



EXCAVATOR ATTACHMENT

DWT SERIES

DW G SERIES

BACKHOE LOADER TYPE

SKID LOADER TYPE

DWQ • DWCP • DWMP • DFP SERIES

DSR • DWCS • RIPPER • HAMMER SERIES

Power is nothing without durability.



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COMPANY INTRODUCTION

DOWIN is a dedicated manufacturer of hydraulic breaker & demolition equipment in Korea since 1999 and have been building a good reputation by providing reliable products to our customers based on the motto of 'the customer-driven company since 1999 with reasonable price and the finest after sales service in the market.

In pursue of superior quality, we acquired ISO9001, 14001, CE and Gost-R to ensure the best quality control through all processing.

We make & supply not only hydraulic breaker/hammer and parts but also vibro ripper, hydraulic shear, pulverizer, crusher, compactor, quick coupler and excavator parts like undercarriage made in Korea all over the world.

We are striving for the supply of the goods of better performance and enhanced durability as always.



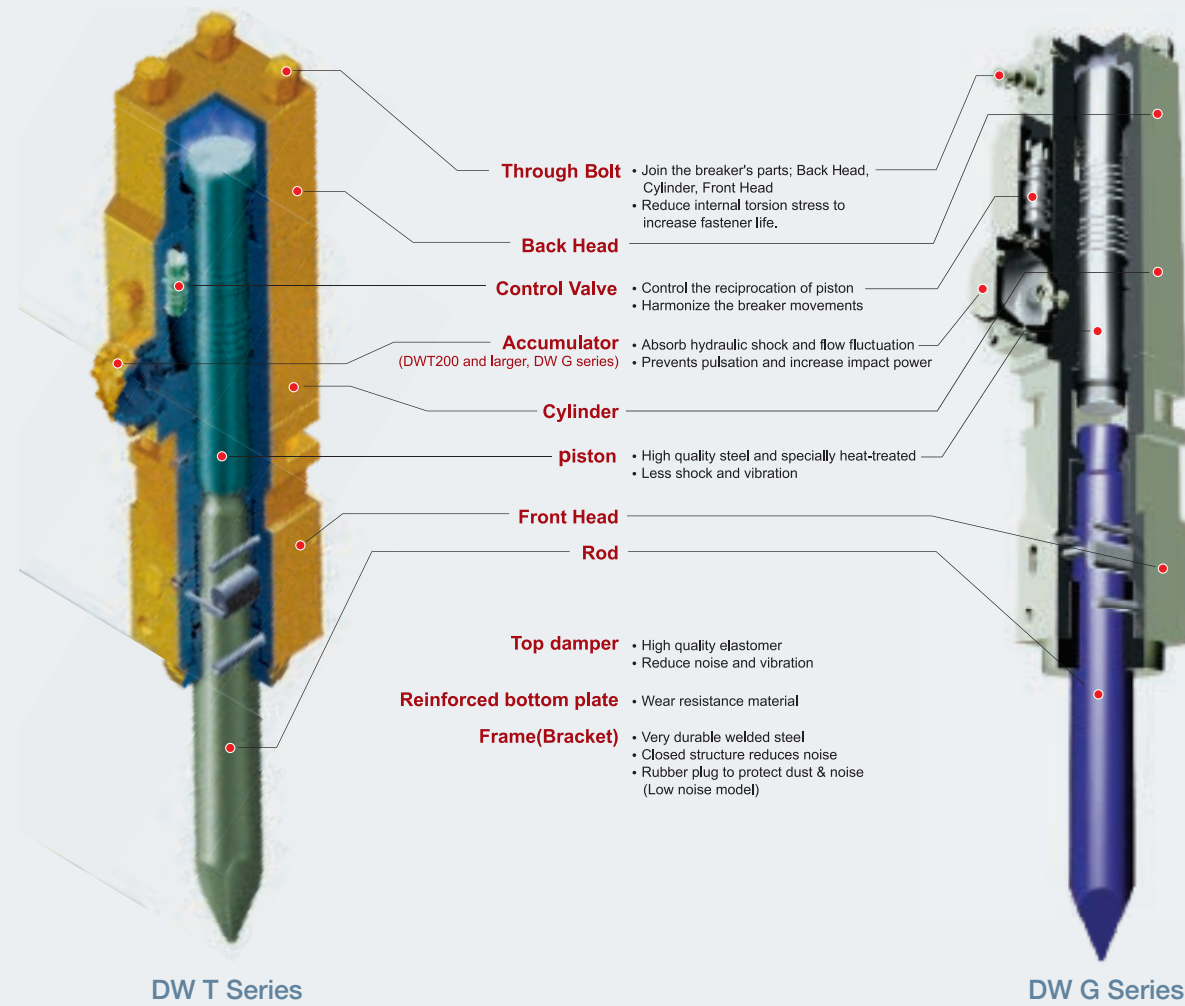
Features & Benefits

- Maintenance**
 - Easy to Use
 - Lower Cost to Maintain with a Good Durability
 - Superior Quality Alloy Steel for Main Power Cell Parts
- Service**
 - Quicker and Better After-Sales-Service
 - Buyer Technical Support Program
 - Dealer Marketing Support Program
- Design**
 - Operator Friendly Function Enabled
 - Well-Balanced Frame with Fewer Components
 - World Best Quality Control Valve and Piston
- Performance**
 - Outstanding Power to Weight Ratio
 - High Performance with Qualified Control Valve
 - Top Class "Less Noise" (Box Frame Type)



Processing Machinery

STRUCTURE



• CNC



• Machine for drilling holes

• MCT



• Machining center for drilling

• Heat Treatment



• Quenching and tempering process
• High quality steel structure by computerized system

• Static Test Machine



• Test bench to measure the impact power

DWT Series

DOWIN T series breaker is very powerful and productive thanks to the cylinder embedded control valve system.

