

Manufacturer	Model	Freq.	Eccentric	Ampli-	Max.	Engine	Max. Pull	Pile	Susp.	Ship	Height	Width	Length	Throat
<b>EXCAVATOR</b>														
APE	15E	800-1,800	500	0.63	65	N/A	15	125	2400	2400	2'10"	8"	2'6"	8"
PTC	3HF3	2800	260	0.5	80	N/A	6	20	2070	2120	4'5"	1'7"	2'4"	11"
ICE	11E	1900	1400	0.89	195	N/A	40	85	5775	5775	5'9"	1'4"	4'8"	12.75"
ICE	216E	1600	1100	1.02	146	N/A	30	50	5108	5108	5'3"	1'3"	4'5"	12"
ABI	HVR-60	2450	520	0.33	132	180	4.5	53	2310	2310	3'8"	1'10"	3'10"	1.5
APE	100E	800-1,802	2200	0.89	300	N/A	50	250	5800	5800	5'4"	1'2"	5'4"	14"
TRAMAC	1223M	2300	1000	0.51	-	275	20	90	4850	5050	5'5"	4'8"	1'6"	1.5"
APE	20E	800-1,800	750	0.88	87	N/A	20	125	3000	3000	3'10"	1'	3'1"	12"
J&M	V23E	1200-2000	230	0.58	23	N/A	13	20	1250	1250	4'10"	1'4"	2'2"	10.5"
ABI	HVR-45	2450	390	0.25	88	145	4.5	53	1760	1760	3'6"	1'10"	3'5"	1
DAWSON	EMV70	3000	60	0.13	94	16	3	33	1150	1300	3'2"	1'2"	2'7"	6"
TRAMAC	230M	3000-3500	191	0.24	60	80	11	39	2375	2575	4'5"	3'8"	1'9"	3.15"
TRAMAC	230SH	3000-3500	191	0.24	60	80	11	39	3015	3215	4'7"	6'	2'2"	3.15"
HPSI	20	2200	200	0.63	60	80	12	25	1000	3500	5'5"	3'	1'10"	10"
ICE	23E	1600	230	0.58	23	N/A	13	20	1040	1040	4'10"	1'4"	2'2"	10.5"
APE	50E	800-1,801	1300	0.88	188	N/A	50	250	4800	4800	4'5"	1'2"	4'4"	12"
MULLER	MS3 - HFB	3000	260	0.4	75	N/A	7	45	1830	1830	3'4"	N/A	3'9"	8.1
MULLER	MS8 - HFBV	2580	0 - 694	0.49	221	N/A	13	81	4023	4023	5'2"	N/A	5'	17.72
MULLER	MS5 - HFBV	2700	0 - 434	0.35	169	N/A	13	67	3483	3483	4'8"	N/A	4'5"	17.32
MULLER	MS17 - HFB	1800	1476	0.92	201	N/A	16	81	5442	5442	4'6"	N/A	5'7"	13.38
MULLER	MS10 - HFB	2340	868	0.56	175	N/A	16	81	5314	5314	4'2"	N/A	5'7"	13.38
MULLER	MS7 - HFB	2800	608	0.58	159	N/A	13	81	2867	2867	3'8"	N/A	3'11"	13.38
ICE	14E	1900	1400	1.13	195	N/A	40	85	5825	5825	5'9"	1'4"	4'8"	12.75"
MULLER	MS4 - HFB	2850	365	0.35	94	N/A	13	67	2712	2712	3'8"	N/A	3'11"	13.38
ABI	HVR-30	3000	260	0.25	58	100	4.5	40	1672	1672	3'6"	1'10"	3'1"	1
MULLER	MS2 - HFB	3185	191	0.3	80	N/A	7	34	1797	1797	3'4"	N/A	3'9"	8.1
MULLER	MS1 - HFB	3400	61	0.24	80	N/A	4	13	770	770	2'8"	N/A	2'4"	9.05"
ABI	HVR-100	2350	860	0.5	210	270	16	79	3850	3850	4'5"	2'4"	4'7"	1.5
