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DAEDONG ENGINEERING

The Pioneer of Vibro Technology

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DAEDONG Engineering is an industry leading manufacturer of innovative and reliable attachments for excavators and has been manufacturing quality earthmoving attachments since 1997. We are renowned in the industry for the high quality, robust equipment especially for pile drivers and vibro rippers. DAEDONG has been dominating the pile driver industry with 95% of market share in Korea and has been distributing its quality products to over 45 countries in the past decades.

Our products are widely used in various applications such as foundation work, road construction, tunneling, trenching, mining and many other construction sites.

We are committed to develop, manufacture and market highly processed products, that serve the mining and construction industry, and contribute to improving the productivity and profitability of our customers.

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



· 3rd Factory and R&D (Korea Vibro Technology Institute)



· 2nd Factory and Head Office



· 1st Factory and After Sales Services Center



· Our assembly line ensures the highest quality and timely delivery of our "Made in Korea" products.



· Test machine



· Bauma Munich 2013



· Conex Korea 2014



· Intermat Paris 2015

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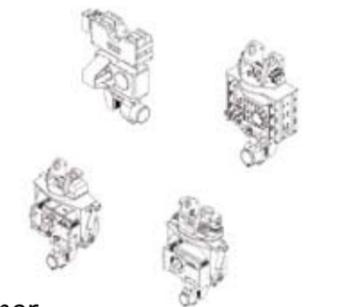
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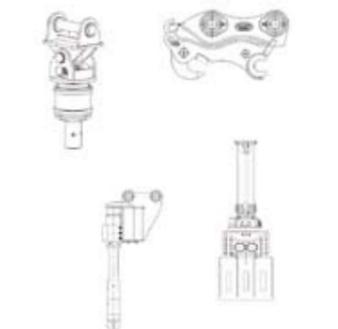
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MAXBRIO RIPPER

[World Patent Product]

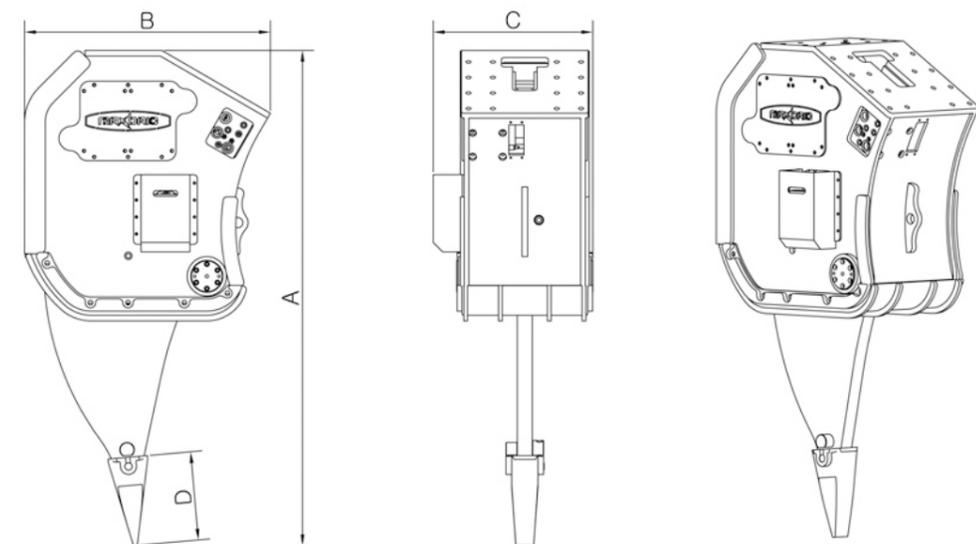
- For excavators range from 12 to 65ton
 - The original, innovative and reliable vibro ripper
 - Higher productivity & efficiency than any other attachments
 - 1700-2500rpm high frequency vibration
 - Eco-friendly and noiseless equipment (80dB)
 - Protected under patent number EP 220118*** / US 827668***
-
- Optimized structure for more powerful performance
 - Maximized durability with Hardox wear-resistant steel
 - Innovative design and improved durability of tooth & pin
 - Easy installation with one way hydraulic breaker line from excavator
 - Protect excavators from vibration and shocks by the patented elastomer cushions
 - Applications : mining, tunneling, trenching, foundation work, permafrost, road construction, noise restriction area, downtown construction site
 - Workable in extreme weather condition (-40°C to 60°C) and underwater
 - Excellent performance on veined, cracked and soft rock



Technical Specification

Model	Units	BR15	BR25H	BR25	BR35H	BR35	BR45	BR55	BR65	
Applicable Excavator	ton	12~17	18~27		28~35		36~42	43~55	56~65	
Frequency	rpm	1700	2500	1700	2500	1700	1700	1700	1700	
	Hz	28.3	41.6	28.3	41.6	28.3	28.3	28.3	28.3	
Setting Oil Pressure	kg/cm ²	250	260	250	260	250	250	250	250	
	psi	3556	3556	3556	3698	3556	3556	3556	3556	
Required Oil Flow	l/min	100~120	150~170	120~140	180~200	180~200	260~280	290~310	320~350	
	gpm	26.4~31.7	39.6~45	31.7~37	47.5~52.8	47.5~52.8	68.7~74	76.6~81.8	84.5~92.5	
Air spring Pressure	Bar	4	4	3	4	4	3	3	3	
Dimension	Height (A)	in	70	91	97	96	104	115	119	134
		mm	1770	2316	2468	2448	2630	2912	3018	3416
	Length (B)	in	41	43	48	45	52	57	59	64
		mm	1030	1095	1208	1152	1310	1440	1486	1617
	Width (C)	in	30	32	32	32	34	36	37	41
		mm	760	806	806	825	855	913	928	1033
	Tooth (D)	inch	10	19	19	19	19	19	23	23
		mm	265	470	470	470	470	470	575	575
	Weight	lb	2866	4189	4938	5423	6526	8289	9612	12254
		kg	1300	1900	2240	2460	2960	3760	4360	5570

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



MAXBRIO Damper

[New Technology & World Patent]

· MAXBRIO Damper suggests a new paradigm for attachment link system. It is designed to protect the excavator and operator by absorbing 97% of recoil shock when using hydraulic breaker.

