250~300 |
| Excavator Class | ton | 13~18 | 13~18 | 20~28 | 27~33 |

Orange Grapple



FEATURES

- Loading / Unloading metal scrap, waste and garbage.
- Pendulum type.
- Tine type : Half-sealed (Standard)
- Rotating type : Hydraulic



SPECIFICATIONS

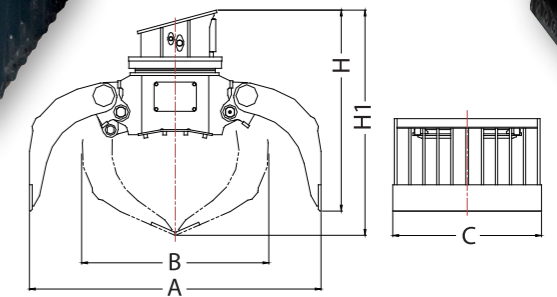
| Description | Unit | DMSG800 |
|-----------------------|----------------|---------|
| Operating Weight | kg | 1,200 |
| | lb | 2646 |
| Capacity | m ³ | 0.7 |
| Max Clamping Force | ton | 10.8 |
| (A) Max Opening Width | mm | 1,820 |
| | inch | 71.7 |
| (B) Closing Width | mm | 1,290 |
| | inch | 50.8 |
| (H) Opening Length | mm | 1,630 |
| | inch | 64.2 |
| (H1) Overall Length | mm | 1,905 |
| | inch | 75 |
| Excavator Class | ton | 18~25 |
| Standard Tines No. | ea | 5 |

Sorting Grab / Rake



FEATURES

- Link type mounting bracket.
- Rotation option : fixed or hydraulic
- Tooth replacement type.
- Powerful performance with two cylinders.



SPECIFICATIONS

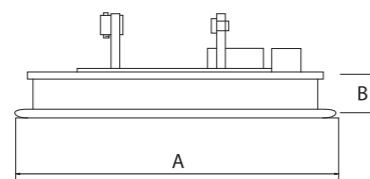
| Description | Unit | DMR160 | DMR300 | DMR600 | DMR800 | DMR1000 |
|-----------------------|----------------|--------|--------|--------|--------|---------|
| Operating Weight | kg | 370 | 550 | 970 | 1,300 | 2,200 |
| | lb | 816 | 1213 | 2138 | 2866 | 4850 |
| Capacity | m ³ | 0.16 | 0.23 | 0.36 | 0.6 | 0.93 |
| Max Clamping Force | ton | 2.4 | 2.8 | 3.7 | 5 | 7.4 |
| (A) Max Opening Width | mm | 1490 | 1,600 | 1,790 | 2,180 | 2,445 |
| | inch | 58.7 | 63.0 | 70.5 | 85.8 | 96.3 |
| (B) Closing Width | mm | 810 | 987 | 1,210 | 1,356 | 1,485 |
| | inch | 31.9 | 38.9 | 47.6 | 53.4 | 58.5 |
| (C) Jaw Width | mm | 600 | 630 | 800 | 1,000 | 1,100 |
| | inch | 23.6 | 24.8 | 31.5 | 39.4 | 43.3 |
| (H) Height (Open) | mm | 857 | 1,076 | 1,216 | 1,437 | 1,595 |
| | inch | 33.7 | 42.4 | 47.9 | 56.6 | 62.8 |
| (H1) Overall Length | mm | 1,006 | 1,247 | 1,379 | 1,682 | 1,900 |
| | inch | 39.6 | 49.1 | 54.3 | 66.2 | 74.8 |
| Excavator Class | ton | 5~9 | 7~12 | 14~20 | 18~30 | 26~43 |

Magnet



FEATURES

- Extended operational area.
- High efficiency for loading / unloading metal scrap.
- Reduced cost of follow-up maintenance.
- Type options : fixed, link, knuckle and grapple.
- Convenient maintenance using hydraulic generator