DOWIN T series has 15 models from 1 ton to 55 tons excavator

Superior quality alloy steel provides excellent durability

Hydraulic-gas power system

- Pressurized N2 gas in main power cell is to operate with less demand on the base machine's hydraulic power

Fewer components

- Minimized inner parts help easy maintenance with low cost

Underwater kit(Optional)

- Allowing breaker operated underwater

Auto greasing system(Optional)



• SPECIFICATION



Description / Model		Unit	DW T15	DW T20	DW T30	DW T40	DW T50	DW T70
Operating Weight (Including Rod)	Box	Kg	102	126	152	224	295	375
	Open		72	100	130	220	290	370
	Side		70	90	90	190	250	380
Length (Incl. Rod)	Box / Open	mm	1,135	1,262	1,342	1,472	1,600	1,860
	Side		960	1,070	1,150	1,260	1,347	1,170
Optimum Oil Flow		l/min	15 - 25	20 - 30	25 - 50	30 - 60	40 - 70	50 - 90
Setting Pressure(Base Machine)		bar(kg/cm ²)	180 - 210	180 - 210	180 - 210	180 - 210	180 - 210	180 - 210
Operating Pressure		bar(kg/cm ²)	90 - 120	90 - 120	90 - 120	100 - 130	110 - 140	120 - 150
		psi	1,280 - 1,707	1,280 - 1,707	1,280 - 1,707	1,422 - 1,848	1,565 - 1,991	1,707 - 2,134
Rod Diameter		mm	40	45	53	60	68	75
Impact Rate		bpm	800 - 1,400	700 - 1,200	600 - 1,100	500 - 1100	500 - 900	400 - 800
Hose Diameter		inch	1/2	1/2	1/2	1/2	1/2	1/2
Base Machine Weight		m ³	0.05 - 0.07	0.03 - 0.1	0.06 - 0.2	0.15 - 0.25	0.15 - 0.3	0.2 - 0.35
		ton	0.8 - 2.5	1.2 - 3	2.5 - 4.5	3 - 5.5	4 - 7	6 - 9
		lb	1,760 - 5,500	2,600 - 6,600	5,500 - 9,900	6,600 - 12,125	9,900 - 15,400	13,200 - 19,840
Impact Energy Class		joule	200	290	320	550	690	900

※ The above specifications are subject to change without prior notice for quality improvement.

• SPECIFICATION



DW T80	DW T100	DW T150	DW T190	DW T200	DW T270	DW T350	DW T380	DW T480
571	861	1,296	1,500	1,825	2,071	2,635	2,850	3,990
575	890	1,250	1,490	1,780	2,100	2,490	2,995	4,100
510	765	1,200	1,450	1,770	2,114	2,440	2,700	3,788
2,101	2,326	2,604	2,691	2,828	3,055	3,255	3,395	3,709
1,820	1,930	2,200	2,290	2,409	2,430	2,731	2,816	3,143
60 - 100	80 - 110	90 - 120	100 - 150	120 - 180	150 - 210	180 - 240	200 - 260	210 - 290
180 - 210	180 - 210	180 - 210	200 - 230	200 - 230	200 - 230	200 - 230	200 - 230	200 - 230
130 - 160	150 - 170	150 - 170	160 - 180	160 - 180	160 - 180	160 - 180	160 - 180	160 - 180
1,849 - 2,276	2,134 - 2,418	2,134 - 2,418	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560
85	100	125	135	140	150	155	155	175
400 - 800	350 - 700	350 - 650	350 - 600	350 - 500	300 - 450	300 - 450	250 - 400	200 - 350
3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
0.25 - 0.5	0.4 - 0.6	0.5 - 0.7	0.6 - 0.8	0.7 - 0.9	0.9 - 1.1	1.1 - 1.6	1.25 - 1.7	1.4 - 2.2
7 - 14	11 - 16	15 - 18	18 - 21	18 - 26	25 - 30	28 - 35	30 - 40	40 - 55
15,400 - 30,900	24,250 - 35,280	33,070 - 39,700	39,700 - 46,300	39,700 - 57,300	55,100 - 66,100	61,700 - 77,200	66,100 - 88,200	88,200 - 121,200
1,300	2,100	2,900	3,555	4,200	5,200	6,500	9,000	12,000

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DW G Series

DOWIN G series breaker is very reliable equipment proved by track record of long field experience.