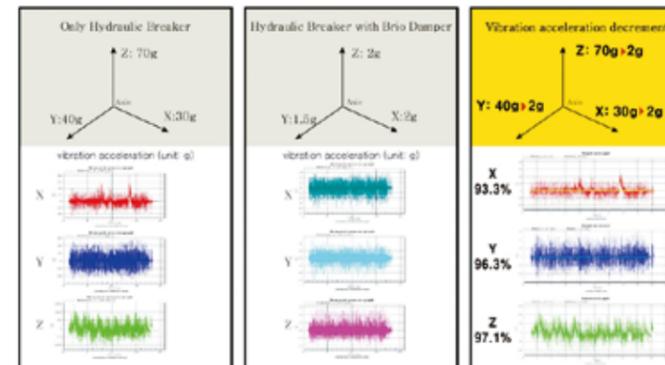
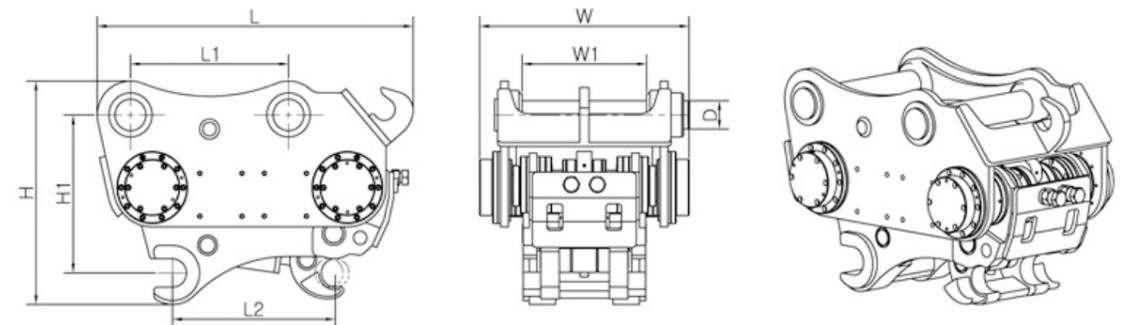
- Highly effective for protecting excavator
- Extend lifetime of excavator booms, arms and cylinders
- Applicable for all kinds of attachment including hydraulic breaker
- Advanced technology to existing quick-couplers specifically designed to buffer the vibrations and shocks
- Product performance officially certified by the government institutes, Korea Institute of Machinery and Material (KIMM) and Korea Construction Equipment Technology Institute (KOCETI)



Technical Specification

Model		Units	BD15	BD25	BD35	BD45
Applicable Excavator		ton	12~17	18~27	28~35	36~42
Dimension	Height (H)	in	22.4	24.8	27.9	37.2
		mm	570	630	708	945
	Length (L)	in	33.7	35.8	40.2	53.5
		mm	856	910	1020	1360
	Width (W)	in	23.0	23.6	26.6	35.4
		mm	583	600	676	900
	Pin Height (H1)	in	16.5	17.7	19.7	26.8
		mm	420	450	500	680
	Pins Distance(L1)	in	15~17.5	17.9~19.3	19.9~20.7	20.6~22
		mm	380~445	455~490	505~525	525~560
Mounting Distance (L2)	in	15~17.5	17.9~19.3	19.9~20.7	20.6~22	
	mm	380~445	455~490	505~525	525~560	
Mounting Width (W1)	in	9.9~11	12~13.4	14.7~17	15~17.2	
	mm	251~280	305~340	375~432	386~439	
Pin Diameter (D)	in	1.9~2.75	2.7~3.1	3.1~3.9	3.5~4.7	
	mm	50~70	70~80	80~100	90~120	
Weight	lb	617	1212	1433	1653	
	kg	280	550	650	750	

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MAXBRIO Drum Cutter

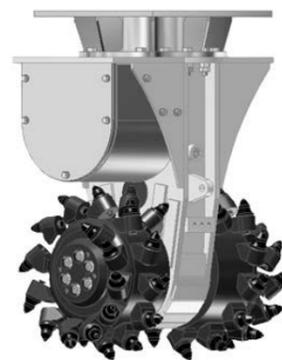
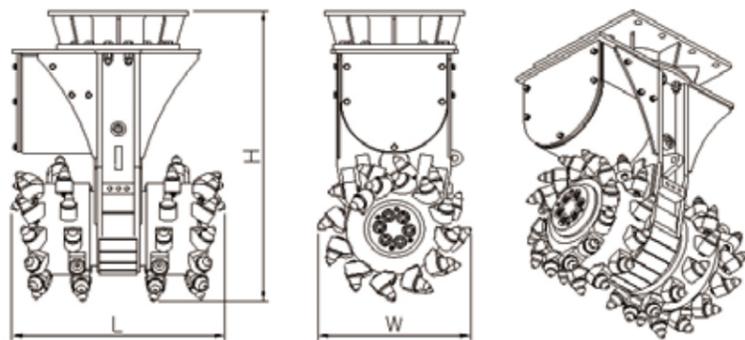
- For excavators range from 20 to 40ton
- Suitable for trenching, profiling, tunneling, foundation work, demolition and soil mixing
- High torque hydraulic motor for higher productivity and motor lifetime
- Reliable, quiet and low vibration method
- Due to small grain sizes, cut rock or concrete can be used as back-fill material without additional crushing
- Optimized pick pattern for higher productivity
- Robust housing with wear-resistant steel for higher product lifetime



MAXBRIO Technical Specification

Model	Units	BC25	BC35	
Applicable Excavator	ton	20~27	28~40	
Rotation speed	rpm	60~110	50~85	
Setting oil pressure	kg/cm ²	350	350	
	psi	4978	4978	
Required Oil Flow	l/min	180~300	180~300	
	gpm	47.5~80	47.5~80	
Dimension	Height (H)	in	56.1	57.1
		mm	1425	1450
	Length (L)	in	35.4	39.4
		mm	900	1000
	Width (W)	in	28.3	28.3
		mm	720	720
	Weight	lb	3307	4620
		kg	1500	2100

