

maxbRIO[®]

27 yrs
SINCE 1997

1 st
MADE IN KOREA

No. 1
WORLD'S FIRST
VIBRO-TECH



DAEDONG ENGINEERING

maxbRIO[®]
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maxbRIO
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Head quarter
1st and 2nd Factory

ABOUT US



DAEDONG Engineering is a leading manufacturer of innovative and reliable attachments for excavators. We have been manufacturing quality earthmoving attachments since 1997.

We are renowned in the industry for the high quality, robust equipment especially for Pile driver and Vibro ripper.

DAEDONG has been dominating the Pile driver industry with 95% of market share in Korea and distributing its quality products to over 45 countries for over two decades.

Our Vibro attachments are widely used in various applications such as Mining, Foundation work, Tunneling, Road Construction, Trenching and many other construction sites.

We are committed to develop, manufacture and market highly qualified products, that serve the mining and construction industry. Contributing to improve the productivity and profitability of our customers.

Over 26 years of experience

"MADE in KOREA"



Continuous R&D

Customer Satisfaction

DAEDONG will do our best to fulfill the wide range of customers' needs and will always be a sincere partner for our buyers around the world.



CONEX KOREA 2021

EXCON INDIA 2022

BAUMA MUNICH 2022

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MAXBRIO RIPPER



- The world's first Vibro Ripper that rips while giving vibration
- Higher productivity and efficiency than the hydraulic breaker
- Best performance in fractured rock sites
- Patented elastomer that protects excavators from vibration and shock
- Applications: Mining, Quarry, Demolition, Recycling, Downtown Construction, Civil Industries

Features

Posten Steel

- Made by Posco, Korea
- Completely made of hard facing steel

Cushion Elastomer

- Specially designed for protecting excavator from vibration and shock

Hardox Hituf

- Swedish steel



Patented Anti-Shock System

- German Motor
- Qualified vibratory power

Brio Link System

- Optimized structure for ripping and vibrating at the same time
- World patented product

Special Manganese Tooth

- Maximized durability



Benefits



World's first Vibro ripper

Designed and developed by DAEDONG in 2004



Mass Productivity

3 to 5 times more efficient and productive than the breaker

BR35 volumes up to 120m³ per hour
 BR45 volumes up to 150m³ per hour
 BR55 volumes up to 180m³ per hour
 BR65 volumes up to 200m³ per hour
 BR75 volumes up to 250m³ per hour



Specially designed for Anti-Shock system

Protect excavator from the shock and vibration



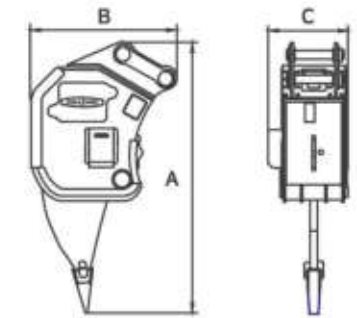
Noiseless in urban areas

Eco-friendly and Noiseless demolition equipment (80dB)



Alternative for blasting

For environmental and safety issues, blasting is restricted in mining site. One and only way is to use Maxbrio ripper



BR series

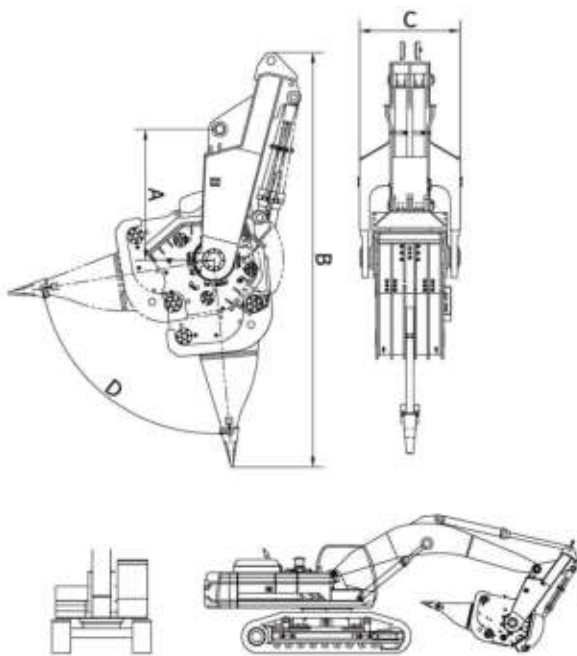
BR series		BR15	BR25	BR35	BR40	BR45	BR55	BR65P	BR75P	BR85P
Excavator class	ton	12-18	20-25	26-30	32-35	35-42	42-52	52-60	55-65	65-80
Frequency	rpm	1700	1700	1700	1800	1700	1700	1200	1200	1200
	Hz	28.3	28.3	28.3	30	28.3	28.3	20	20	20
Setting Oil Pressure	kg/cm ²	250	250	250	250	250	250	250	250	250
Required Oil Flow	l/min	100-120	120-140	180-200	180-210	260-270	290-300	240-260	300-320	300-320
(A) Height	mm	1985	2740	2900	2920	3253	3360	3250	3390	3640
	in	78.1	107.9	114.2	115	128	132	128	133.5	143.3
(B) Length	mm	1200	1420	1564	1584	1710	1782	1650	1667	1804
	in	47.2	55.9	61.6	62.4	67.3	70.2	65	65.6	71
(C) Width	mm	760	806	855	855	913	928	1057	1105	1154
	in	29.9	31.7	33.7	33.7	35.9	36.5	41.6	43.5	45.4
(D) Tooth	mm	265	470	470	470	470	575	575	575	575
	in	10.4	18.5	18.5	18.5	18.5	22.6	22.6	22.6	22.6
Weight (Incl. bracket)	kg	1460	2520	3310	3390	4690	5470	5720	7050	8490
	lb	3219	5556	7297	7474	10340	12059	12610	15542	18716

