

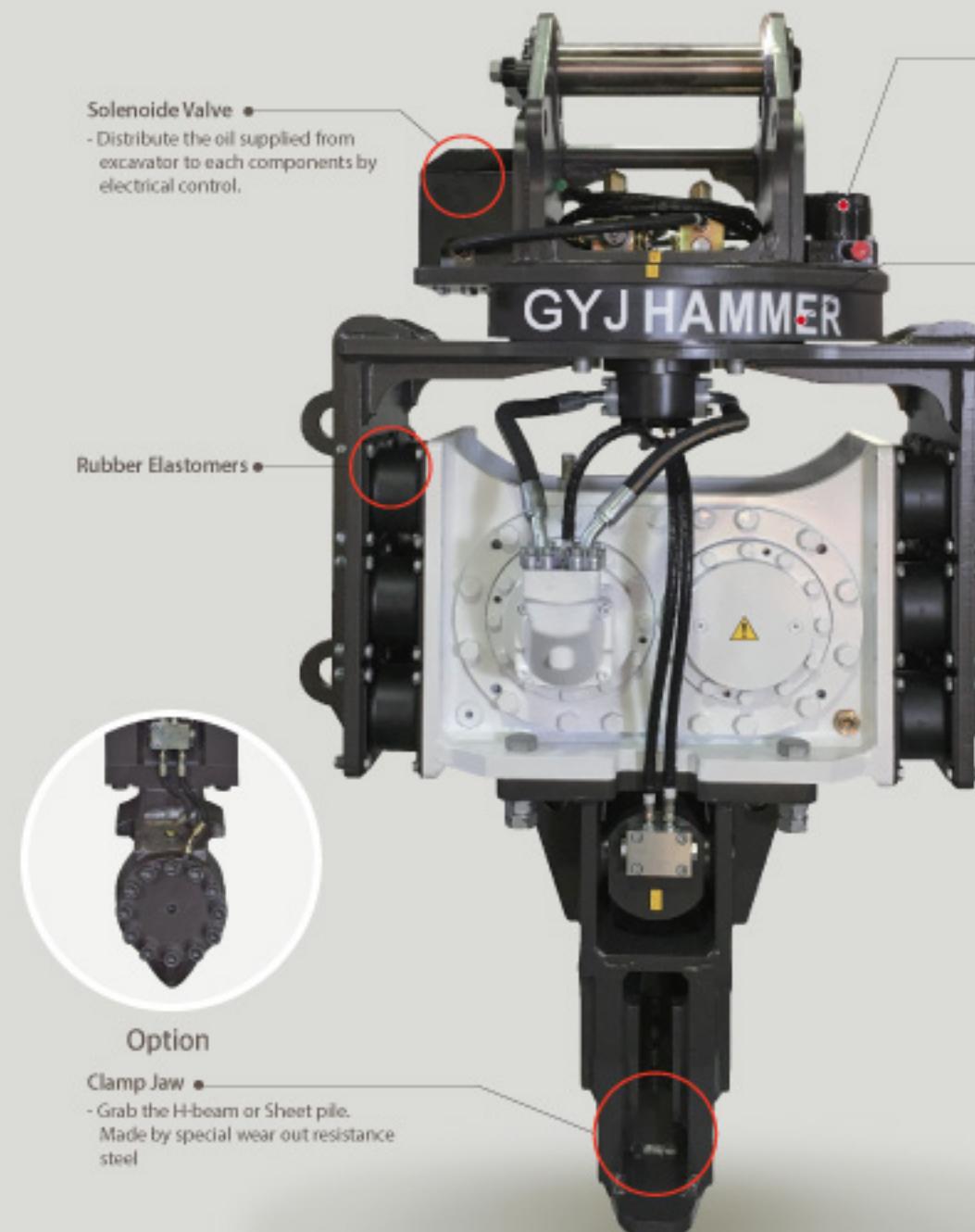
# VIBRO-HAMMER - ORDINARY TYPE



Vibratory Hammer (Pile Driver) is an useful machine of excavator.  
It handles H-beam and Sheet pile at river stream, road wall and building construction job.