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



MAXBRIO Vibro Bucket

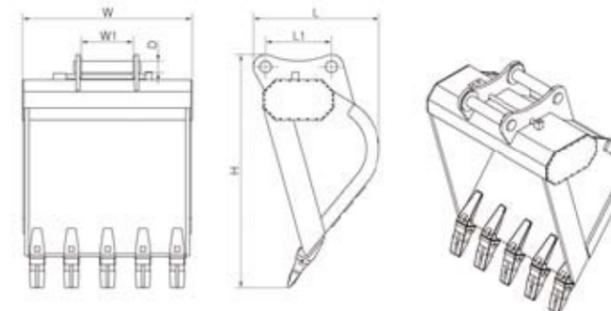
- For excavators range from 18 to 42ton
- Powerful vibration combined with bucket offers the highest productivity
- Ideal for excavation work in permafrost, sticky soil and soft rock
- Unique vibrating bucket developed by DAEDONG differentiates it from existing ordinary buckets
- Made completely of wear-resistant steel offers superior durability



MAXBRIO Technical Specification

Model	Units	BB25	BB35	BB45	
Applicable Excavator	ton	18~27	28~35	36~42	
Frequency	vpm	2500	2500	2500	
	Hz	41.6	41.6	41.6	
Setting Oil Pressure	kg/cm ²	250	250	250	
	psi	3556	3556	3556	
Required Oil Flow	l/min	120~140	180~200	260~280	
	gpm	31.7~37	47.5~52.8	68.7~74	
Dimension	Height (H)	in	64.2	70.9	94.5
		mm	1630	1800	2400
	Length (L)	in	34.6	38.6	51.2
		mm	880	980	1300
	Width (W)	in	46.9	52.0	69.3
		mm	1190	1320	1760
	Pins Distance (L1)	in	17.9~19.3	19.9~20.7	20.6~22
		mm	455~490	505~525	525~560
	Mounting Width (W1)	in	12~13.4	14.7~17	15~17.2
		mm	305~340	375~432	386~439
Pin Diameter (D)	in	2.7~3.1	3.1~3.9	3.5~4.7	
	mm	70~80	80~100	90~120	
Weight	lb	2690	2998	3373	
	kg	1220	1360	1530	

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



MAXBRIO Hammer

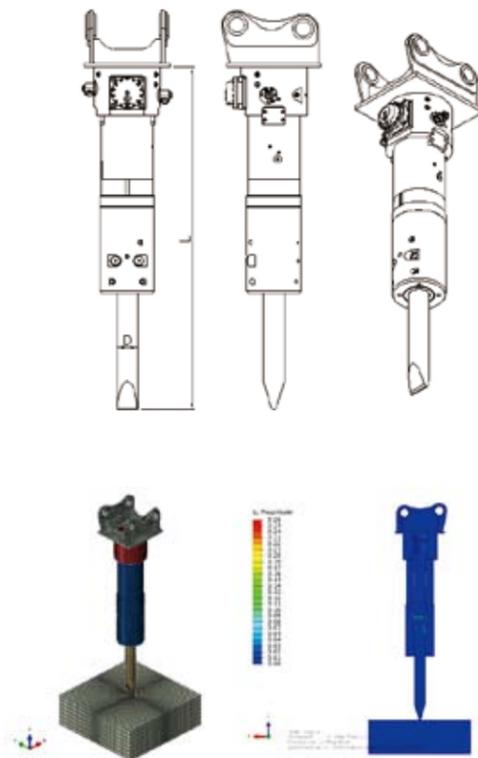
- For excavators range from 20 to 42ton
- Elimination of the through bolts
Free the frequent damage caused by through bolts
Prevent main parts damage due to the through bolts and nuts loosen up
Ease of maintenance; no need for measuring torque when tightening the through bolts
- Longer lifetime on each part, drastically reducing the maintenance cost
- Breaker body with less weight, yet higher output and increased power ratio
- Special bushing prevents tool pin and front head damage when blank fired
- Unique design by DAEDONG differentiates it from the existing ordinary breakers



MAXBRIO Technical Specification

Model	Units	BH25	BH35	BH45	
Applicable Excavator	ton	20~27	28~35	36~42	
Impact Rate	bpm	300~420	280~400	200~350	
Setting Oil Pressure	kg/cm ²	210	210	210	
	psi	2987	2987	2987	
Required Oil Flow	l/min	120~180	180~250	200~260	
	gpm	31.7~47.6	47.6~66	52.8~68.7	
Dimension	Length (L)	in	90.6	106.3	114.2
		mm	2300	2700	2900
	Tool diameter (D)	in	5.3	6.1	6.5
		mm	135	155	165
Weight	lb	3960	5060	6380	
	kg	1800	2300	2900	

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



PILE DRIVER (Basic Type)

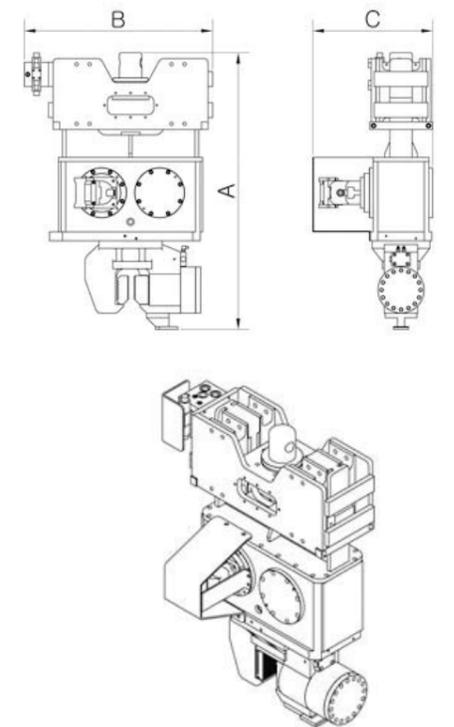
- For excavators range from 20 to 40ton
- Basic type pile driver applicable for both excavators and cranes
- Proven economic feasibility, best mobility and safety
- Excellent driving and extracting by high frequency vibration & powerful centrifugal force
- Driving & extracting sheet pile, tube, H-beam
- Patented cushion elastomers absorb vibrations effectively
- Extended lifetime using a special bearing designed for high frequency vibration
- Passive 290° degree rotation function
- The most affordable price range