DOWIN G series has 6 models applicable for 13 tons to 70 tons excavator

Superior quality alloy steel provides excellent durability

Hydraulic-gas power system

· Pressurized N2 gas in main power cell is to operate with less demand on the base machine's hydraulic power

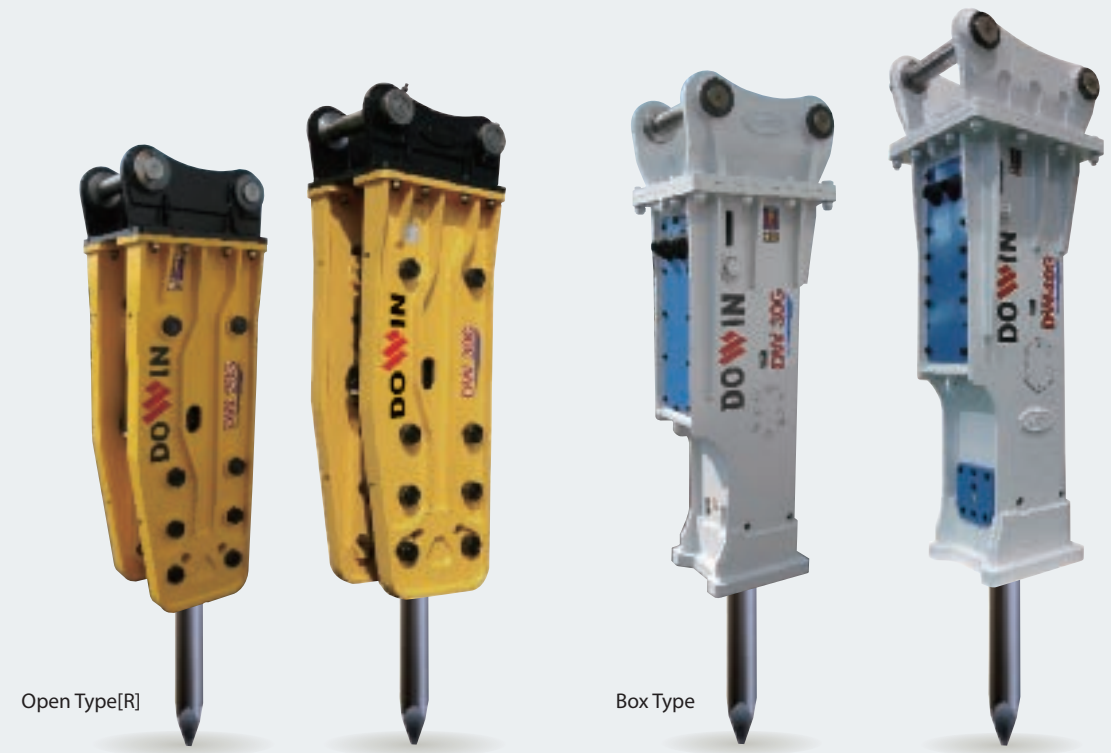
Easy maintenance

· Very convenient in maintenance using several interchangeable spares of G type breaker, such as rod pin, ring bush, seals, etc.

Underwater kit(Optional)

· Allowing breaker operated underwater

Auto greasing system(Optional)



• SPECIFICATION



Description / Model		Unit	DW 15G	DW 20G	DW 30G	DW 40G	DW 50GX	DW 65GX
Operating Weight (Including Rod)	Box	Kg	1,310	1,777	2,540	3,110	4,150	5,200
	Open		1,230	1,740	2,420	3,020	4,100	5,100
	Side		1,200	1,700	2,380	2,900	3,922	4,866
Length (Incl. Rod)	Box / Open	mm	2,031	2,327	2,500	2,950	3,790	3,995
	Side		1,800	2,200	2,300	2,500	3,225	3,432
Optimum Oil Flow		l/min	90 - 120	130 - 150	150 - 190	190 - 250	180 - 350	190 - 350
Setting Pressure(Base Machine)		bar(kg/cm ²)	180 - 210	180 - 210	180 - 210	180 - 210	170 - 230	170 - 230
Operating Pressure		bar(kg/cm ²)	160 - 180	160 - 180	160 - 180	160 - 180	160 - 180	160 - 180
		psi	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560	2,276 - 2,560
Rod Diameter		mm	120	135	150	160	175	185
Impact Rate		bpm	400 - 900	400 - 800	300 - 750	250 - 500	100 - 190	100 - 190
Hose Diameter		inch	3/4	1	1	1 1/4	1 1/4	1 1/4
Base Machine Weight		m ³	0.5 - 0.7	0.7 - 0.9	1.1 - 1.6	1.6 - 2.0	1.6 - 2.5	1.8 - 4.0
		ton	13 - 18	18 - 22	27 - 30	35 - 45	35 - 50	40 - 70
Impact Energy Class		lb	28,670 - 39,700	39,680	59,500 - 66,100	77,160 - 99,300	77,200 - 110,200	88,200 - 154,300
		joule	2,800	3,600	7,000	9,900	16,000	18,000

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DW BL • SL Series

Backhoe Loader Type / Skid Loader Type

Backhoe Loader Type

- Available from 2.5 tons to 14 tons of backhoe loader
- High efficiency with optimized control valve
- Variable link pin hole