MKT	V-2C	1800	550	0.75	44	85	16	16	2700	5525	3'9"	1'0"	3'7"	12"
ABI	HVR-75	2450	650	0.5	175	220	9	66	3410	3410	4'5"	2'4"	4'4"	1.5
J&M	V216E	1200-1600	1100	1.02	146	N/A	45	50	2510	2510	6'6"	1'4"	4'2"	16"
MULLER	MS6 - HFB	2550	564	0.54	134	N/A	13	67	2734	2734	3'8"	N/A	3'11"	13.38
TRAMAC	328M	2800-3000	278	0.35	73	93	11	39	2400	2600	4'5"	3'8"	1'9"	3.15"
MKT	V-2B	1800	440	0.75	44	85	16	16	2700	2900	3'9"	10"	3'7"	12"
PTC	13PH2	1750	1100	0.8	141	N/A	12	55	4180	4180	4'6"	2'2"	4'1"	15"
HMC/MOVAX	SP40	3000	500	0.38	N/A	N/A	39876	60	3936	4086	6'8"	5'6"	3'1"	--
TRAMAC	625M	2750	522	0.51	133	173	14	56	2860	3060	4'7"	3'8"	2'	3.15"
TRAMAC	625SH	2500	522	0.51	133	173	14	56	3250	3450	4'7"	6'	27.5"	3.15"
DAWSON	EMV400	2460	545	0.55	272	107	16	48	2632	2800	4'1"	2'	4'7"	6"
HMC/MOVAX	SP60	3000	900	0.38	N/A	N/A	39876	60	3966	4116	6'8"	5'6"	3'1"	--
PTC	10HF5	2100	900	0.6	141	N/A	12	55	3700	3700	5'6"	2'1"	3'1"	13"
PTC	10PHF5	2100	900	0.6	141	N/A	12	55	4135	4135	4'6"	2'1"	4'2"	15"
HPSI	80E	2200	800	0.75	120	175	15	50	3150	4100	5'5"	2'6"	4'6"	12"
PTC	13H2	1750	1100	0.75	141	N/A	12	55	3750	3750	5'6"	2'1"	3'1"	13"
MKT	V-5E	1700	1300	1	135	185	30	62	6200	6400	6'6"	1'1"	6'6"	13"
PTC	7PHF4	2300	550	0.7	141	N/A	12	40	2750	2750	4'5"	2'	3'5"	15"
DAWSON	EMV300A	2400	400	0.58	195	70	16	40	2000	2200	4'	2'	3'4"	6"
TRAMAC	328SH	2800-3000	278	0.35	73	93	11	39	3035	3235	4'7"	6'	2'2"	3.15"
TRAMAC	428M	2800-3100	348	0.35	113	147	14	56	2815	3015	4'7"	3'8"	2'	3.15"
TRAMAC	428SH	2800-3100	348	0.35	113	147	14	56	3210	3410	4'8"	6'	2'4"	3.15"
HPSI	40E	2200	400	0.88	60	80	15	30	3150	3150	5'5"	2'1"	3'7"	12"
DAWSON	EMV300	2400	400	0.58	195	70	8.8	40	1890	2100	3'7"	1'10"	3'4"	6"
HMC/MOVAX	SP50	3000	700	0.38	N/A	N/A	39876	60	3950	4100	6'8"	5'6"	3'1"	--
HMC/MOVAX	SP-50	3000	650	0.38	95	NA	15	60	4070	4070	6'8"	4'4"	3'1"	--

HPSI	65E	2200	650	0.75	120	175	15	50	3150	3150	5'5"	2'1"	3'7"	12"
PTC	7HF4	2300	550	0.6	141	N/A	12	40	2550	2550	4'11"	2'	2'6"	13"
<b>HIGH</b>														
PTC	7HF3	2300	550	0.6	125	167	22	55	4642	12162	6'9"	1'11"	3'8"	12"
DELMAG/TUNKERS	HVB24	2100	434	0.55	86	131	40007	27	2100	7935	3'3"	--	3'6"	14.56"
VULCAN	400A	2400	200	0.38	42	58	15	15	1250	5100	4'4"	1'5"	2'-3/4"	10"
