



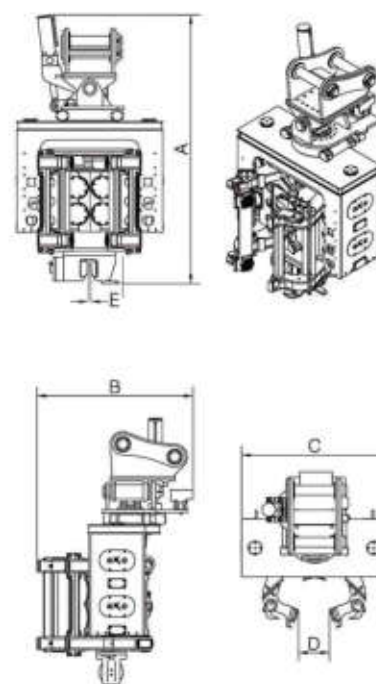
TILTING VIBRO HAMMER

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



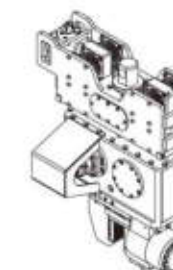
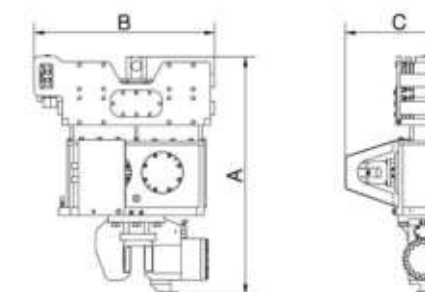
► The above specifications are subject to change without prior notice for quality enhancement.

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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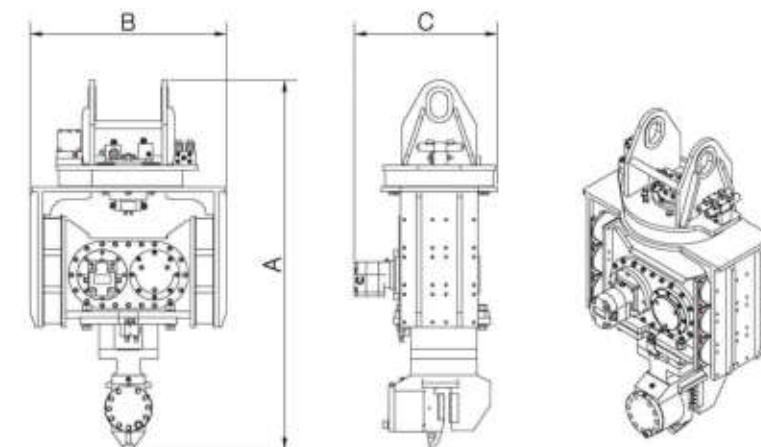
GENERAL DPD PILE DRIVER



- 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

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TILTING DPD PILE DRIVER



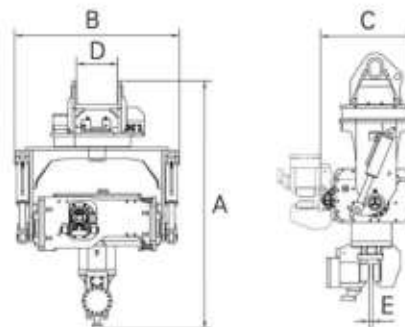
- 90° Tilting and 360° Rotation by using specially designed joystick
- Non-stop piling operation, pile can be picked up horizontally and vertically driving directly to the ground
- Powerful hydraulic clamp to ensure safety during operation
- Extended lifetime by using German bearing designed for high 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

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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

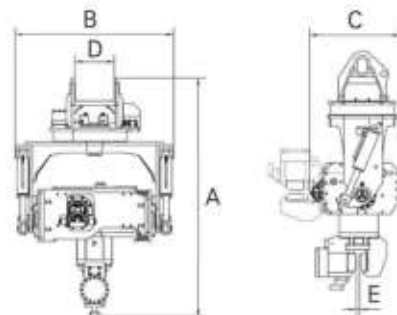
- **Circulating System**
- Extends lifetime of bearing
- Minimize noise level

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.
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