• SPECIFICATION



Description / Model	Unit	DW 30BL	DW 50BL	DW 70BL	DW 80BL
Operating Weight (Including Rod)	kg	120	271	380	520
Length (Incl. Rod)	mm	1,170	1,347	1,518	1,737
Optimum Oil Flow	l/min	25 - 50	30 - 70	50 - 90	60 - 100
Setting Pressure(Base Machine)	bar(kg/cm ²)	180 - 210	180 - 210	180 - 210	180 - 210
Operating Pressure	bar(kg/cm ²)	90 - 120	110 - 140	120 - 150	130 - 160
	psi	1,280 - 1,707	1,351 - 1,849	1,849 - 2,133	1,849 - 2,133
Rod Diameter	mm	53	68	75	85
Impact Rate	bpm	600 - 1,100	500 - 900	400 - 800	400 - 800
Hose Diameter	inch	1/2	1/2	1/2	3/4
Base Machine Weight	m ³	0.15 - 0.25	0.15 - 0.25	0.45 - 0.6	0.45 - 0.6
	ton	2.5 - 4.5	4 - 7	6 - 9	7 - 14
	lb	5,500 - 9,900	8,800 - 15,400	15,400 - 23,400	15,400 - 30,900
Impact Energy Class	joule	300	650	700	1,200

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Skid Loader Type

- Available from 1.2 tons to 7 tons of skid loader
- High efficiency with optimized control valve
- Fewer components - easy maintenance



• SPECIFICATION



Description / Model	Unit	DW 20SL	DW 30SL	DW 40SL	DW 50SL
Operating Weight (Including Rod)	kg	100	122	200	275
Length (Incl. Rod)	mm	1,090	1,170	1,260	1,347
Optimum Oil Flow	l/min	20-30	25 - 50	30 - 60	40 - 70
Setting Pressure(Base Machine)	bar(kg/cm ²)	180 - 210	180 - 210	180 - 210	180 - 210
Operating Pressure	bar(kg/cm ²)	90 - 120	90 - 120	100 - 130	110 - 140
	psi	1,280 - 1,707	1,280 - 1,707	1,422 - 1,848	1,565 - 1,991
Rod Diameter	mm	45	53	60	68
Impact Rate	bpm	700 - 1,200	600 - 1,100	500 - 1,100	500 - 900
Hose Diameter	inch	1/2	1/2	1/2	1/2
Base Machine Weight	m ³	0.03 - 0.1	0.06 - 0.2	0.15 - 0.25	0.15 - 0.3
	ton	1.2 - 3	2.5 - 4.5	3 - 5.5	4 - 7
	lb	2,600 - 6,600	5,500 - 9,900	6,600 - 12,125	8,800 - 15,400
Impact Energy Class	joule	290	320	550	690

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DWQ • DWCP • DWMP • DFP Series

QUICK COUPLER DWQ SERIES / COMPACTOR DWCP SERIES
MULTI PROCESSOR DWMP SERIES / PULVERIZER-DFP SERIES

QUICK COUPLER

- Available from 5 tons to 50 tons of base machine
- Attach and detach the attachment within 20 seconds
- Fitting to all kinds of attachments such as hydraulic breakers, shears, etc.
- Reinforced durability design-produced for demolition



• SPECIFICATION

Description / Model	Unit	DWQ40	DWQ60	DWQ80	DWQ100	DWQ120	DWQ160	DWQ200
Length	mm	585 - 610	824	970	1,076 - 1,094	1,057 - 1,072	1,208 - 1,238	1,253 - 1,285
Height	mm	293	391	491	552 - 557	587 - 610	613 - 627	662
Height Between Pins	mm	179	243	302	340	355	367	390
Width	mm	259 - 269	408 - 423	469 - 503	543 - 593	574 - 624	630 - 670	680 - 710
Installation Distance	mm	155 - 170	260 - 275	306 - 340	350 - 410	410 - 432	410 - 440	470 - 510
Arrival Distance	mm	153 - 168	257 - 273	303 - 337	347 - 407	407 - 429	407 - 437	467 - 507
Installation Range	mm	255 - 290	375 - 400	460 - 480	495 - 535	520 - 560	540 - 575	570 - 630
Pin Diameter	mm	45 - 50	50 - 70	70 - 80	80 - 90	90 - 100	100 - 110	110 - 120
Weight	Kg	60 - 70	170 - 190	330 - 340	510 - 528	630 - 636	670 - 755	760 - 890
Working Pressure	kg/cm ²	40 - 350	40 - 350	40 - 350	40 - 350	40 - 350	40 - 350	40 - 350
Flow Rate	l/min	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30
Base Machine Weight	ton	5 - 6	11 - 13	18 - 22	23 - 30	31 - 36	37 - 42	43 - 50

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COMPACTOR

- Available from 2 tons to 32 tons of excavators
- Very reliable performance
- Easy maintenance
- Durable parts

• SPECIFICATION

Description / Model	Unit	DWCP40	DWCP50	DWCP80	DWCP130
Base Machine Weight	ton	2 - 8	8 - 17	16 - 25	28 - 32
Impulse Force	ton	2 - 3	6 - 7	14 - 15	14 - 15
Vibration per Minute(Max)	vpm	2,400	2,300	2,200	2,000
Hydraulic Flow	rpm	600 - 3,000	600 - 2,000	600 - 2,000	600 - 2,000
Working Pressure	Kg/cm ²	90 - 130	150 - 250	150 - 250	180 - 210
Operating Weight	Kg/cm ²	360	510	880	1,288
Base Plate	mm	830 × 600	1,145 × 700	1,250 × 850	1,350 × 950