SPECIFICATIONS

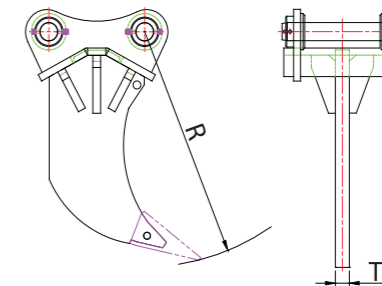
| Description | Unit | DMSL920 | DMSL1150 | DMSL1350 | DMSL1550 | DMSL1850 | |
|---------------------------|--------------|---------|----------------------|----------|----------|----------|--------|
| Operating Weight | kg | 850 | 1,400 | 1,850 | 2,300 | 3,000 | |
| | lb | 1874 | 3086 | 4078 | 5071 | 6614 | |
| Measurement | A | ø | 920 | 1,150 | 1,350 | 1,550 | |
| Capacity | Iron plate | kg | 9,000 | 14,000 | 19,000 | 24,000 | 27,000 |
| | | lb | 19841 | 30864 | 41887 | 52910 | 59524 |
| | lump of iron | kg | 200 | 600 | 1,200 | 1,600 | 2,000 |
| | | lb | 441 | 1323 | 2646 | 3527 | 4409 |
| | Scrap | kg | 200 | 400 | 800 | 1,000 | 1,200 |
| | | lb | 441 | 882 | 1764 | 2205 | 2646 |
| Electric Current | A | 26 | 43 | 60 | 78 | 95 | |
| Hydraulic Generator (Max) | kW | 10 | 15(STD) / 20(OPTION) | 20 | 30 | | |
| Magnetic Coil Power(Max) | kW | 9 | 14.5/19.5 | 19.5 | 29.5 | | |
| Excavator Class | ton | 10~15 | 18~25 | 25~32 | 32~45 | 47~50 | |

Ripper



FEATURES

- Scarify frost and hard ground prior to using a bucket
- Used for removing stumps, roots or rebar.
- High strength and solid body.
- Single & Double points type available.



SPECIFICATIONS

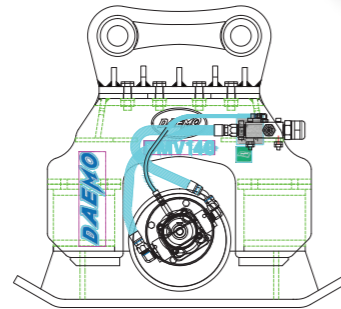
| Description | Unit | DMSR140 | DMDR140 | DMSR230 | DMDR230 | DMSR360 | DMDR360 | DMSR450 | DMDR450 |
|---------------------|------|---------|---------|---------|---------|---------|---------|---------|---------|
| Point Option | | Single | Double | Single | Double | Single | Double | Single | Double |
| Operating Weight | kg | 230 | 310 | 390 | 580 | 770 | 1,100 | 770 | 1,100 |
| | lb | 507 | 683 | 860 | 1279 | 1698 | 2425 | 1698 | 2425 |
| Shank Thickness (T) | mm | 60 | | 70 | | 80 | | 80 | |
| | inch | 2 | | 3 | | 3 | | 3 | |
| Tip Radius (R) | mm | 940 | | 1,050 | | 1,290 | | 1,290 | |
| | inch | 37 | | 41 | | 51 | | 51 | |
| Excavator Class | ton | 11~14 | | 16~25 | | 25~32 | | 36~50 | |

Compactor



FEATURES

- High compaction efficiency for ground, trench and slope.
- Requires breaker piping line (S/ACT) (additional)
- Control block system for easy & safe setting.
- Robust design with bending structure & hub type damper.