## >>> Features.

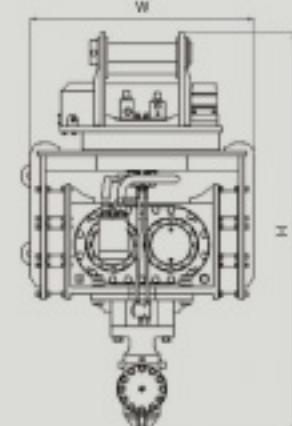
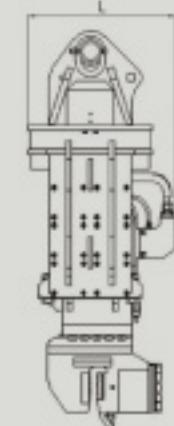
- Low in maintenance cost compared to crane.
- Superior mobility at narrow space.
- No extra power source required other than excavator oil.
- Rotates 360degree.
- Proven high quality rubber absorb vibration.
- Special bearing can endure at high speed rotation.



## • SPECIFICATION & DIMENSION



MODEL	Unit	GVH30	GVH35	GVH45
Eccentric Moment	kg.m	6	10	16
Centrifugal Force	kN	640	1,000	1,500
Max Amplitude	mm	10	18	25
Max Frequency	ipm	0.31	0.47	0.98
Oil Flow	l/m	170~210	180~220	200~250
Hydraulic Pressure	bar	200~250	270~320	280~320
psl		2,900~3,600	3,190~3,625	4,060~3,625
Slewing		degree	360	360
DIMENSION	Height(H)	mm	1,964	2,035
	inch	77	80	83
Length(L)	mm	729	729	805
	inch	29	29	31
Width(W)	mm	1,077	1,135	1,214
	inch	42	44	47
Weight		kg	1,690	1,800
lbs		3,725	3,968	4,299
Application Excavator		ton	20~33	32~39
			38~55	