► The above specifications are subject to change without prior notice for quality enhancement

MAXBRIO BRMC



- One and only Vibro Ripper that rips and vibrates simultaneously
- Powerful ripping force of 48 ton class
- Capable of breaking rocks up to RQD 80
- Double shock absorbing system
- 2 times more productivity than the standard Vibro Ripper
- Alternative solution for blasting in urban areas



BRMC 75

Excavator class	ton	48-53
Frequency	rpm	1700
	Hz	28.3
Setting Oil Pressure	kg/cm ²	250
Required Oil Flow	l/min	320~350
(A) Height	mm/in	1900 / 74.8
(B) Length	mm/in	6020 / 237
(C) Width	mm/in	1462 / 57.5
(D) Tilting	degree	86
Weight (incl. excavator)	kg/lb	63970 / 140734

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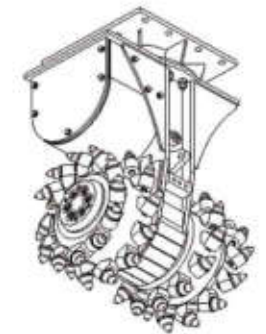
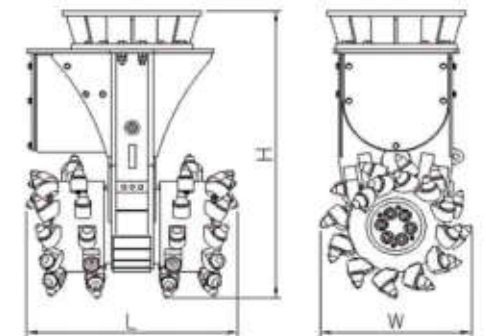
DRUM CUTTER

- Applicable range from 20 to 36 ton class excavator
- Cutting, milling and scalling rock and concrete surface with low noise and vibration
- High torque hydraulic motor and optimized tip pattern for higher productivity
- Used as back-fill material without additional crushing
- Robust housing design with wear resistant material



DDC series		DDC25	DDC35
Excavator class	ton	20-27	28-36
Rotation speed	rpm	60-110	50-85
Setting Oil Pressure	kg/cm ²	350	350
Required Oil Flow	l/min	180-300	180-300
(H) Height	mm/in	1425 / 56	1450 / 57
(L) Length	mm/in	900 / 35	1000 / 39
(W) Width	mm/in	720 / 28	720 / 28
Weight	kg/lb	1500 / 3307	2100 / 4620

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MAXBRIO MULTI

- Multi-Purpose attachment
- Cost saving with just one attachment
- Maintenance-free
- Options: Vibro Ripper, Vibro Screening Bucket, Compactor, Vibro Hammer, Harrow



Feature



Versatile Attachment

- Easy to switch into other tools
- Compact and powerful
- 2 times higher production than the standard tool

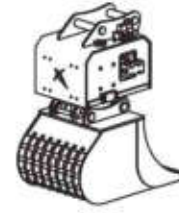


Over 30 years of Vibro Technology

- Specialized in Vibro attachments since 1997
- Certified Eco-friendly rock breaking equipment by the Korea government
- World patented product

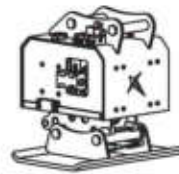


Tools



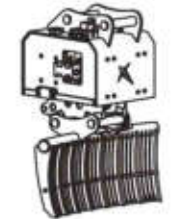
Vibro Screening Bucket

- Ideal screening work in permafrost, sticky soil and soft rock



Compactor

- Available for a road construction
- Ideal compacting work in deep ditch



Harrow

- Tool for filtering rocks from soil
- Applicable for tree-working, and weed-whacking



Compact Vibro Ripper

- Powerful rock breaking machine
- Higher productivity than breaker

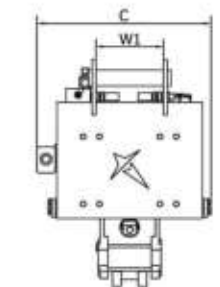
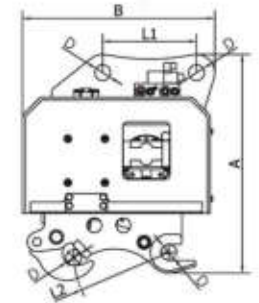


Compact Vibro hammer

- Ideal for removing fence at narrow jobsites
- Driving & extracting wood piles

BR-M series

		BR5M	BR15M	BR25M
Excavator class	ton	5-8	14-18	20-25
Frequency	rpm	2500	1700	1700
	Hz	41.7	28.3	28.3
Setting Oil Pressure	kg/cm ²	200	250	250
Required Oil Flow	l/min	50	100	140
Working Force	ton	3.5	10	19.5
(A) Height	mm/in	628 / 24	897 / 35	1122 / 44
(B) Length	mm/in	561 / 22	790 / 31	1056 / 41
(C) Width	mm/in	430 / 16	714 / 28	827 / 32
(D) Diameter	mm/in	45 / 1.7	65 / 2.5	80 / 3.1
(L1) Distance	mm/in	285 / 11	385 / 15	460 / 18
(L2) Distance	mm/in	280-290 / 11	380-400 / 14-15	440-470 / 17-18
(W1) Width	mm/in	164 / 6	277 / 10	335 / 13
Weight	kg/lb	250 / 551	750 / 1653	2100 / 4630