Technical Specification

Model	Units	DPD300B	DPD650B	
Applicable Excavator	Ton	18~25	26~36	
Frequency	rpm	2500	2500	
	Hz	41.6	41.6	
Centrifugal Force	lb	58220	121840	
	KN	259	542	
Eccentric Moment	in.lbs	286	564	
	kgm	3.3	6.5	
Setting Oil Pressure	kg/cm ²	250	250	
	psi	3600	3600	
Required Oil Flow	l/min	180	200	
	gpm	48	53	
Dimension	Height (A)	in	58	59
		mm	1480	1494
	Length (B)	in	40	40
		mm	1020	1020
Width (C)	in	24.5	24.5	
	mm	622	622	
Rotation		degree	270	270
Weight	Main Body	lb	2756	2892
		kg	1250	1312

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



PILE DRIVER (General Type)

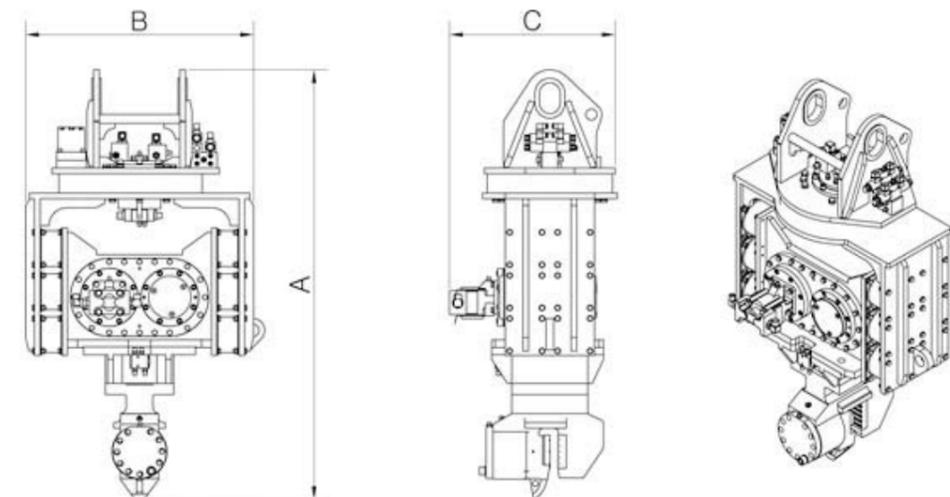
- For excavators range from 18 to 45ton
- Proven economic feasibility, best mobility and safety
- Excellent driving and extracting by high frequency vibration & powerful centrifugal force
- Driving & extracting sheet pile, tube, H-beam
- Excellent performance and mechanism without power pack
- Proven workability: with the advantage of the excavator's mobility, high performance operation under overpasses, power lines, bridges and narrow passageways
- Extended lifetime by using a special bearing designed for high frequency vibration
- Patented cushion elastomers absorb vibrations effectively
- Easy installation using hydraulic one way piping line of the excavator and specially designed electric control cable
- Easy mounting and dismounting from the excavators
- The upper body allows 360° degree auto rotation by joystick
- Pile can be hooked up to the main body of pile driver for additional safety
- Tube clamp can be fitted for pipe and tube diameter 100~200mm (Optional)



Technical Specification

Model		Units	DPD350	DPD450	DPD600	DPD700
Applicable Excavator		Ton	18~27	28~36	32~40	36~45
Frequency		rpm	3000	2700	2750	2700
		Hz	50	45	45	45
Centrifugal Force		lb	67000	88000	112000	155000
		kN	300	390	500	690
Eccentric Moment		in.lbs	304	391	530	608
		kgm	3.5	4.5	6.1	7
Setting Oil Pressure		kg/cm ²	250	250	270	270
		psi	3600	3600	3900	3900
Required Oil Flow		l/min	180	220	220	330
		gpm	48	58	58	87
Dimension	Height (A)	in	76.5	80.7	82.6	86.8
		mm	1944	2050	2100	2205
	Length (B)	in	40	42.5	53.7	57.2
		mm	1020	1080	1363	1455
	Width (C)	in	23.6	25.6	29.8	30.3
		mm	600	650	757	770
	Clamping Jaw (D)	in	1.6	1.6	1.6	1.6
		mm	40	40	40	40
Rotation / Tilt Angle		degree	360 / 0	360 / 0	360 / 0	360 / 0
Weight	Main Body	lb	3080	3960	4189	4356
		kg	1400	1800	1900	1980
	Extension Boom	lb	1298	1386	1386	1452
		kg	590	630	630	660

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



PILE DRIVER (Tilting Type)

[World Patent Product]

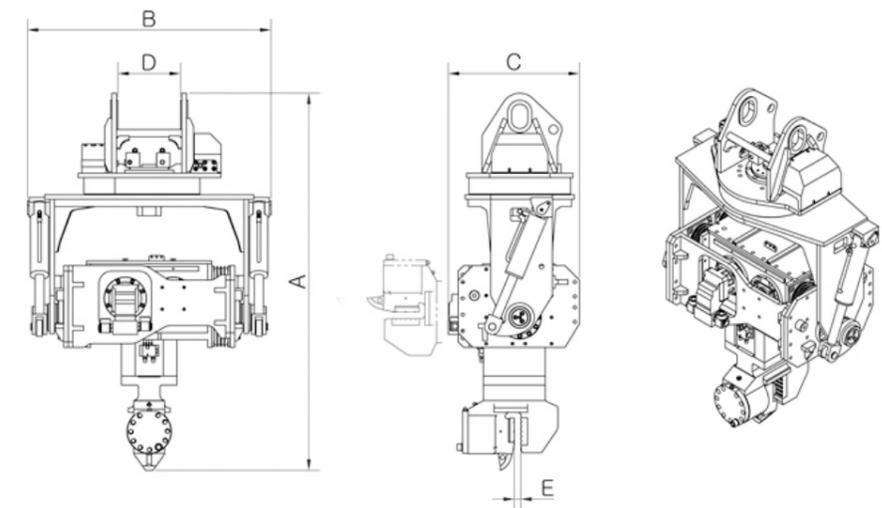
- For excavators range from 20 to 50ton
- 30% better efficiency than the general type
- Excellent driving and extracting by high frequency vibration & powerful centrifugal force
- Innovative 90° tilting & 360° rotation function by a simple joystick control
- Easy & accurate control of piling process by a single operator with joystick
- 90° degree tilting function makes a whole lot easier and time-efficient, non-stop piling operation since the pile can be picked up from a horizontal to vertical position and driven to the ground directly
- Powerful hydraulic clamp cylinder to ensure safety during operation
- Reduced costs of transportation and operation
- Extended lifetime by using special bearings designed for high frequency vibration
- Patented cushion elastomers absorb vibration and protect the excavator from damage
- Easy installation using hydraulic one way piping line of the excavator
- Double clamp and tube clamp can be fitted for wide pipe and tube (Optional)