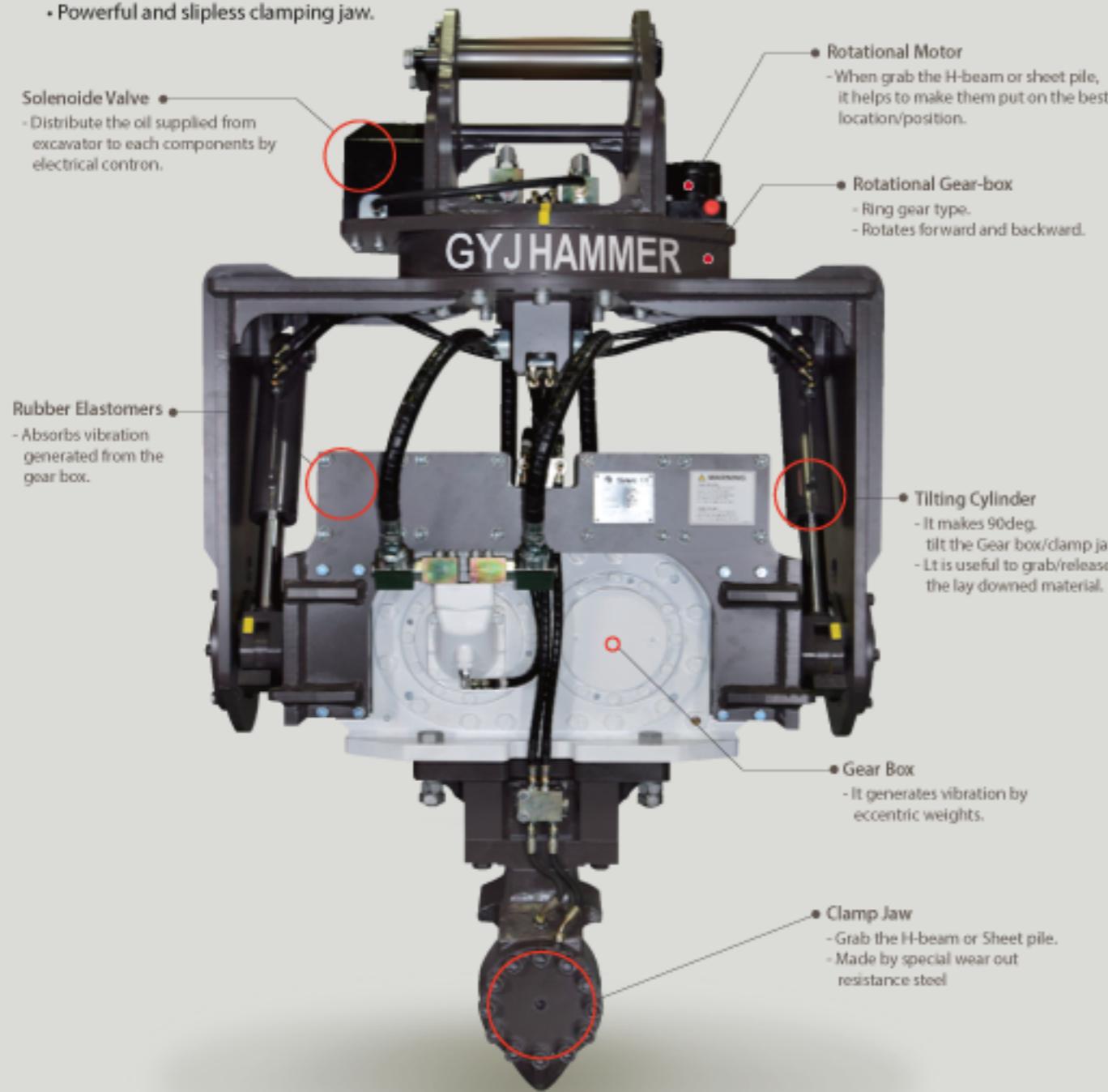
# VIBRO-HAMMER- TILTING TYPE



Vibratory Hammer (Pile Driver) is an useful machine of excavator.  
It handles H-beam and Sheet pile at river stream, road wall and building construction job.

## >>> Features.

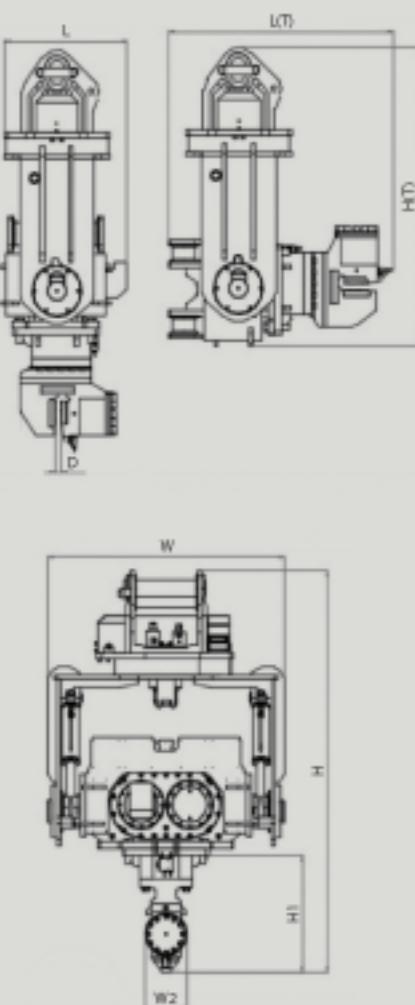
- 90 tilting refracting function to pick (sheet) pile and work immediately.  
  - Improved operation efficiency compared to ordinary type.
- It has auto tilting function for easy grab an object laying down.
- Easy installation using existed pipe line of hydraulic breaker.
- 360 degree auto rotation function makes it easy to change direction when working with piles
- Using tested high quality anti-vibration rubber, durability exceeds in strong vibration
- Excellent performance without power pack.
- Powerful and slipless clamping jaw.