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ANTI-SHOCK



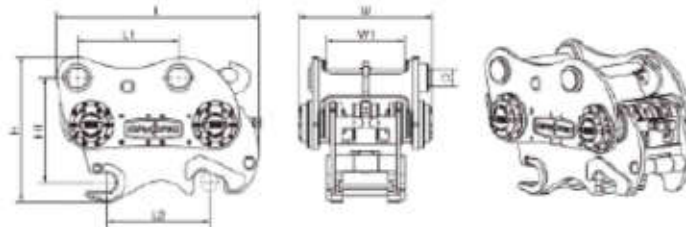
- Anti-Shock technology derived from standard quick-coupler
- Absorbing 97% recoil shock when using it with the breaker
- Protects and extends lifespan of excavator boom, and arm
- Applicable for all kinds of attachment
- Secured stability with Double-Safety device
- Product performance certified by the Korean government Korea Institute of Machinery and Material (KIMM) and Korea Construction Equipment Technology Institute (KOCETI)

BD series		BD15	BD25	BD35	BD45	BD55
Excavator class	ton	14-18	20-22	30-32	33-38	42-48
(H) Height	mm / in	558 / 22	680 / 26	730 / 28	856 / 33	945 / 37
(L) Length	mm / in	840 / 33	950 / 37	1030 / 40	1178 / 46	1360 / 53
(W) Width	mm / in	523 / 20	618 / 24	676 / 26	760 / 29	766 / 30
Weight	kg	260-350	350-570	570-740	740-1000	1000-1100
	lb	573-772	772-1257	1257-1630	1630-2205	2205-2425

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Awarded "New Excellent Technology (NET)"



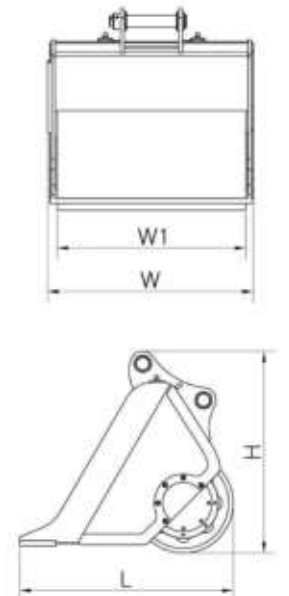
ROLLER BUCKET

- Applicable range from 5 to 25 ton class excavator
- Versatile Vibro-Compactor Bucket
- Trenching and compacting with just one attachment
- Highly effective in narrow ditch compaction work (pipe line, road and slope)



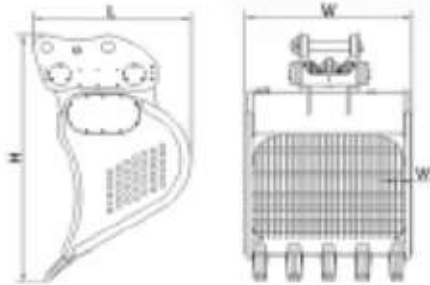
BC series		BC05	BC15	BC25
Excavator class	ton	5-7	14-18	20-25
Frequency	rpm	3000	2500	2500
Setting Oil Pressure	kg/cm ²	250	250	250
Required Oil Flow	l/min	40-48	100-120	150-180
Centrifugal Force	lb/kN	5126 / 22.8	15512 / 69	24729 / 110
(H) Height	mm/in	806 / 31.7	1110 / 43.7	1350 / 53.1
(L) Length	mm/in	921 / 36.3	1175 / 46.3	1412 / 55.6
(W) Width	mm/in	478 / 18.8	1138 / 44.8	1185 / 46.7
(W1) Width	mm/in	402 / 15.8	1033 / 40.7	1074 / 42.3
Capacity	m ³	0.1	0.4	0.7
Weight	kg/lb	290 / 639	1090 / 2403	1670 / 3682

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SCREENING BUCKET

- Applicable range from 5 to 42 ton class excavator
- Screening bucket combined with vibration, offering high productivity
- Ideal in permafrost, sticky soil and soft rock
- Made of wear-resistant steel



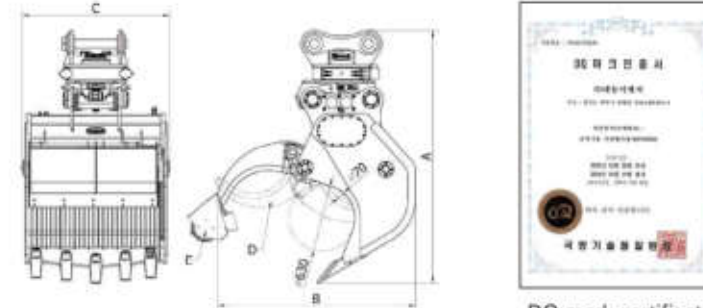
DVB series		DVB05	DVB15	DVB25	DVB35	DVB45
Excavator class	ton	5-7	14-16	18-22	28-30	32-42
Frequency	rpm	2500	2500	2500	2500	2500
Setting Oil Pressure	kg/cm ²	250	250	250	250	250
Required Oil Flow	l/min	30-40	80-100	130-150	180-200	180-200
(H) Height	mm	1152	1400	1587	1710	2040
	in	45.3	55.1	62.4	67.3	80.3
(L) Length	mm	723	1024	1180	1255	1287
	in	28.4	40.3	46.4	49.4	50.6
(W) Width	mm	650	1100	1250	1350	1350
	in	25.5	43.3	49.2	53.1	53.1
(W1) Distance	mm	100X100	110X110	120X120	130X130	1350
	in	3.9X3.9	4.3X4.3	4.7X4.7	5.1X5.1	5.1X5.1

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DEMINEING BUCKET



- Applicable range from 20 to 25 ton class excavator
- Highly effective removing mine in mountainous terrain
- 360° rotating function
- Applicable with cutter and mower
- Armored shield protects operator from the blast and flying debris
- Certified DQ mark approved by Korea National Defense