Technical Specification

Model		Units	DPD350T	DPD600T	DPD700T	DPD850T
Applicable Excavator		Ton	20~28	29~40	36~45	42~50
Frequency		rpm	3000	2750	2700	2700
		Hz	50	45	45	45
Centrifugal Force		lb	67000	112000	128000	155000
		kN	300	500	570	690
Eccentric Moment		in.lbs	304	530	608	738
		kgm	3.5	6.1	7	8.5
Setting Oil Pressure		kg/cm ²	250	270	270	270
		psi	3600	3900	3900	3900
Required Oil Flow		l/min	180	220	330	330
		gpm	48	58	87	87
Dimension	Height (A)	in	82.6	82.6	93.6	93.7
		mm	2100	2100	2380	2380
	Length (B)	in	52	53.7	57.5	58.4
		mm	1320	1363	1460	1484
	Width (C)	in	30	29.8	30.7	30.7
		mm	762	757	780	780
Upper Pin (D)	in	13.5	13.5	13.5	13.5	
	mm	345	345	345	345	
Clamping Jaw (E)	in	1.6	1.6	1.6	1.6	
	mm	40	40	40	40	
Rotation / Tilt Angle		degree	360 / 90	360 / 90	360 / 90	360 / 90
Weight	Main Body	lb	3740	4189	4850	5512
		kg	1700	1900	2200	2500
	Extension Boom	lb	1298	1386	1452	1452
		kg	590	630	660	660

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



PILE DRIVER (Tilting & Auger Type)

[World Patent Product]

- For excavators range from 28 to 40ton
- Multi-functional piling & auger drilling
- Patented AVH (Auger Vibro Hammer) construction technology
- Best workability & efficiency in hard soil condition

· PILE DRIVING & EXTRACTING

- 1) Maximum 10m driving, extracting and arranging pile, H-beam and tube
- 2) Proven safety by safe control system
- 3) Auger screw, sheet pile, H-beam & tube can be easily controlled by a single operator with 90° tilting function

· AUGER DRILLING

- 1) For the auger operation, screw can be easily attached & detached
- 2) The best result can be achieved for drilling operations on hard soil and permafrost by using powerful vibration

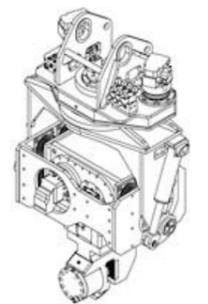
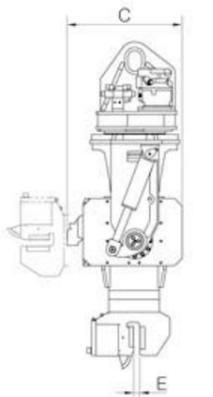
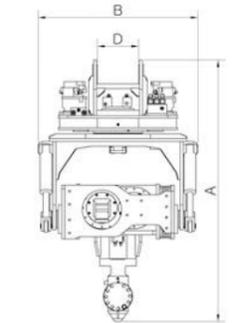
- Integrated piling and auger drilling maximizes productivity in harsh ground conditions
- Increased durability with special bearings and powerful motor
- Specially designed & patented cushion elastomers ensure excellent performance
- Powerful DPD350TA makes equivalent productivity with DH hammer



Technical Specification

Model		Units	DPD350TA	DPD600TA
Applicable Excavator		Ton	28~36	38~45
Pile driver Function	Frequency	rpm	3000	3000
		Hz	50	50
	Centrifugal Force	lb	67000	112000
		kN	300	500
	Eccentric Moment	in.lbs	304	530
		kgm	3.5	6.1
Setting Oil Pressure	kg/cm ²	270	270	
	psi	3900	3900	
Required Oil Flow	l/min	180	220	
	gpm	48	58	
Auger Function	Output Torque	kg-m	2000	2500
		ft-lbs	14466	18082
	Rotating Speed	rpm	10~20	20~30
	Required Oil Flow	l/min	54~110	54~110
		gpm	14~29	14~29
	Screw & Bit (Option)	∅	Max.450 (Dia.)	Max.450 (Dia.)
		mm	Max.6000 (L)	Max.8000 (L)
	Power Pack (Option)	kw	52	52
		hp	70	70
		l/min	110	110
kg/cm ²		240	240	
psi		3480	3480	
Dimension	Height (A)	in	85.8	85.8
		mm	2180	2180
	Length (B)	in	52	53.7
		mm	1320	1363
	Width (C)	in	30	30
		mm	762	762
Upper Pin (D)	in	13.5	13.5	
Clamping Jaw (E)	mm	345	345	
	in	1.4	1.4	
mm	35	35		
Rotation / Tilt Angle		degree	360 / 90	360 / 90
Weight	Main Body	lb	4806	5247
		kg	2180	2380
	Extension Boom	lb	1386	1386
		kg	630	630

- ▶ 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 the quality enhancement.