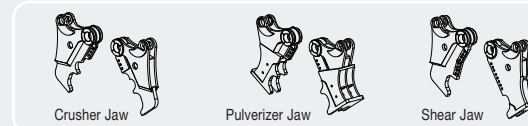
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MULTI PROCESSOR TWO CYLINDER TYPE

- Multi Processor – DWMP Series
- Exchangeable spike
- Robust rotation : slew ring / high quality motor
- Optional two types of tooth : easy replaceable tooth
- Cylinder protecting cover
- Wear resistance steel
- Efficient cycle time : quick opening

• Two Cylinder Two Point Type



PULVERIZER

- Outstanding durability and suitable design ensure the best productivity



• SPECIFICATION

Description / Model	Unit	DWMP 80	DWMP 110
Operating Weight	Shear	1,760	2,800
	Crusher	1,680	2,630
	Pulverizer	1,760	2,800
Overall Length	Shear	2,072	2,434
	Crusher	1,942	2,624
	Pulverizer	2,197	2,430
Overall Width	Shear	1,294	1,585
	Crusher	1,354	1,773
	Pulverizer	1,541	1,869
Max, Opening Width	Shear	522	603
	Crusher	886	1,163
	Pulverizer	890	968
Cutter Length	Shear	120 × 4ea	120 × 5ea
	Crusher	180	200
	Pulverizer	180	200
Crushing Force	Shear	56	103
	Crusher	85	135
	Pulverizer	95	171
Cutting Force	Shear	200	385
	Crusher	183	317
	Pulverizer	183	317
Operating Pressure	kg/cm ²	300	320
Oil Flow Rate	lpm	200 - 250	250 - 300
Speed-Up Valve		Option	
Motor Setting Pressure	kg/cm ²	160	160
Motor Oil Flow Rate	l/min	36 - 40	36 - 40
Revolving Speed	rpm	13 - 15	13-15
Base Machine Weight	ton	18 - 26	26 - 32

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• SPECIFICATION

Description / Model	Unit	DFP 80	DFP 100
Weight	kg	1,750	2,440
Length	mm	2,380	2,650
Max. Motor Pressure	bar	300	320
Opening Width	mm	880	1,020
Max. Cylinder Output	ton	101	122
Base Machine Weight	ton	20 - 26	26 - 33

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DSR • DWCS • RIPPER • HAMMER Series

SHEAR DSR / CLAMSHELL BUCKET / Vibro Ripper / Vibro Hammer

SHEAR

- 360° rotation device enabled by strong hydraulic motor and precise ring gear maximizes the job efficiency



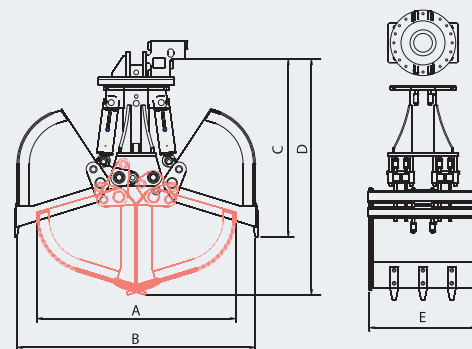
• SPECIFICATION

Description / Model	Unit	DSR 60	DSR 80	DSR 110	DSR 180
Weight	kg	1,400	2,000	3,400	4,700
Oil Flow Rate	lpm	150	200	250	380
Operating Pressure	bar	350	350	350	350
Cutting Force(at cutter tip)	ton	67	80	110	175
Max. Jaw Opening	mm	429	520	610	720
Max. Jaw Depth	mm	423	546	653	705
Base Machine Weight	ton	12 - 18	10 - 26	15 - 40	25 - 50

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CLAMSHELL BUCKET

- DOWIN clamshell is ideal for carrying, loading and unloading industrial wastes and crops, also dredging sand and handling other irregular work



• SPECIFICATION

Description / Model	Unit	DWCS50	DWCS80	DWCS100
A	mm	1,486	1,673	1,902
B	mm	1,768	2,000	2,165
C	mm	1,387	1,492	1,575
D	mm	1,781	1,981	2,051
E	mm	810	898	981
Weight	kg	898	1,100	1,497
Capacity	m ³	0.6	0.8	1
Base Machine Weight	ton	12 - 16	18 - 24	26 - 30

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VIBRO RIPPER

- Reduce noise more than 10dB against hydraulic breaker and secure 2 to 5 times higher performance covering 70% of all different types of working sites compared to hydraulic breaker.
- Most of field works such as breaking, ripping and crushed rubble handling can be simultaneously available.
- Carry out construction work even in city zone as sensitive place to machine noise.

• SPECIFICATION

Description / Model	Unit	DV150	DV200	DV300	DV400
Excavator class	ton	11 - 16	18 - 26	27 - 33	33 - 40
Ripper weight	kg	1,500	2,200	2,700	4,000
Frequency	bpm	2,000 - 2,500	2,000 - 2,500	2,000 - 2,500	2,000 - 2,500
Dimension (LxWxH)	mm	2,000 × 1,024 × 607	2,328 × 1,200 × 710	2,833 × 1,463 × 867	3,150 × 1,625 × 963
Hydraulic oil flow	lpm	80 - 140	130 - 180	170 - 200	200 - 260
Hydraulic working pressure	bar	150 - 200	180 - 200	200 - 250	200 - 250
Hydraulic return pressure	bar	6	6	6	6
Case drain maximum pressure	bar	4	4	4	4
Accumulator pressure	bar	6	6	6	6