DQ mark certificate

DEMINEING BUCKET		DMB20	
Excavator class	ton	20-25	
Frequency	rpm	2500	
	Hz	41.6	
Setting Oil Pressure	kg/cm ²	250	
Required Oil Flow	l/min	120-140	
Rotation	degree	360	
(A) Height	mm/in	2420 / 95.3	
(B) Length	mm/in	1880 / 74	
(C) Width	mm/in	1400 / 55	
Weight	kg/lb	2450 / 5401	
(D) Cutter	-	Hydraulic cylinder	
(E) Mower	Type	- Rotary type	
	Speed	rpm	2500
	Width	mm/in	976 / 38.4
	Weight	kg/lb	170 / 375

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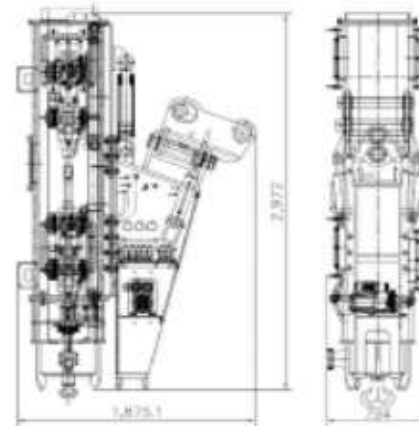
VACUUM DRILL

- Noiseless covered by vacuumed housing and body
- Productive and economical than the existing drill
- Reduce noise more than 15dB compared to standard drilling machine
- 3 times faster drilling speed
- Alternative solution for blasting in noise-restricted areas



VACUUM DRILL

Excavator class	ton	28-35
Drilling Diameter	mm / in	75-105 / 2.9-4.1
Drilling Length	mm / in	MAX. 1300 / 51.1
Drilling Speed	mm / min	900-1200 / 35-47
Rotating Speed	rpm	0-250
Rod	-	T45
Dmn.	Length	mm / in 1880 / 74
	Width	mm / in 790 / 31
	Height	mm / in 3330 / 131
	Weight	kg / lb 2700 / 5952



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MULTI CORE DRILL

- Drill 3 holes at the same time
- Low labor cost and expense by using remote control
- Torque, depth, drilling speed controlled automatically
- Noise level below 60dB(A)



Features



±15° Tilting



Multi drilling

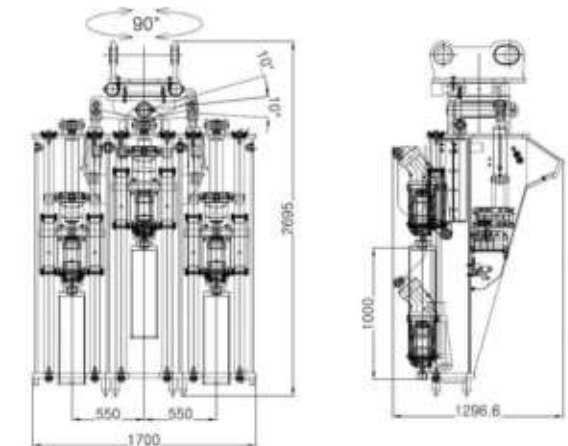


Remote control



MULTI CORE DRILL

Excavator class	ton	28-35	
Length	mm / in	1700 / 66.9	
Width	mm / in	1296 / 51	
Height	mm / in	2695 / 106.1	
Weight	lb / kg	4850 / 2200	
Drilling	Hole	ea	3
	Diameter	mm / in	95-205 / 3.7-8
	Length	mm / in	MAX. 1000 / 39
	Speed	cm / min	0-30
	R.Speed	rpm	0-1000



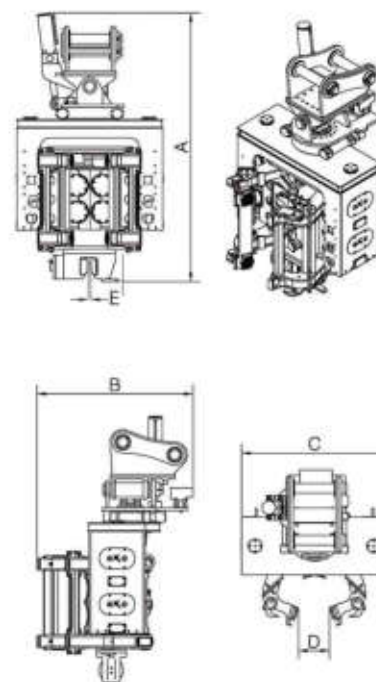
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SIDE DPD PILE DRIVER

- Applicable range from 20 to 52 ton class excavator
- Maximum power of precision during the pile driving process
- Vibration of tilting type with precise vertical movement
- 4 Eccentrics that provides powerful low-frequency vibration
- Elastomer quality guaranteed through self-produced injection machine
- Optimum solution for sites with limited access or space
- Vertical Vibro Guide: Precise and steady vertical movement during the entire operation
- Designed to drive and extract all types of piles (sheet pile, trench sheet, H-beam, tubular steel pile, timber pile)



DPD-S series		DPD450S	DPD650S	DPD750S
Excavator class	ton	20-28	30-35	36-52
Frequency	rpm	2500-3000	2500-3000	2500-3000
	Hz	41.7-50	41.7-50	41.7-50
Setting Oil Pressure	kg/cm ²	250	280	300
Required Oil Flow	l/min	180	240	280
Centrifugal Force	lb/kN	101164 / 450	128141 / 570	168607 / 750
Eccentrics	ea	2	4	4
(A) Height	mm/in	2677 / 105	2684 / 105	2763 / 108
(B) Length	mm/in	1514 / 60	1518 / 60	1520 / 60
(C) Width	mm/in	1518 / 60	1520 / 60	1534 / 60
(D) Side Jaw	mm/in	225 / 9	225 / 9	318 / 12
(E) Clamp Jaw	mm/in	32 / 1.3	40 / 1.6	40 / 1.6
Rotation	degree	360	360	360
Weight	kg/lb	2860 / 6292	3560 / 7832	3940 / 8668