Telescopic Vibro Hammer

[World Patent Product]

- For excavators range from 36 to 52ton (Modification required)
- Automatic telescopic boom & extensive size of tilting pile driver
- Maximum 21m driving, extracting and arranging pile, H-beam & tube
- Double-check system for holding clamp pressure improves safety

· TELESCOPIC BOOM

- Easy mounting and dismounting from excavator by link adaptor
- Patented technology by DAEDONG Engineering
- Safety proven by triple safety device
- Highly automatic driving system with six sensors (optional)
- Superior working precision with auto control system compare to other equipment using a leader

· PILE DRIVER (VIBRO HAMMER)

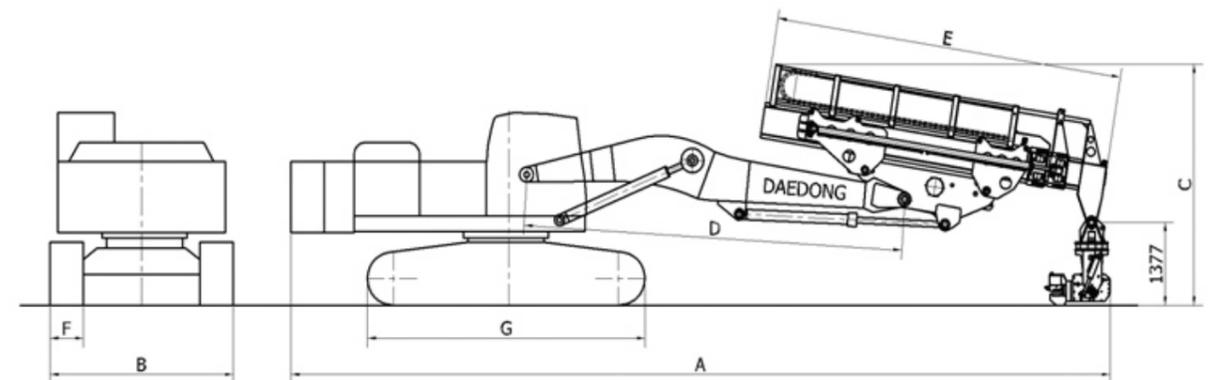
- 1) The most powerful 530KN vibration power among the equivalent products
- 2) Driving, extracting & arranging pile can be done by a single operator
- 3) Accumulator prevents dropping accidents ensuring safety
- 4) Applicable for steel sheet pile, H-beams, pipe, wooden pile and plastic sheet pile
- 5) Much more efficient and cost-effective compare to crane type pile driver
- 6) Increased lifetime of excavator with special bearings and oil rotation system
- 7) Patented cushion elastomers protect the excavator from high frequency vibration



Technical Specification

MODEL		UNITS	DTVH700	DTVH850
Applicable Excavator		Ton	36-45	42-52
Maximum Piling Length		inch / mm	708.6 / 18000	826.7 / 21000
Pile driver	Model	-	DPD700T	DPD850T
	Frequency	rpm / Hz	2700 / 45	2700 / 45
	Centrifugal Force	lb / kN	128000 / 570	155000 / 690
	Eccentric Moment	in.lbs / kgm	608 / 7	738 / 8.5
	Amplitude	in / mm	0.55 / 14	0.63 / 16
	Setting Oil Pressure	kg/cm ² / psi	270 / 3900	270 / 3900
	Required Oil Flow	l/min / gpm	330 / 87	330 / 87
	Rotation / Tilt Angle	degree	360 / 90	360 / 90
Excavator	Engine	Model	-	DL08
		Rated Flywheel Power	ps / rpm	184 / 1750
		Max Torque	kg.m / rpm	117 / 1300
	Hydraulic	Fuel Tank	Liter	550
		Maximum System Pressure	kg/cm ²	330
		Main Pump	l/min	2×265
		Overall Weight	Ton	43.6
		Overall Length (A)	inch / mm	576.8 / 14650
		Overall Width (B)	inch / mm	129.1 / 3280
		Overall Height (C)	inch / mm	133.5 / 3390
		Boom Length (D)	inch / mm	266.5 / 6770
		Telescopic Length (E)	inch / mm	244.1 / 6200
		Telescopic Stroke Length (Two grade)	inch / mm	141.7 / 3600 (283.4 / 7200)
Shoe Width (F)	inch / mm	23.6 / 600		
Tumbler distance (G)	inch / mm	195.3 / 4960		

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



Auger Drill

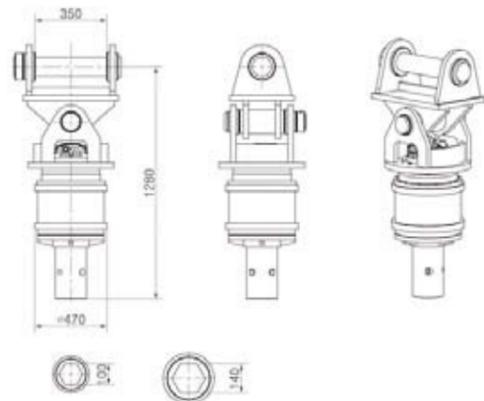
- Easy mounting and dismounting for excavator range from 5 to 45ton
- Suitable for drilling holes in hard, sticky soil and soft rock with hardness up to 60 MPa.
- Pre-Boring and soil sampling are applicable before piling
- High torque hydraulic motor & Heavy duty bearings
- Much deeper drilling is possible with extension boom



Technical Specification

Model		Units	DAD1100	DAD2400	DAD4000	DAD6000
Applicable Excavator		ton	5~8	12~18	20~28	30~45
Maximum Diameter Rod	Basic Soil type	mm	400mm	500mm	900mm	1200mm
	Soil with Shale and Clay	mm	200mm	300mm	500mm	900mm
Maximum Depth		m	5	6	7	8
Output Torque		kg-m	1,100	2,400	4,000	6,000
		ft-lbs	7,956	17,360	28,933	43,400
Rotating Speed		rpm	35~55	35~50	40~60	50~100
Setting Oil Pressure		bar	100~240	160~250	160~280	160~280
		psi	1450~3480	2320~3625	2320~4060	2320~4060
Required Oil Flow		l/min	100~170	120~180	180~260	200~280
		gpm	26~44.2	31.2~48	48~69	53~74
Dimension	Main Body	lb	1144	1606	1782	1892
		kg	520	730	810	860
	Extension Boom (Option)	lb	-	1298	1298	1386
		kg	-	590	590	630