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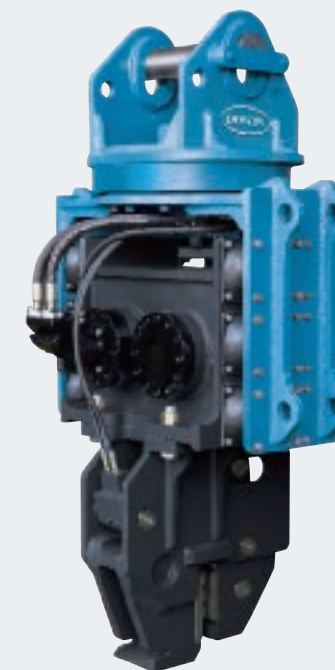
VIBRO HAMMER

- Lower cost of maintenance than crane hammer.
- Outstanding workability and mobility.
- Easier operate in critical regions such as chaotic section of city, bridge area and the vicinity of high-voltage wires than crane hammer does.
- Equipped with high-powered hydraulic piston motor and suitable bearing for high frequency vibration.

• SPECIFICATION

Description / Model	Unit	DW250	DW300	DW400
Excavator class	ton	20 - 28	28 - 34	33 - 40
Hammer weight	kg	1,600	1,800	1,900
Extension boom weight	kg	600	700	700
Clamping jaw	mm	65	65	65
Frequency	bpm	2,000 - 2,500	2,000 - 2,500	2,000 - 2,500
Slewing degree	degree	360	360	360
Dimension (LxWxH)	mm	1,857 × 1,042 × 650	1,959 × 1,103 × 792	2,016 × 1,196 × 830
Hydraulic oil flow	lpm	130 - 180	170 - 200	200 - 260
Hydraulic working pressure	bar	180 - 200	200 - 250	200 - 250

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Ordering Information

Mounting Cap

- DOWIN recommends our customers to purchase mounting cap together with breaker body and housing to fit your carrier.
- However, you can order it electively for your convenience and benefit.



Auto Greasing Kit

- Proper use of the auto greasing kit prevents premature bushing failure due to lack of lubrication.
- We recommend our customer to use auto greasing kit for longer life of breaker.

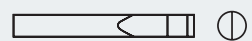


Carrier Size

Unit: ton

Description	Skid Loader	Backhoe Loader	360° Excavator Wheel Type	360° Excavator Crawler Type
DWT15			0.8 - 2.5	0.8 - 2.5
DWT20	1.2 - 3		1.2 - 3	1.2 - 3
DWT30	2.5 - 4.5	2.5-4.5	2.5 - 4.5	2.5 - 4.5
DWT40	3 - 5.5		3 - 5.5	3 - 5.5
DWT50	4 - 7	4-7	4 - 7	4 - 7
DWT70		6 - 9	6 - 9	6 - 9
DWT80		7-14	7 - 14	7 - 14
DWT100			11 - 16	11 - 16
DWT150			15 - 18	15 - 18
DWT190			18 - 21	18 - 21
DWT200			18 - 26	18 - 26
DWT270			25 - 30	
DWT350			28 - 35	
DWT380			30 - 40	
DWT480			40 - 55	
DW15G			13 - 18	13 - 18
DW20G			18 - 22	18 - 22
DW30G			27 - 30	
DW40G			35 - 45	
DW 50GX			35 - 50	
DW 65GX			40 - 70	

Working Tool(Chisel) Selection



Wedge

H-Wedge Chisel Type

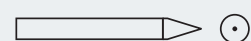
- Trenching and bending works
- Hard metal, sedimentary stone



Moil

30° Pyramid Moil Type

- Reinforced concrete



Conical

30° Universal Type

- Hard material breaking general demolition works



Blunt

Flat Type

- Breaking and scaling works in mines and tunnels
- Concrete, stone block, debris

Dealer Support Policy



Marketing Support

- You can meet DOWIN brand not only in the job site but also in the well-known international exhibitions and dedicated magazines.
- We will contribute to your sales activities through our continuous effort to build strong brand in the customer's mind.



Technical Support

- Through many research and field experience of after sales services, we will provide your sales staff and service engineer with effective way how to sales DOWIN products as well as to give the best maintenance service.



Warranty Support

- Our quality management system minimizes the defect in raw material and failure in workmanship. Meanwhile, we will suggest reasonable warranty policy against all the expectable cases of warranty claim.