## • SPECIFICATION & DIMENSION



MODEL	Unit	GVTH30	GVTH35	GVTH45
Eccentric moment	Nm in.lbs	6 470	10 920	16 1400
Max. Centrifugal force	Nt kN	640	1,000	1,500
Max. Amplitude	mm inch	10 0.4	18 0.7	25 0.9
Max. Frequency	rpm	2,700	2,700	2,700
Hydraulic Pressure	bar psi	200-250 2,900-3,600	270-320 3,900-4,600	280-320 4,060-4,600
Oil Flow	l/min	170-210	180-230	230-280
Rotation / Tilt Angle	degree	360 / 90	360 / 90	360 / 90
Total Weight	kg	2,200	2,320	2,450
Clamping Force( 200bar)	tton	40	40	40
DIMENSION	Height(H)	2,224 87	2,252 88	2,280 89
	Height(H1)	623 24	623 24	623 24
	Height(HT)	1,653 65	1,659 65	1,670 65
	Length(L)	1,300 51	1,325 52	1,360 53
	Length(L)	710 27	730 28	745 29
	Width(W)	1,363 53	1,421 55	1,480 58
	Width(W2)	245 31	245 31	245 31
	Clamp Jaw(D)	31	31	31
Application Excavator	t/m	20-33	32-39	38-55



# VIBRO-RIPPER

## A REVOLUTIONARY BREAKER

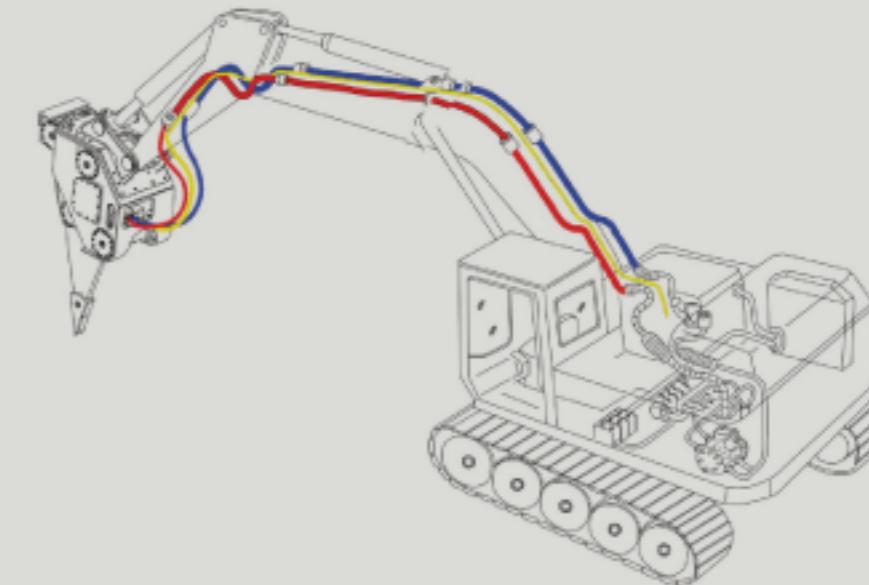
GYJ VIBRO-RIPPER is one of the ECO-friendly rock breakers by reducing noise.

- Minimum noise under 90db.
- High in productivity compared to traditional rock breaker.
- High fuel efficiency.
- Under water operation.
- Easy maintenance.
- Wear out resistant Tooth.
- Optimal design for easy maintenance.



## VIBRO-RIPPER PIPING LINE SYSTEM

Basic line configuration : High / low pressure line and Drain line,  
Drain line is a mandatory to protect its motor.