SPECIFICATIONS

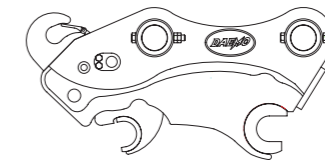
| Description | Unit | DMV50 | DMV140 | DMV230 | DMV300 | |
|-----------------------|---------------------|---------|---------|---------|---------|-------|
| Max. Impulse Force | ton | 2.3 | 3.7 | 7.5 | 11 | |
| Operating Weight | kg | 342 | 624 | 850 | 1,282 | |
| | lb | 754 | 1376 | 1874 | 2826 | |
| Compact Area | Width | mm | 450 | 650 | 750 | 900 |
| | | inch | 17.7 | 25.6 | 29.5 | 35.4 |
| | Length | mm | 700 | 750 | 1,000 | 1,200 |
| | | inch | 27.6 | 29.5 | 39.4 | 47.2 |
| Flow Rate Range | LPM | 30~55 | 90~110 | 130~170 | 180~250 | |
| Max. Cycle Per Minute | RPM | 2,500 | 2,500 | 2,200 | 2,200 | |
| Operating Pressure | Kgf/cm ² | 100~140 | 120~160 | 130~180 | 140~180 | |
| Excavator Class | ton | 2~7 | 8~15 | 15~22 | 25~47 | |

Quick Coupler

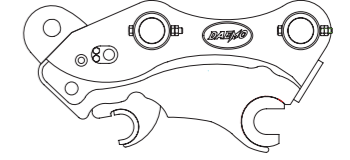


FEATURES

- Various applications with the wide Pin-to-Pin distance.damper.
- Outstanding durability by using abrasion-resistant and high strength material.
- Safety valve integrated cylinder and manual safety pin.



Open Hook Type



Close Hook Type

SPECIFICATIONS

| Description | Unit | DMQ16 | DMQ27 | DMQ35 | DMQ50 | DMQ70 | DMQ80 | DMQ140 |
|---------------------|---------------------|-----------|---------|---------|-----------|-------|-----------|---------|
| Operating Weight | kg | 31 | 38 | 40 | 72 | 85 | 92 | 184 |
| | lb | 68 | 84 | 88 | 159 | 187 | 203 | 406 |
| Setting Pressure | Kgf/cm ² | 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 |
| Bucket Pin | mm | ø30 | ø35 | ø40 | ø45 | ø45 | ø55 | ø65 |
| Pin-to-pin distance | mm | 140~161.5 | 175~210 | 195~227 | 285~293 | 342 | 285~341 | 380~445 |
| | inch | 5.5~6.36 | 6.9~8.3 | 7.7~8.9 | 11.2~11.5 | 13.5 | 11.2~13.4 | 15~17.5 |
| 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 |
| | lb | 776 | 825 | 1226 | 1499 | 1526 | 1585 | 2482 |
| Setting Pressure | Kgf/cm ² | 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 |
| Bucket Pin | mm | ø70 | ø80 | ø90 | ø100 | ø100 | ø120 | ø130 |
| Pin-to-pin distance | mm | 399~440 | 444~500 | 510~530 | 540~560 | 560~600 | 560~600 | 720~725 |
| | inch | 15.7~17.3 | 17.5~19.7 | 20.1~20.7 | 21.3~22 | 22~23.6 | 22~23.6 | 28.3~28.5 |
| Excavator Class | ton | 17 | 21 | 25~30 | 32~36 | 45~48 | 50~52 | 80 |

Quick Coupler (Triple Safety)



FEATURES

- Improved durability using Hardox 400 (Hitch & Hook)
- Robust structure with Triple Safety locking system
- Automatic locking mechanism for both front and rear without leaving the cabin
- Rear Pin Lock allows the operator to clearly see from the cabin.