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



Concrete Vibrator

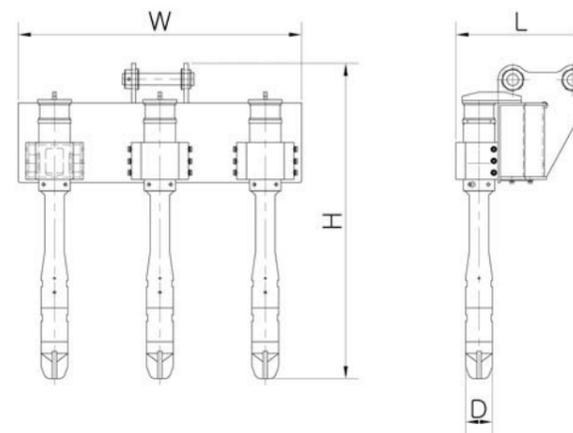
- Easy to attach and detach on any excavators range from 5 to 18ton
- Required for applications such as dam construction to increase intensity of concrete
- High frequency vibration by powerful hydraulic motor
- Applicable for extended operation
- Made of highly durable, heat treated wear resistant material
- Powerful vibration with powerful hydraulic motors



Technical Specification

Model		Units	DDV50	DDV130
Applicable Excavator		Ton	5~15	12~18
Frequency		vpm	7,000 ~ 12,000	6,000 ~ 7,500
		Hz	110 ~ 200	110 ~ 125
Working Pressure		bar (psi)	220(3190)	270(3915)
Oil Quantity		l/min	70 ~ 120	120 ~ 140
Amplitude		mm (in)	2.5 (0.09)	2.76 (0.1)
Quantity of Vibrator Bars		ea	3	4
Compacting efficiency		m ³ /h	110~160	150~200
Dimension	Vibration Part(D)	-	Ø135	Ø150
	Width(W)	mm (in)	1440 (56.6)	1790 (70.4)
	Length (L)	mm (in)	410 (16.1)	745 (29.3)
	Height(H)	mm (in)	1375 (54.1)	1610 (60.4)
Main Body Weight		kg (lb)	500 (1100)	750 (1650)

- ▶ The above specifications are subject to change without prior notice for the quality enhancement.



Breaker

- For excavators with weight from 1 to 45ton
- Applicable for any kinds of construction in the world
- High impact power & Low maintenance cost
- Certified with Europe CE standard
- Easily replaceable parts
- Usage of High raw materials



DDB350
Backhoe Loader Type



DDB350
Skid Steer Loader Type



DDB300
Open Type



DDB300
Box Type



DDB2000
Open Type



DDB2000
Box Type



DDB3600
Open Type



DDB3600
Box Type

Technical Specification

Model	Units	DDB150	DDB200	DDB300	DDB350	
Applicable Excavator	Ton	0.8~3	1~4	2~7	3~9	
Operating Weight	Open Type	kg	130	160	330	420
	Box Type	kg	210	270	360	460
Overall Height	Open Type	mm	1113	1306	1393	1678
	Box Type	mm	1350	1420	1586	1729
Working Pressure	kg/cm ²	80~110	90~120	95~130	100~130	
Setting Oil Pressure	kg/cm ²	150	150	170	170	
Required Oil Flow	l/min	20~30	25~50	30~50	40~80	
Tool Diameter	In / mm	1.77 / 45	2.08 / 53	2.67 / 68	2.95 / 75	
Back Head Pressure	l/min	16	16	16	16	
Accumulator Pressure	Ton	-	-	-	-	
Impact Energy	J	416	492	849	1210	
Impact Rate	bpm	600~1200	550~1000	450~900	450~900	

DDB400	DDB1000	DDB1500	DDB2000	DDB3600	DDB4000
6~11	9~12	13~18	23~33	28~35	32~45
580	880	1370	1790	2240	2860
600	950	1580	1880	2480	3140
1979	2298	2440	2640	2904	3258
1946	2338	2480	2773	3046	3281
130~150	150~170	150~170	160~180	170~190	170~190
195	210	210	210	230	230
45~90	80~100	90~120	130~150	190~250	190~250
3.34 / 85	3.93 / 100	4.72 / 120	5.31 / 135	5.9 / 150	6.29 / 160
16	16	6	6	6	8
-	-	60	60	60	60
1764	2443	4234	5290	7200	9970
400~800	450~700	400~900	400~800	350~750	300~600

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

Compactor

- For excavators range from 4 to 33ton
- High quality powerful motor
- Highly effective in narrow ditch compacting
- Applicable for road, Building foundation and slope compaction



Technical Specification

Model		Units	DDC70	DDC140	DDC220	DDC300
Applicable Excavator		Ton	4~9	12~18	18~25	23~33
Frequency		rpm	2400	2400	2400	2400
Setting Oil Pressure		kg/cm ²	100~130	100~130	150~200	150~200
		psi	1440~1872	1440~1872	2160~2880	2160~2880
Required Oil Flow		l/min	50~80	80~120	130~170	130~170
		gpm	48~64	59~64	59~64	88~96
Working Force		Ton	3~4	6~7	9~11	12~15
Dimension	Height (A)	in	29.9	36.6	41.3	43.3
		mm	760	930	1050	1100
	Width (B)	in	21.6	27.5	35.4	35.4
		mm	550	700	900	900
	Base Plate (C)	in	35.4×19.7	29.5×45.3	51.2×35.4	53.1×35.4
		mm	900×550	750×1150	1300×900	1350×900
	Weight	lb	661	1212	1874	2094
		kg	300	550	850	950

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

Quick Coupler

- For excavators range from 7 to 45ton
- Enables quick and easy change of various attachments
- High strength material, excellent durability
- Double locking system for safety



Technical Specification

Model		Units	DDQ70	DDQ140	DDQ220	DDQ300	DDQ420
Applicable Excavator		Ton	7~12	13~17	18~23	24~32	33~45
Required Oil Flow		l/min	40~80	40~80	50~120	60~120	70~140
		gpm	11~21	11~21	13~32	16~32	19~38
Dimension	Height	in	11.4~11.8	13.8~15.4	17~19	21.6	21.6~24
		mm	290~300	350~390	430~480	550	550~610
	Width	in	9.8~11.8	15~17.3	17~20	22.8~23.6	23.6~26
		mm	250~300	380~440	430~520	580~600	600~660
	Length	in	22~23.6	30~34.2	31~35.8	39.7~41.3	38.5~448
		mm	560~600	760~870	790~910	1010~1050	980~1140
	Pin diameter	in	1.7~1.9	1.9~2.7	2.7~3.1	3.1~4.7	3.5~4.7
		mm	45~50	50~70	70~80	80~120	90~120
Weight	lb	132	352	771	1168	1433	
	kg	60	160	350	530	650	