- **INPUT LINE**: Proper pressure and flow rate should be used as hydraulic supply line to supply hydraulic motor with oil to operate Vibro Ripper.
- **OUTPUT LINE**: The line from which the hydraulic motor oil comes out, must be connected to the oil tank.
- **DRAIN LINE**: Line that protects the motor by discharging pressure and oil that can not escape to the OUTLINE while driving the hydraulic motor

## VIBRO RIPPER LINE-UP.

Limestone, Concrete, Asphalt, Quarry and Mining industry, every construction site can be applied.



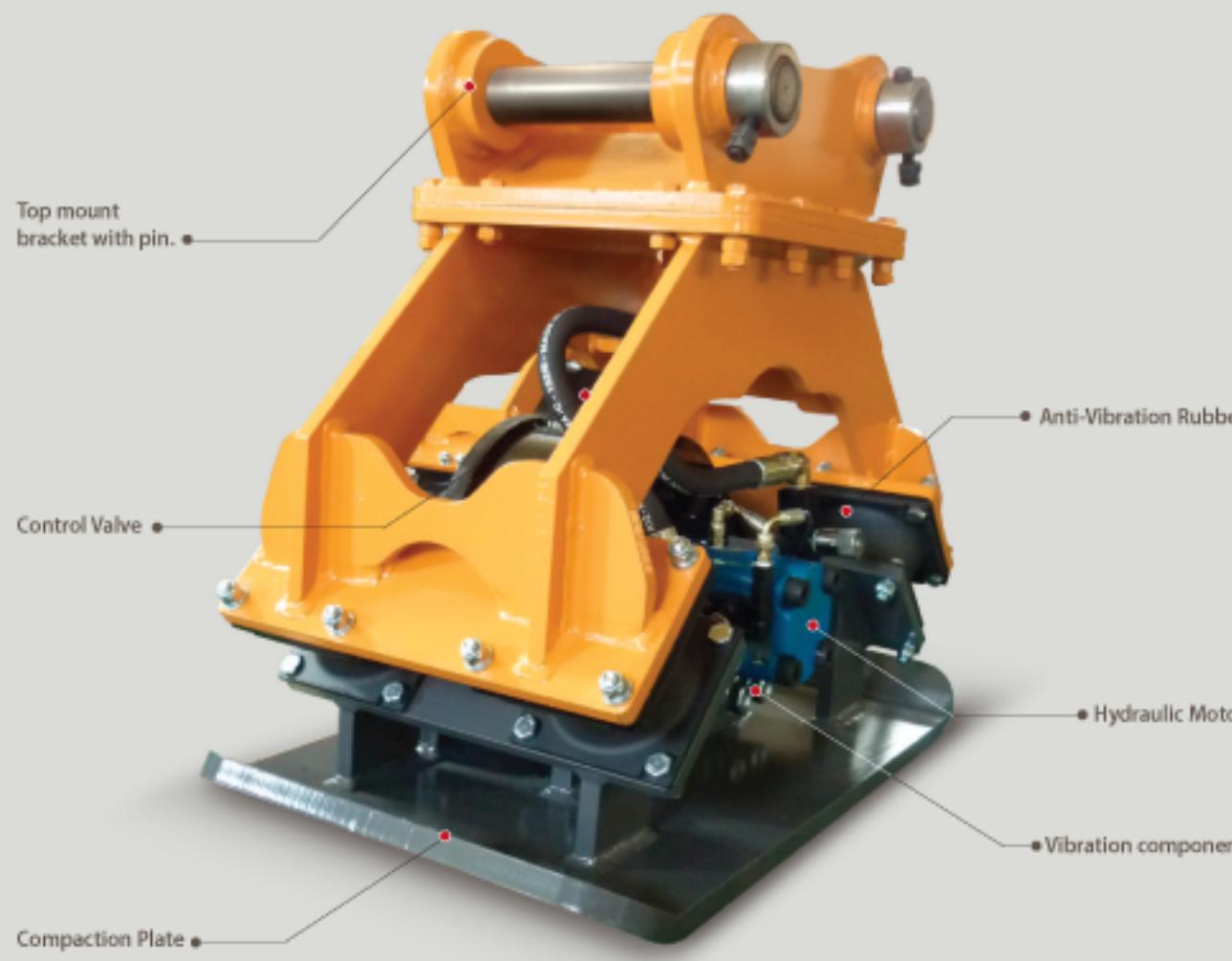
Description	Unit	GVR15H	GVR20H	GVR30H	GVR30I	GVR40H	GVR50H
Weight	kg	1,600	2,500	3,150	3,150	4,600	5,600
Flow	l/min	100~120	170~190	180~200	180~200	200~220	250~260
Pressure	bar	180~200	210~220	240~250	240~250	240~250	240~250
Frequency	rpm	1,500	1,500	1,400	1,400	1,300	1,200
Dimensions	A mm	1,650	2,420	2,720	2,720	3,150	3,300
	B mm	870	1,480	1,510	1,510	1,940	2,010
	C mm	500	780	840	840	1,040	1,040
	D mm	750	990	1,150	1,150	1,350	1,490
	E mm	1,350	2,100	2,400	2,400	2,760	2,900
Air bag pressure	bar	5	6	6	6	6	6
Application Excavator	ton	12~16	18~26	22~30	22~30	28~39	38~55