Compressed Spring with Cylinder Cover



Easy Switching Attachments



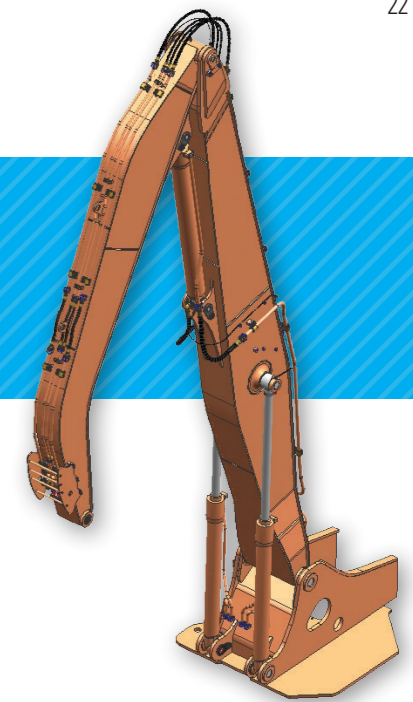
Safe Operation with Red Safety Bar

SPECIFICATIONS

| Description | Unit | DMQ16TS | DMQ27TS | DMQ35TS | DMQ50TS | | DMQ80TS | DMQ140TS |
|--------------------|---------------------|-------------------------------|---------|---------|------------|---------|-----------|----------|
| Manufacturing Type | | Cast Steel | | | Cast Steel | Welding | Welding | |
| Operating Mode | | Sliding(Push) + Triple Safety | | | | | | |
| Operating Weight | kg | 31 | 44 | 47 | 74 | 70 | 94 | 170 |
| | lb | 68 | 97 | 104 | 163 | 154 | 207 | 375 |
| Setting Pressure | Kgf/cm ² | 40-210 | 40-210 | 40-210 | 40-210 | | 40-280 | 40-380 |
| Oil Flow | LPM | 10-20 | 10-20 | 10-20 | 10-20 | | 10-20 | 10-20 |
| Pin Diameter | mm | ø30 | ø35 | ø40 | ø45 | | ø55 | ø65 |
| Range of Center | mm | 140-170 | 170-210 | 180-225 | 255-355 | | 275-360 | 355-485 |
| | inch | 5.5-6.7 | 6.7-8.3 | 7.1-8.9 | 10-14 | | 10.8-14.2 | 14-19.1 |
| Excavator Class | ton | 1.6-1.7 | 2.7 | 3.5 | 5 | | 8 | 14 |

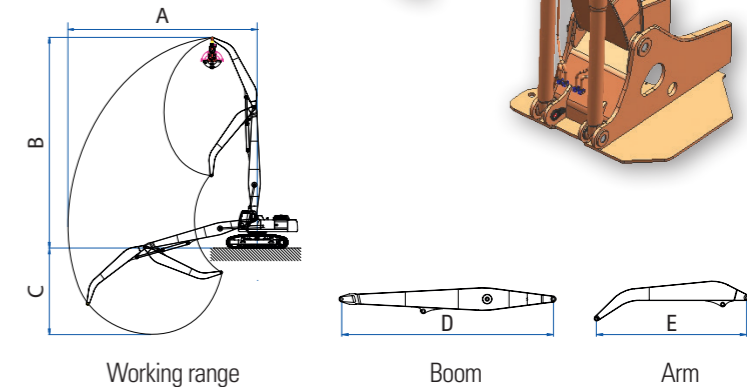
| Description | Unit | DMQ170TS | DMQ230TS | DMQ290TSS | DMQ360TSS | DMQ500TSS |
|--------------------|---------------------|-------------------------|----------|-----------------------------|-----------|-----------|
| Manufacturing Type | | Welding | | | | |
| Operating Mode | | Sliding + Triple Safety | | Swing(Push) + Triple Safety | | |
| Operating Weight | kg | 254 | 300 | 496 | 648 | 671 |
| | lb | 560 | 661 | 1093 | 1429 | 1479 |
| Setting Pressure | Kgf/cm ² | 40-380 | 40-380 | 40-380 | 40-380 | 40-380 |
| Oil Flow | LPM | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 |
| Pin Diameter | mm | ø70 | ø80 | ø90 | ø100 | ø120 |
| Range of Center | mm | 370-503 | 380-504 | 500-570 | 516-595 | 560-625 |
| | inch | 14.6-19.8 | 15-19.8 | 19.7-22.4 | 20.3-23.4 | 22-24.6 |
| Excavator Class | ton | 17 | 21 | 30 | 36 | 45-50 |

Material Handler



FEATURES

- Low-alloy steel increased maximum strength to weight.
- Standard package : Boom + Arm
- Various kinds of grapple and clamshell bucket can be installed