Applicable Machine

Adaptable Base Carrier ranges for Hydraulic Breakers



Machine Hyd. Breaker	Bobcat	CASE CONSTRUCTION	CAT	DOOSAN	HITACHI	HYUNDAI HEAVY INDUSTRIES CO., LTD.
DW T15 (0.8-2.5ton) (0.05-0.1m³)	316, 323	410, 420, CX17B, CX27B	301.6C, 301.8C, 302.5C, 232B, 236B, 242B, 246B, 246C, 248B, 252B, 256C, 262B, 262C, 268B, 272C	Solar15Plus, DX27Z, 430Plus, 440Plus	ZX17U-2	ROBEX15, ROBEX28
DW T20 (1.2-3ton) (0.1-0.2m³)	323, 325, 325LA, 425, 425LA	410, 420, 430, 435, 440, CX17B, CX27B, CX31B	301.6C, 301.8C, 302.5C, 303C CR, 252B, 262B, 262C, 268B, 272C	Solar15Plus, DX27Z, 430Plus, 440Plus, 450Plus, 460Plus, 470Plus	ZX17U-2, ZX27U-2	ROBEX35, HSL650-7
DW T30 (2.5-4.5ton) (0.15-0.25m³)	325, 325LA, 425, 425LA, 329, 331, 331LA, 331EX, 430FT, 430LA FT, 430EX FT, 335	410, 420, 430, 435, 440, 445, 450, 465, CX27B, CX31B, CX36B, CX50B	302.5C 303C CR	Solar30Plus, Solar035, DX27Z, DX35Z, 430Plus, 440Plus, 450Plus, 460Plus, 470Plus	ZX35U-2, ZX30U-2	ROBEX55, HSL650-7, HSL850-7
DW T50 (4-7ton) / (0.15-0.25m³)	430EX FT, 335, 435FT, 435LA FT, 337, 337LA	450, 465, CX50B, 580M	304C CR, 305C CR, 307C	Solar55W-V, DX35Z, Solar55-VPlus	ZX40U-2, ZX500U-2, ZX80, EX60	ROBEX55W, ROBEX55-7
DW T70 (7-10.6ton) / (0.45-0.6m³)		CX75SR, CX80, 580M	416E, 420E, 430E, 307C, 308C CR, 307C SB, 428D	Solar75-V	ZX75US, ZX80, EX70	ROBEX95, ROBEX95W
DW T80 (7-14ton) / (0.45-0.6m³)		CX75SR, CX80, CX135SR, CX130, 580M	446D, 311C, 312CL, 314C LCR	Solar140LC-V, Solar140W-V, Solar160W-V, Solar75-V	ZX120, ZX135US	ROBEX110-7, ROBEX130W, ROBEX130LC
DW T100 (11-16ton) (0.5-0.7m³)		CX130	446D, 311C, 312CL, 314C LCR	Solar140LC-V, Solar140W-V, Solar160W-V	ZX120, ZX135US	ROBEX130W, ROBEX130LC, ROBEX140LC
DW T150 / DW 15G (15-18ton) / (0.5-0.7m³)		CX160B	314C LCR, 315CL	Solar175LC-V, Solar180W-V, DX180LC, DX190W	ZX160LC-3, Zaxis180W	ROBEX170W, ROBEX180LC, ROBEX200LC, ROBEX200W
DW T190 / DW 20G (18-21ton) (0.7-0.9m³)		CX210B	318CL	Solar220LC-V, Solar225LC-V, Solar225NLC-V, DX225LC, DX225NLC, Solar210W-V, DX180W-V, DX190W, DX210W	ZX200LC-3, Zaxis180W, Zaxis210W	ROBEX200W, ROBEX200LC, ROBEX210LC, ROBEX220LC, ROBEX250LC
DW T200 DW 20G (18-26ton) (0.7-0.9m³)		CX210B, CX225SR, CX240B	321D LCR, 320CL, 321C LCR, 324DL	Solar220LC-V, Solar225LC-V, Solar225NLC-V, Solar225SLR, DX225LC, DX225LC, Solar210W-V, DX180W-V, DX190W, DX210W	ZX200LC-3, ZX225LC-3, ZX240LC-3, ZAXIS230, ZAXIS210W	ROBEX200W, ROBEX200LC, ROBEX210LC, ROBEX220LC, ROBEX250LC
DW T270 / DW 30G (25-30ton) / (0.9-1.1m³)		CX240B, CX290B	325DL	Solar300LC-V, Solar300SLR, Solar225LL, DX300LC	ZX270LC-3	ROBEX280LC, ROBEX290LC, ROBEX300LC, ROBEX320LC, ROBEX330LC
DW T350 / DW 30G (28-35ton) / (1.1-1.6m³)		CX290B, CX330	328D LCR, 325C LCR, 330, 330BLC	Solar340LC-V, Solar300LL, DX340LC, DX300LL	ZX270LC-3, ZX350LC-3	ROBEX280LC, ROBEX290LC, ROBEX300LC, ROBEX320LC, ROBEX330LC, ROBEX360LC
DW T380 / DW 40G (30-45ton) / (1.25-1.7m³)		CX290B, CX330, CX460	328D LCR, 325C LCR, 345CL	Solar420LC-V, Solar300LL, DX340LC, DX300LL	ZX350LC-3	ROBEX360LC, ROBEX420LC, ROBEX450LC
DW T480 (40-55ton) / (1.4-2m³)		CX460	345CL	Solar420LC-V, Solar470LC-V, Solar500LC-V, DX480LC, DX520LC	ZX450LC-3	ROBEX500LC
DW50GX (35-50ton) (1.6-2m³)		220B/CK-B, 220CK/CL, 9060, 9060B, HC300FS/L, 220C/CK	231D/DLC, 235, 235B/BFS/BME/C/CME/CF5 /D/DLC/F, 300BL, 325FB, 330CL/L/LN, 345B/BL/BL-2/BLVG, 350L/ME, E450	DH450, S360LC-V, S400LC-3, S400LC-V, S420LC-V, S450LC-V, S470LC-V, S500LC-V	UH120, UH171/LC, UH172, UH181, EX370V, EX400/BH/H/LC/LCBH/LD, SUPER EX400, EX450LC/LCV/V, EX550, SUPER EX550, ZAXIS370	ROBEX3600LC-3, 3603, 4500LC-3, 4500LC-3A, 4503, ROBEX420/LC, ROBEX450LC
DW65GX (40-70ton) (1.8-4.5m³)		220CK-B, 300CK/CKFS, 9060B, HC300/FS/L	235CME/D/DLC, 245/B/B-2/BFS/BME/FS/ME, 330LL, 345B/BL/BL-2/BLVG, 350L/ME, 365BL, E450, E650	DH450, S450LC-V, S470LC-V, S500LC-V	UH120, UH20, EX400LC/LC3/LCBH, EX450LCV/V, EX550/BH/LC/LCV, EX700/H/BE, UH261, SUPER EX400, SUPER EX550, ZAXIS 450LC, ZAXIS 600LC	ROBEX4500LC-A, ROBEX450LC, ROBEX4503

