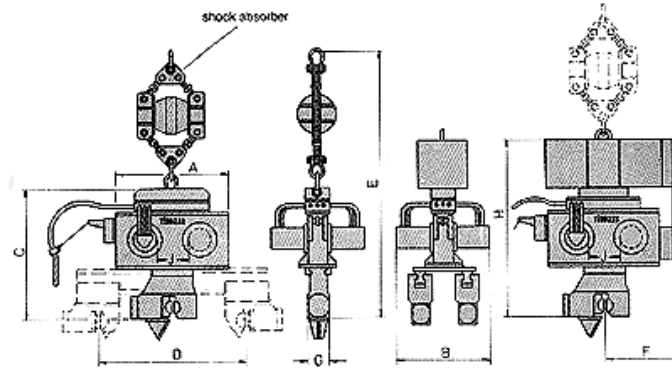




PILECO, INC.

P.O. Box 16099, Houston, TX 77222
 phone: 713-691-3000 toll free: 1-800-474-5326
 fax: 713-691-0089 e-mail: pileco@pileco.com

TÜNKERS
 Vibratory Hammers



Technical/Data	Type	HVB 40.01 (Step 2) HVB 40.05 (1 & 2)		HVB 60.05 DUAL		HVB 70.01 (Step 2) HVB 70.05 (1 & 2)		HVB 80.01 HF	HVB 100.01
		Step 1	Step 2	Step 2	Step 2	Step 2	Step 2		
Eccentric moment	in lbs	2616.1	3878.6	3878.6	2065.1	3878.6	2065.1	1175	2950.1
Centrifugal force	tons	38.5	55.1	55.1	66.12	66.6	77.8	88.2	110.2
Frequency	c.p.m.	0-1000	0-1000	0-1000	0-1500	0-1100	0-1630	0-2300	1400-1600
Max. amplitude	in	1.22	1.18	1.18	0.67	1.33	0.74	0.67	0.7
Output/power (3675 psi*) 5145 psi	h.p.	136.4	190.96	190.96	250.8	199.8	289.6	312	359.3
Acceleration	xg	17.5	16.6	16.6	21.3	23	26	24.5	26
Pile clamping force	tons	77.14	77.14/120	77.14/120	77.14/120	83.75 / 120		99.2	121.22
Extracting force with shock absorber	tons	27.55	27.55/55.1	27.55/55.1	27.55/55.1	27.55 / 55.1		27.55	55.1
Extraction force vibro hammer leaded	tons	7.7	7.7	7.7	7.7	7.7		7.71	
Dynamic weight	lbs	4400	5700	5700	5700	5730		7276.5	8380
Total weight	lbs	5700	7050	7050	7050	7050		8158.5	10580
HP / centr. forces	hp/tons	3.5	3.5	3.5	3.8	3	3.7	3	3.2
Theoretical power (full loaded)	h.p.	253	325.9	325.9	325.9	312		327	502
Max. oil flow	g.p.m.	42.3	60.2	60.2	89.9	66.3	95.6	84.5	129.4
Max. pressure	p.s.i.	5586	5586	5586	5586	5586		5500	5586
Full load speed	r.p.m.	2200		1850		1975		1850	2000
Throat width	in.	11.81		11.81		11.81			15.74
A	in.	63.4		67.3		67.3		71.26	82.6
B	in.	42.9		46.8		46.8			57
C	in.	59		63		63		69.7	65
D	in	Ø 15.7 – Ø 63		Ø 19.6 – Ø 70.8		Ø 19.6 – Ø 70.8			Ø 19.6 – Ø 98.4
E	in.	116		122		122		153.3	157
F	in	29.5		32		32			
G	in.	7.8		8.6		8.6		9.84	13.7
H	in.	53		72		72			
J	in.	27.5		27.5		27.5			34