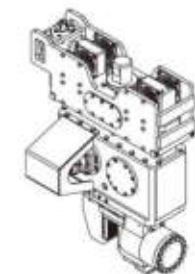
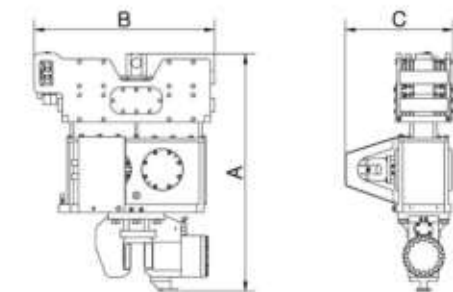
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BASIC DPD PILE DRIVER

- Applicable range from 18 to 36 ton class excavator
- Workable in both excavator and crane
- Operated manually that rotates up to 270 degrees
- Compact and European style designed Pile Driver



DPD-B series		DPD300B	DPD650B
Excavator class	ton	18-25	26-36
Frequency	rpm	2500	2500
	Hz	42	42
Setting Oil Pressure	kg/cm ²	250	250
Required Oil Flow	l/min	180	200
Centrifugal Force	lb/kN	58225 / 259	112405 / 542
(A) Height	mm/in	1480 / 58	1494 / 59
(B) Length	mm/in	1020 / 40	1020 / 40
(C) Width	mm/in	622 / 24.5	622 / 24.5
Rotation	degree	270	270
Weight	kg/lb	1250 / 2756	1312 / 2866



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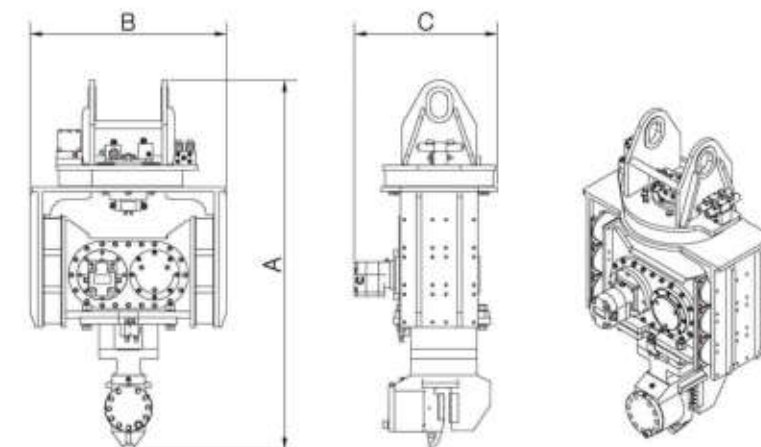
GENERAL DPD PILE DRIVER

- Applicable range from 18 to 45 ton class excavator
- Mechanism that requires no powerpack
- Designed joystick that rotates 360° automatically
- Pile can be hooked up to the main body for additional safety
- Proven performance, operation under overpasses, bridges and narrow passageways
- Optional : Tube Clamp (pipe and tube pile of 100-350m)



DPD-G series		DPD350	DPD450	DPD600	DPD700
Excavator class	ton	18-25	28-36	32-40	36-45
Frequency	rpm	2500-3000	2500-3000	2500-3000	2500-3000
	Hz	41.7-50	41.7-50	41.7-50	41.7-50
Setting Oil Pressure	kg/cm ²	250	250	250	250
Required Oil Flow	l/min	180	200	200	300
Centrifugal Force	lb/kN	71936 / 320	87675 / 390	112405 / 500	155118 / 690
(A) Height	mm/in	1944 / 76.5	2050 / 80.7	2100 / 82.6	2205 / 86.8
(B) Length	mm/in	1020 / 40	1080 / 42.5	1363 / 53.7	1455 / 57.2
(C) Width	mm/in	600 / 23.6	650 / 25.6	757 / 29.8	770 / 30.3
(D) Clamp Jaw	mm/in	32 / 1.2	32 / 1.2	40 / 1.6	40 / 1.6
Rotation	degree	360	360	360	360
Main body	kg/lb	1400 / 3080	1800 / 3968	1900 / 4189	1980 / 4365
Extension boom	kg/lb	613 / 1348	770 / 1694	770 / 1694	860 / 1892

► The above specifications are subject to change without prior notice for quality enhancement.



TILTING DPD PILE DRIVER



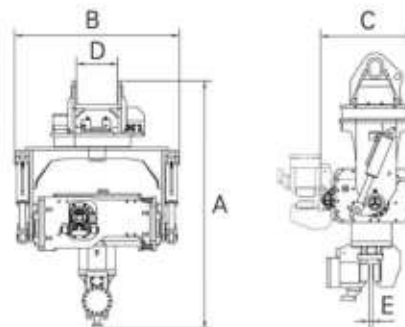
- 90° Tilting and 360° Rotation by using specially designed joystick
- Non-stop piling operation, pile can be picked up horizontally and vertically driving directly to the ground
- Powerful hydraulic clamp to ensure safety during operation
- Extended lifetime by using German bearing designed for high frequency vibration
- S-mark safety product certified by the Korean government
- Optional : Tube Clamp (pipe and tube pile of 100-350m)



- **German Motor**
 - Qualified vibratory power
- **Circulating System**
 - Extends lifetime of bearing
 - Minimize noise level

- **Safety Control System**
 - Powerful hydraulic clamp to ensure safety during the operation
 - Certified safety product
- **[Patented] 90° Tilting Function**
 - Easy and accurate control of piling
- **Cushion Elastomer**
 - Patented cushion elastomer absorbs vibration and protects the excavator

