

# PILE DRIVER (Tilting & Auger Type)

## [World Patent Product]

- For excavators range from 14 to 42ton
- Multi-functional piling & auger drilling
- Patented AVH (Auger Vibro Hammer) construction technology
- Best workability & efficiency in hard soil condition
- Vibration maximizes drilling efficiency under harsh condition
- Equivalent productivity with DH hammer

### · 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

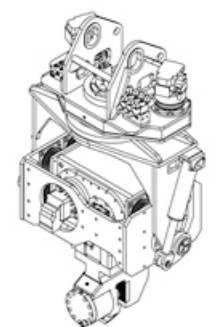
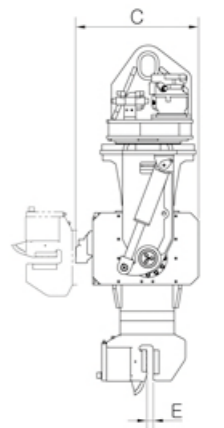
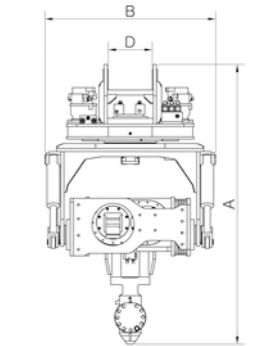
### · AUGER DRILLING

- 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



## Technical Specification

Model		Units	DPD250TA	DPD350TA	DPD600TA
Applicable Excavator		Ton	14	28-35	36-42
Pile driver Function	Frequency	rpm	2500	3000	3000
		Hz	42	50	50
	Centrifugal Force	lb	36000	67000	112000
		kN	160	300	500
	Eccentric Moment	in.lbs	217	304	530
		kgm	2.5	3.5	6.1
Setting Oil Pressure	kg/cm <sup>2</sup>	250	250	250	
	psi	3600	3600	3600	
Required Oil Flow	l/min	100-120	180	200	
	gpm	26-31	48	53	
Auger Function	Output Torque	kg-m	660	2000	2500
		ft-lbs	4774	14466	18082
	Rotating Speed	rpm	10-20	10-20	20-30
	Required Oil Flow	l/min	24-48	54-110	54-110
		gpm	6.3-12.7	14-29	14-29
	Screw & Bit (Option)	∅	Max.250 (Dia.)	Max.450 (Dia.)	Max.450 (Dia.)
		mm	Max.3000 (L)	Max.6000 (L)	Max.8000 (L)
	Power Pack (Option)	kw	19	52	52
		hp	26	70	70
		l/min	48	110	110
kg/cm <sup>2</sup>		240	240	240	
psi		3480	3480	3480	
Dimension	Height (A)	in	80	85.8	85.8
		mm	2030	2180	2180
	Length (B)	in	47	52	53.7
		mm	1185	1320	1363
	Width (C)	in	28	30	30
		mm	714	762	762
Upper Pin (D)	in	10.4	13.5	13.5	
	mm	265	345	345	
Clamping Jaw (E)	in	1.8	1.2	1.6	
	mm	46	32	40	
Rotation / Tilt Angle		degree	360 / 90	360 / 90	360 / 90
Weight	Main Body	lb	3064	4806	5247
		kg	1390	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 quality enhancement.