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

Shear

- For excavators range from 18 to 38ton
- Applicable for jobs including demolition, bridge dismantling, concrete recycling, cutting heavy duty steels and many others



Technical Specification

Model		Units	DDS220	DDS300	DDS360
Applicable Excavator		Ton	18~25	26~32	33~38
Setting Oil Pressure		kg/cm ²	300	320	320
		psi	4320	4608	4608
Required Oil Flow		l/min	200~250	250~300	250~300
		gpm	53~66	66~80	66~80
Cutting Force		Ton	260	355	355
Dimension	Length	mm	1995	2174	2760
	Jaw Opening	mm	510	580	710
	Weight	kg	2000	2450	3400

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

Pulverizer

- For excavators range from 14 to 45ton
- Ideal for processing concrete with rebar
- High performance and easy pulverization in narrow space
- Excellent durability



Technical Specification

Model		Units	DDP180	DDP220	DDP300	DDP420
Applicable Excavator		Ton	14~18	20~26	28~34	35~45
Setting Oil Pressure		kg/cm ²	280	300	320	320
		psi	4032	4320	4608	4608
Required Oil Flow		l/min	150~250	150~250	150~250	250~300
		gpm	40~66	40~66	40~66	40~66
Crushing Force		Ton	70	140	190	270
Dimension	Length	mm	1580	1806	1990	2336
	Jaw Opening	mm	800	980	1100	1300
	Weight	kg	1250	1800	2350	3450

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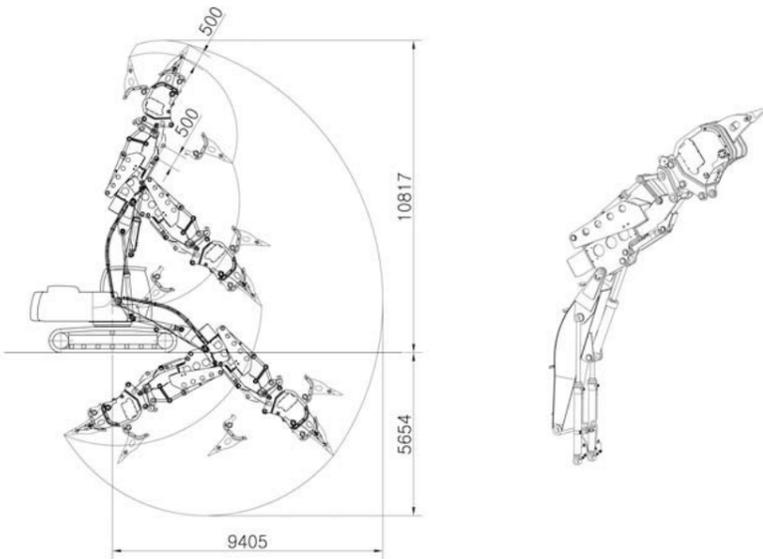
MAXBRIO Sliding Boom

- Customized tunnel excavation equipment
- Built exclusively for customer demands in tunnel excavation
- Highly effective for tunnel surfacing

MAXBRIO Technical Specification

Model	Units	BS200	
Applicable Excavator	Ton	20	
Additional Counter Weight	kg	4500	
Dimension	Maximum Height	mm	10817
	Maximum Depth	mm	5654
	Boom Length	mm	3500
	Insert Arm Length	mm	2354
	Feed Arm Length	mm	500

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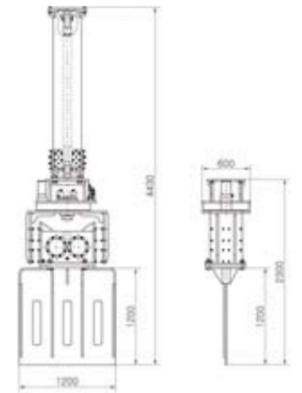
Vibro Plate

- For excavators range from 12 to 16ton
- Up to twice as much productivity, safety & efficiency
- Applicable for RCD dam construction project
- All in one block for oil flow control valve 360° degree free rotation
- Excellent wear resistance by Hardox plate

Technical Specification

Model	Units	DVP1300	
Applicable Excavator	Ton	12~16	
Frequency	vpm	2800~3000	
	Hz	46~50	
Centrifugal Force	lb	53,928	
	kN	240	
Working Pressure	kg/cm ²	220	
Oil Quantity	l/min	110~120	
Amplitude	in / mm	0.17 / 4.5	
Turning Angle	degree	360	
Lifting from up to down	in / mm	47.2 / 1200	
Dimension	Overall Width	in / mm	47.2 / 1200
	Overall Length	in / mm	23.6 / 600
	Overall Height	in / mm	174.4 / 4430
Weight	Main Body	lb / kg	577 / 1270
	Cutting Body	lb / kg	150 / 330

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



MAXBRIO Rock Drill

[Under Development]

- For excavators range from 36 to 45ton
- Noiseless and eco-friendly hydraulic rock drill
- High frequency vibration up to 6,000~10,000 vpm
- Reliable performance & accurate drilling
- Solution to pollution & complaint caused by blasting work

MAXBRIO Technical Specification

Model	Units	DRD9000	
Applicable Excavator	Ton	36~45	
Frequency	vpm	8,000~10,000	
	Hz	130~163	
Centrifugal Force	lbs	78,683	
	kN	350	
Working Pressure	kg/cm ²	270	
Oil Quantity	l/min	260~300	
Amplitude	inch / mm	0.26 / 6.6	
Turning Angle	degree	360	
Lifting from up to down	inch / mm	39.4 / 1000	
Dimension	Overall Width	inch / mm	37 / 940
	Overall Length	inch / mm	78.3 / 1,990
	Overall Height	inch / mm	160.2 / 4070
Weight	Main Body	lbs / kg	1136 / 2500

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