JCB	KOBELCO	KOMATSU	LIEBHERR			
8018, 1CX	SK013, SK015	PC09, PC18MR, PC20MR, SK510, SK714, SK814			EC15B, EC20B	
8018, 1CX	SK30, SK20SR	PC18MR, PC20MR	L506		EC15, EC20, EC25, EC30, EC35, ECR28, ECR38	
8032, 2CX	SK35, SK45SR	PC27MR, PC30MR, PC35MR, SK714, SK814, SK818, SK820, SK1020, SK1026	L506, L507, L508, L509, L510		EC25, EC30, EC35, EC45, ECR28, ECR38, L20	
406, 407, 409, 8052, 8060, 8080, 3CX	SK40, SK45, SK50, SK60, SK70	PC78US, PC40MR, PC50MR, SK1026	L509, L510, L514, L524	MS04	EC45, EC55, ECR48, ECR58, L20, L25, L30, L35, BL61, BL71	NH8110, B110-50
3CX, 4CX, 1110, 411	SK60, SK70, SK80, SK100	PC78MR, PC78US	A309, L524, L528, L538, L542		ECR88, BL61, BL71, L40B, L45	B110-50
JS130, 411, 416, 426, 4CX, 416HT	SK100, SK115, SK120, SK130, SK135	PC78MR, PC120, PC130, PC138US	A311, A312, A314, L524, L528, L538, L542, L550, L556	MS110	EC140, ECR88, L40B, L45	
JS130, JS145, 416, 426, 436	SK100, SK115, SK115SR, SK120, SK135, SK150	PC120, PC130, PC138US, PC160LC, PW160	A311, A312, A314, A316, A900C, L550, L556, L566	MS120, MS140	EC140, EC160	E135B, E135BSR
JS150, JS160, JS175, 436	SK150, SK160, SK210	PC160LC, PW180	A316, A900C, L566, L576, L580	MS180	EC140, EC160, EC180	
JS175, JS180, JS200, 456	SK200, SK210	PC200, PC200LC, PC228US, PW200, PW220	A316, A900C, L566, L576, L580	MS230	EC160, EC180, EC210	
JS180, JS200, JS210, JS220, JS240	SK200, SK220, SK230, SK235, SK250	PC200, PC200-7, PC200LC, PC220, PC220-6, PC220LC, PC228US, PW200, PW220	A316, A900C, A900C ZW, A904C, A914C, A924C, L580, L586	MS230	EC160, EC180, EC210, EC240	E215B, E265B
JS240, JS260	SK270LC, SK290, SK300	PC270, PC270LC, PC300, PC300-6, PC300-7	A924C	MS380	EC240, EC290	
JS300, JS330	SK290, SK300, SK320, SK330, SK330-6E	PC270LC, PC300, PC300LC, PC300SE, PC350, PC350LC	A934C	MS380	EC290	E385B, L180
JS330	SK300, SK320, SK330, SK400, SK430, SK450	PC300, PC300LC, PC300SE, PC350, PC350LC, PC400, PC450	A934C	MS380	EC290, EC360, EC460	E385LC
JS450, JS460	SK400, SK430, SK460	PC400, PC400LC, PC450			EC360, EC460	
JS450, JS460/L	SK330LC, SK400LC-2,3,4, SK480LC, SK480LC MASS, K400CL/MK, K914/L5, K916/LC/LC MARK-2, SK330LCDA	PC300HDS/HD6/HD6MH, PC360, PC400, PC450LCD	R952/LIT, R954B LIT/ C LIT, R954V, R961/B, R962/LIT, R964B LIT, R965LIT, R944C LIT, A934C LIT, A944HD LIT, P954B LIT		SE350LC, SE450LC2, EC340, EC360/BLC, EC406BLC, EC420, EC450, EC460	EC350LC, EC450LC, E385B
JS450, JS460/L	SK480LC, SK480SL MASS, K916LC/LC MARK-3, K935/L5, SK400LC-2/3/4, SK480LC, SK600/SHVL	PC400HD6, PC400LS5FS, PC450LCD, PC600, PC650, PW400MH6	R954V, R962/LIT, R964LIT, R974LIT, A944CHD LIT, A944HD LIT, A954CHD LIT, R954B LIT, P964B LIT		SE450LC2, EC406BLC, EC420, EC450, EC460, EC620	EC450LC, E485B, EC600LC/LC MASS



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