Option •



DPD-T series		DPD250T	DPD350T	DPD600T	DPD700T	DPD850T
Excavator class	ton	14-18	20-25	28-36	36-42	42-52
Frequency	rpm	2500-3000	2500-3000	2500-3000	2500-3000	2500-3000
	Hz	41.7-50	41.7-50	41.7-50	41.7-50	41.7-50
Setting Oil Pressure	kg/cm ²	250	250	250	250	250
Required Oil Flow	l/min	120	180	200	300	300
Centrifugal Force	lb/kN	35969 / 160	71936 / 320	116896 / 520	155118 / 690	188227 / 840
Rotation/Tilting	degree	360/90	360/90	360/90	360/90	360/90
(A) Height	mm	1940	2100	2100	2380	2380
	in	76.4	82.6	82.6	93.7	93.7
(B) Length	mm	1185	1320	1363	1460	1484
	in	46.6	52	53.7	57.5	58.4
(C) Width	mm	714	762	757	780	780
	in	28	30	29.8	30.7	30.7
(D) Upper Pin	mm	265	345	345	345	345
	in	10.4	13.5	13.5	13.5	13.5
(E) Clamp Jaw	mm	40	32	40	40	40
	in	1.6	1.2	1.6	1.6	1.6
Main body	kg	1300	1900	2050	2200	2500
	lb	2866	4180	4510	4850	5512
Extension boom	kg	-	613	770	860	860
	lb	-	1348	1694	1892	1892

► The above specifications are subject to change without prior notice for quality enhancement.



TILTING & AUGER DPD PILE DRIVER

- Multi-functional Piling and Auger Drilling
- Patented AVH (Auger Vibro Hammer) construction technology
- Efficient in hard soil, vibration and Auger Drill combined
- Equivalent productivity with DTH hammer

Features

Piling & Drilling

- Auger drilling with vibration
- Efficient in hard soil

[Patented] 90° Tilting Function

- Easy piling and extracting
- No extra worker required

Cushion Elastomer

- Specially designed for protecting excavator from the shock



- **German Motor**
- Best vibratory power in the world

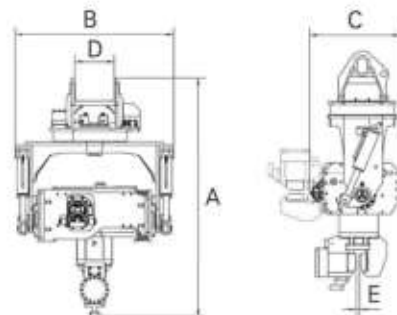
- **Circulating System**
- Extends lifetime of bearing
- Minimize noise level

PILE DRIVING & EXTRACTING

- Easy to drive, extract and arrange various piles
- Safety proven by using safe control system
- Auger screw, sheet pile, H-beam and tube can be easily controlled by a single operator with 90° tilting function

AUGER DRILLING

- Easy to attach and detach auger screw
- Best performance can be derived for drilling operations in hard soil and permafrost by using powerful vibration



DPD-TA series		DPD250TA	DPD350TA	DPD600TA	
Excavator class	ton	18-22	28-35	36-45	
Frequency	rpm	2500-3000	2500-3000	2500-3000	
	Hz	41.7-50	41.7-50	41.7-50	
Centrifugal Force	lb/kN	35969 / 160	71936 / 320	116896 / 520	
Setting Oil Pressure	kg/cm ²	250	250	250	
Required Oil Flow	l/min	100-120	180	240	
Auger Function	Output Torque	kg-m	1500	2000	2000
		ft-lbs	4774	14466	14466
	Rotate speed	rpm	10~20	10~20	10~20
	Oil Flow	l/min	32~64	54~110	54~110
	Screw & Bit (option)	Ø	Max.250 (Dia.)	Max.400 (Dia.)	Max.450 (Dia.)
		mm	Max.3000 (L)	Max.6000 (L)	Max.8000 (L)
	Power Pack (option)	kw	37	52	52
		hp	50	70	70
		l/min	64	110	110
		kg/cm ²	240	240	240
(A) Height	mm/in	1950 / 76.8	2180 / 85.8	2180 / 85.8	
(B) Length	mm/in	1185 / 46.7	1320 / 52	1363 / 53.7	
(C) Width	mm/in	690 / 27.2	762 / 30	762 / 30	
(D) Upper Pin	mm/in	345 / 13.5	345 / 13.5	345 / 13.5	
(E) Clamp Jaw	mm/in	32 / 1.2	40 / 1.6	40 / 1.6	
Rotation/Tilting	degree	360 / 90	360 / 90	360 / 90	
Main Body	kg/lb	1390 / 3064	2180 / 4806	2380 / 5247	
Extension Boom	kg/lb	-	770 / 1694	860 / 1892	

- ▶ Power-pack is required for using auger drill and vibration at the same time.
- ▶ The above specifications are subject to change without prior notice for quality enhancement.



TELESCOPIC PILE DRIVER



- Applicable range from 38 to 52 ton class excavator

TELESCOPIC

- Maximum length up to 21m of pile
- Working precision with auto control system
- Automatic driving system with six sensors (option)
- Easy to mount and dismount from the excavator through link adaptor

PILE DRIVER (VIBRO HAMMER)

- The most powerful vibration of 530KN amongst the products
- Accumulator prevents accident on dropping the pile
- Cost-effective compare to the crane type