# COMPACTOR

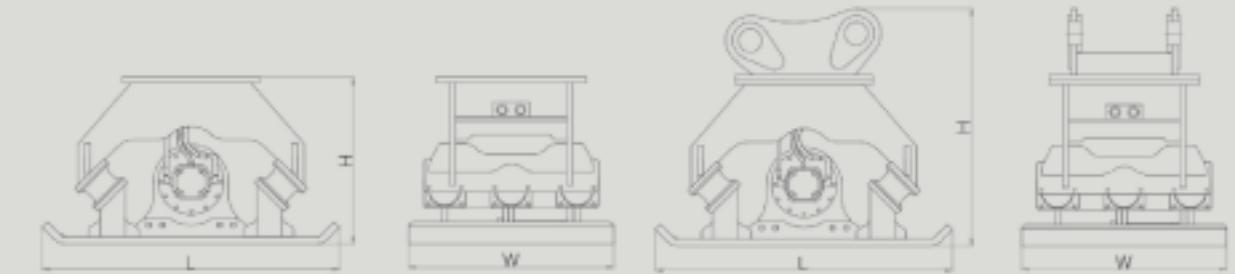


## COMPACTOR VIBRATION MECHANISM

Rubber at the optimal angle improving durability and easier maintenance.



## • SPECIFICATION & DIMENSION



MODEL	Unit	GWC30	GWC60	GWC80	GWC100
COMPACTION FORCE	ton	4	7.5	15	15
MAX. RPM	rpm	1,800	1,800	2,000	2,000
OIL FLOW	l/min	55~70	90~120	170~200	170~200
OIL PRESSURE	bar	150~190	210~240	240~250	240~250
WEIGHT	kg	350	644	1,060	1,150
PLATE DIMENSION (LxW)	mm	900 x 550	1,160 x 700	1,350 x 900	1,350 x 900
HEIGHT (H)	Adapter Type	540	676	730	730
	Direct Type	751	922	1,043	1,092
APPLICATION EXCAVATOR	ton	4~5	13~16	18~25	28~30

## >>> Features.

- By installing protection check valve, no extra drain line required.
- Adapter type top mount can be attached to various equipment(Optional).
- Arranged at optimal angle to increase durability and economic efficiency of anti-vibration rubber.
- Optimized hydraulic motor protection and performance by applying control valve to adjust operating pressure flow.
- A special bearing has applied to the vibrator to enhance durability.
- Equipped with high efficiency hydraulic motor for optimal compaction.