SPECIFICATIONS

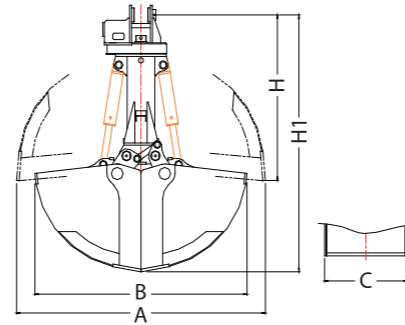
| Description | Unit | Wheel | | Crawler | | | | | | |
|--------------------------------|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | DMMH2140 | DMMH2200 | DMMH2140 | DMMH2210 | DMMH2290 | DMMH2320 | DMMH2360 | DMMH2480 | DMMH2520 |
| (A) Max Operating Reach | mm | 9,060 | 11,000 | 9,060 | 11,100 | 13,000 | 13,680 | 14,950 | 16,800 | 16,700 |
| | inch | 356.7 | 433.1 | 356.7 | 437.0 | 511.8 | 538.6 | 588.6 | 661.4 | 657.5 |
| (B) Max Operating Height | mm | 10,630 | 12,670 | 9,800 | 12,500 | 14,500 | 15,030 | 16,350 | 18,300 | 17,650 |
| | inch | 418.5 | 498.8 | 385.8 | 492.1 | 570.9 | 591.7 | 643.7 | 720.5 | 694.9 |
| (C) Max Operating Depth | mm | 4,150 | 4,700 | 4,400 | 4,800 | 6,200 | 6,420 | 7,400 | 6,900 | 7,740 |
| | inch | 163.4 | 185.0 | 173.2 | 189.0 | 244.1 | 252.8 | 291.3 | 271.7 | 304.7 |
| (D) Boom Length | mm | 5,550 | 6,500 | 5,550 | 6,500 | 7,800 | 7,800 | 8,600 | 10,000 | 10,000 |
| | inch | 218.5 | 255.9 | 218.5 | 255.9 | 307.1 | 307.1 | 338.6 | 393.7 | 393.7 |
| (E) Arm Length | mm | 3,850 | 4,500 | 3,850 | 4,500 | 5,400 | 6,050 | 6,050 | 7,100 | 7,100 |
| | inch | 151.6 | 177.2 | 151.6 | 177.2 | 212.6 | 238.2 | 238.2 | 279.5 | 279.5 |
| Lift capacity at Maximum 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) |
| Suitable Excavator | ton | 14-20 | 20-27 | 14-20 | 21-25 | 27-32 | 32-40 | 32-40 | 40-50 | 50-60 |

Clamshell Bucket



FEATURES

- Pendulum Type.
- Rotating Options :
 - Hydraulic Rotating Type, Free Rotating Type, Fixed Type Available.
- Tooth can be installed as Option.
- Standard Clamshell has no tooth.



SPECIFICATIONS

| Description | Unit | DMCB800 | DMCB1000 | DMCB1200 |
|---|----------------|---------|----------|----------|
| Operating Weight | kg | 980 | 1,420 | 1,600 |
| | lb | 2,160 | 3,131 | 3,527 |
| Capacity | m ³ | 0.8 | 1 | 1.2 |
| (A) Max Opening Width | mm | 2,027 | 2,027 | 2,027 |
| | inch | 79.8 | 79.8 | 79.8 |
| (B) Max Closing Width | mm | 1,837 | 1,837 | 1,837 |
| | inch | 72.3 | 72.3 | 72.3 |
| (C) Jaw Width | mm | 800 | 1,100 | 1,400 |
| | inch | 31.5 | 43.3 | 55.1 |
| (H) Height (Open) | mm | 1,442 | 1,442 | 1,442 |
| | inch | 56.8 | 56.8 | 56.8 |
| (H1) Overall Length | mm | 2,147 | 2,147 | 2,147 |
| | inch | 84.5 | 84.5 | 84.5 |
| Self Digging force (Minimum, Open point) | kgf | 5,705 | 5,705 | |
| Excavator Class | ton | 18~25 | 25~32 | 32~38 |



Quality is our only product



BMS Board & Ultra Sonic Machine

Test Bench

Test Facility