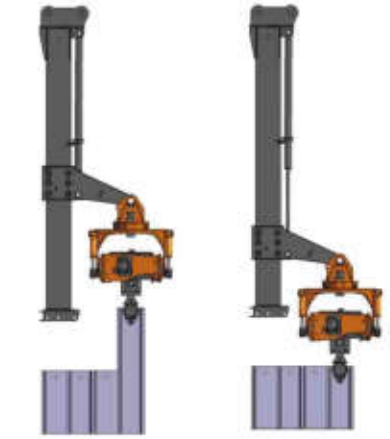
DTVH series		DTVH700	DTVH850
Excavator class	ton	38-42	45-52
Maximum Piling Length	mm/in	18000 / 708.6	21000 / 981.3
Pile driver	Recommend Model	-	DPD700T
	Frequency	rpm	2500-3000
	Centrifugal Force	lb / kN	155118 / 690
	Setting Oil Pressure	kg/cm ²	250
	Required Oil Flow	l/min	300
	Rotation / Tilting	kg/cm ²	360/90

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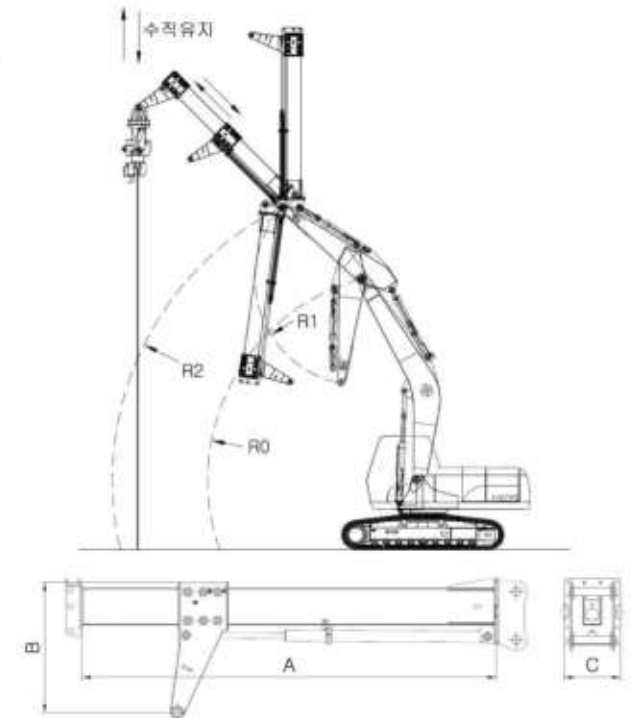
DPD TELEBOOM

- Up to 12-13m sheet piles and H-beam
- Wider operating radius than the standard extension boom
- Helps to drive and extract piles vertically
- Easy installation without an additional piping line



DSB series		DSB1400	DSB2000
Excavator class	ton	20-25	30-42
Dmn.	A	mm/in	3300 / 129
	C	mm/in	1410 / 55
	D	mm/in	610 / 24
Weight	kg/lb	800 / 1763	1150 / 2535
Cylinder Power	Rod	ton	12.5
	Piston	ton	19.5
	Distance	mm/in	1400 / 55
Piling Length	m	12.4	13.6
Driving Ability	ton	10	13
Working Radius	R0	mm/in	5700 / 224
	R1	mm/in	2900 / 114
	R2	mm/in	8300 / 326

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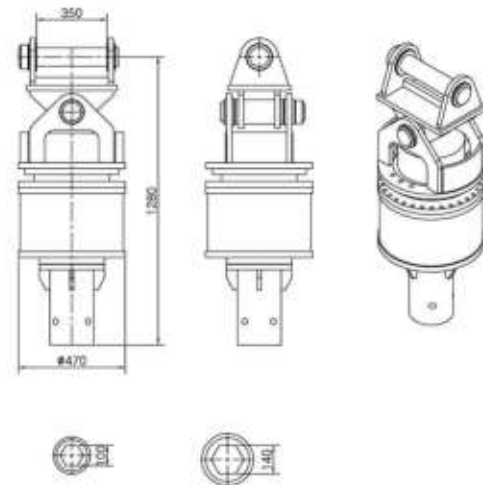
AUGER DRILL

- Applicable range from 5 to 45 ton class excavator
- Suitable for drilling holes in hard and sticky soil
- For pre-boring and soil sampling before the piling work
- Deeper drilling is possible with extension boom



DAD series			DAD1100	DAD2400	DAD4000	DAD6000
Excavator Class	ton		5-8	12-18	20-30	30-45
Max. Diameter Rod	Soft soil	mm	400	500	600	900
	Soil (shale, clay)	mm	200	300	400	600
Output Torque	kg-m		1100	2400	4000	6000
	ft-lbs		7956	17360	28932	43400
Rotating Speed	rpm		35-55	35-50	40-60	50-100
Setting Oil Pressure	kg/cm ²		100-240	160-250	160-280	160-280
Required Oil Flow	l/min		100-170	120-180	180-260	200-280
Main Body	kg/lb		520 / 1146	730 / 1609	810 / 1786	860 / 1896
Extension Boom	kg/lb		-	660 / 1452	660 / 1452	700 / 1540

- ▶ The above specifications are subject to change without prior notice for quality enhancement.
- ▶ Extension boom, Auger screw and bit are option item.



COMPACTOR

- Applicable range from 7 to 42 ton class excavator
- Highly effective in narrow ditch compaction
- Breaker piping line required
- Application : road construction, building foundation, and slope compaction



DDC series			DDC70	DDC140	DDC220	DDC300
Excavator Class	ton		7-12	14-18	18-22	26-42
Frequency	rpm		2400	2400	2200	2200
Setting Oil Pressure	kg/cm ²		100-130	100-130	150-200	150-200
Required Oil Flow	l/min		50-80	80-120	130-170	160-230
Working Force	ton		3-4	6-7	9-11	12-15
Height	mm/in		760 / 29.9	930 / 36.6	1050 / 41.3	1100 / 43.3
Width	mm/in		550 / 21.6	700 / 27.5	900 / 35.4	900 / 35.4
Compact area	mm		450 X 700	650 X 750	750 X 1000	900 X 1300
Weight	kg/lb		340 / 748	620 / 1364	850 / 1870	1280 / 2816

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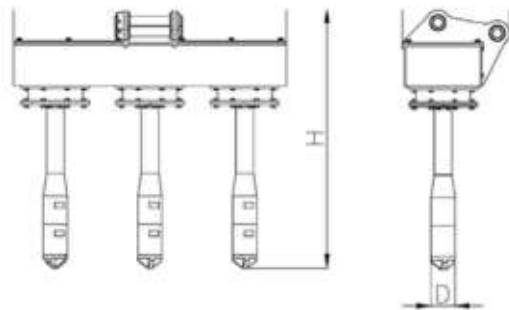
VIBACK CONCRETE VIBRATOR

- Applicable range from 7 to 22 ton class excavator
- 6000~8000 rpm high frequency vibration
- Required for RCD dam construction to increase density of concrete
- Made of highly durable, heat-treated wear resistant material



DDV series		DDV50	DDV130
Excavator class	ton	7-14	14-22
Frequency	rpm	7000-8000	6000-7500
	Hz	110-130	100-125
Oil Pressure	kg/cm ²	200	200
Oil Flow	l/min	80-100	120-130
Vibrator Bar	unit	3	4
Efficiency	m ³ /h	110-160	150-200
(D) Diameter	Ø	Ø127	Ø150
(W) Width	mm/in	1440 / 56.6	1900 / 74.8
(L) Length	mm/in	566 / 22.2	696 / 27.4
(H) Height	mm/in	1366 / 53.7	1532 / 60.3
Weight	kg/lb	520 / 1100	860 / 1650

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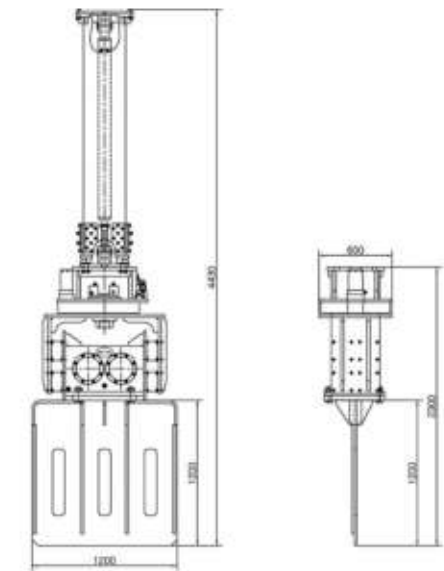
VIBRO PLATE

- Applicable range from 14 to 22 ton class excavator
- For RCD dam construction project
- All-in-one block for oil flow control valve that rotates 360 degrees
- Wear resistance by using Hardox plate



VIBRO PLATE		DVP1300
Excavator class	ton	14-22
Frequency	rpm	2800-3000
	Hz	46-50
Working Pressure	kg/cm ²	220
Oil Quantity	l/min	110-120
Turning Angle	degree	360
Lifting from up to down	mm/in	1200 / 47.2
Overall Width	mm/in	1200 / 47.2
Overall Length	mm/in	600 / 23.6
Overall Height	mm/in	4430 / 174.4
Main Body	kg/lb	1270 / 2800
Cutting Body	kg/lb	330 / 728

► The above specifications are subject to change without prior notice.



BREAKER

- Applicable range from 1 to 40 ton class excavator
- Fit into diverse working conditions
- High impact power and low maintenance cost
- Improved chisel diameter that provides powerful impact
- Easily replaceable parts
- Longer durability of chisel pin



DDB1500 Top type DDB1500 Box type DDB2000 Top type DDB2000 Box type DDB3600 Top type DDB3600 Box type DDB4500 Top type DDB4500 Box type

DDB series			DDB200	DDB300	DDB400	DDB500	DDB700	DDB1500	DDB2000	DDB3600	DDB4500
Excavator class	ton		1-3	2-4	4-6	6-9	7-11	12-16	18-25	26-34	35-40
Operating Weight	Top type	kg	112	128	250	443	550	1300	1850	2500	3130
	Box type	kg	127	151	298	460	570	1320	1870	2550	3180
Working Pressure	kg/cm ²		90-120	90-120	100-130	120-150	130-160	150-180	160-180	160-190	160-190
Required Oil Flow	l/min		20-40	20-50	30-60	50-90	60-100	90-120	120-150	150-190	190-250
Tool Diameter	mm/in		45/1.7	53/2	68/2.6	75/2.9	85/3.3	120/4.7	135/5.3	150/5.9	160/6.3
Back Head N2 pressure	kg/cm ²		12	12	12	12	12	12	12	11	11
Impact Rate	bpm		700-1100	500-1000	450-850	400-800	400-800	400-800	400-800	350-500	300-600

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QUICK COUPLER

- Applicable range from 7 to 50 ton class excavator
- Quick and easy change for various attachments
- Save time for excavator operation
- Abrasion resistant and high tension steel for longer durability



DDQ series			DDQ70	DDQ140	DDQ220	DDC300	DDQ420	DDQ500
Excavator class	ton		7-8	14-16	18-22	24-30	32-36	38-50
Working Pressure	kg/cm ²		40-280	40-320	40-320	40-350	40-350	40-350
Oil Flow	l/min		10-20	10-20	10-20	10-20	10-20	10-20
Bucket Pin	mm		Ø 55	Ø 65	Ø 80	Ø 90	Ø 100	Ø 120
	in		Ø 2.1	Ø 2.5	Ø 3.1	Ø 3.5	Ø 3.9	Ø 4.7
Pin to Pin Distance	mm		285-340	380-445	444-500	510-530	540-560	560-600
	in		11.2-13.3	14.9-17.5	17.4-19.6	20-20.8	21.2-22	22-23.6
Weight	kg		90	180	370	560	680	720
	lb		198	396	815	1234	1499	1587

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