DELMAG/TUNKERS	HVB10	2100	191	0.31	43	131	40007	27	2000	7835	3'3"	--	3'4"	14.56"
APE	150 HF	2600	2200	0.88	340	350	80	250	8500-12500	22000	7'1"	1'7"	7'4"	14"
J&M	V223	2300	1100	-	300	335	40	170	6000	20885	8'4"	1'5"	7'11"	14.25"
ICE	40140	1900	1100	0.89	176	220	40	85	5675	5675	6'6"	1'4"	4'8"	12.75"
APE	200T HF	2600	5200	1.14	560	625	150	250	14000-18500	35000	8'	1'7"	8'5"	14"
J&M	V423	2300	2200	-	300	335	40	170	6000	20885	8'4"	1'10"	8'1"	14.25"
PVE	2307	2300	570	0.66	122	130	20	62	3828	12028	5'6"	1'6"	3'7"	12.4"
ICE	14-23	1900	1400	1.13	195	220	40	85	5775	5775	6'6"	1'4"	4'8"	12.75"
ICE	223	2300	1100	0.81	300	325	40	125	6750	6750	6'6"	1'5"	7'11"	12.75"
APE	150T HF	2600	2600	0.95	340	350	80	250	8500-12500	23000	7'1"	1'7"	7'4"	14"
PTC	15HF3	2300	1300	0.9	227	385	34	120	7480	19250	6'10"	2'4"	5'9"	12"
APE	6HF	3000	60	0.5	9	14	5	20	600	800	3'	7"	1'6"	5"
PTC	46HF3	2300	4000	0.5	607	684	67	2@150	29700	52860	12'4"	3'11"	7'	31"
PVE	2330	2300	2400	0.79	429	600	45	169	16046	28806	9'1"	2'8"	7'5"	13.8"
PTC	30HF3A	2300	2350	0.9	397	522	45	240	13530	30180	8'11"	2'6"	7'3"	13"
PVE	2520	2000	2200	0.99	375	389	45	124	12980	25080	7'10"	2'4"	7'5"	13.8"
APE	3HF	3000	30	0.5	9	14	5	20	225	400	3'	7"	1'6"	5"
PVE	2323	2300	2000	0.91	375	533	45	124	12210	24970	7'10"	2'4"	7'5"	13.8"
APE	200HF	1900	4400	1.13	525	625	150	250	14000-18500	34000	8'	1'7"	8'5"	14"
VULCAN	1400	2400	600	0.33	123	175	25	50	4350	11850	8'8"	1'11"	3'8"	12"
PVE	2315	2300	1300	0.7	288	318	34	96	7480	18040	6'7"	2'3"	5'7"	13.8"
PVE	1420	2000	1250	0.82	240	260	34	96	6120	14920	6'	2'	4'4"	13.8"
PTC	13HF3	2300	1150	0.9	163	270	34	120	7260	17930	6'10"	2'	5'9"	12"
DELMAG/TUNKERS	HVB16	2100	278	0.39	64	131	40007	27	2000	7835	3'3"	--	3'4"	14.56"
PTC	23HF3A	2300	2000	0.8	250	385	45	170	11330	23100	8'11"	2'6"	7'3"	13"
<b>MAST</b>														
ABI	1400VS	0-2,350	0-2,080	0.63	500	750	22	184.8	13000	13000	10'6"	2'2"	6'5"	1.5
ABI	925VS	0-2,350	0-1,388	0.5	340	560	19.25	123.2	7800	7800	8'7"	2'0"	3'11"	1.5
ABI	1200VS	0-2,350	0-1,735	0.5	400	650	19.25	184.8	11770	11770	10'6"	2'2"	6'5"	1.5
<b>RING</b>														
IHC FUNDEX	FVE 40	1600	5200	0.7	328	441	110	280	14300	31000	6'1"	5'	7'6"	4' 4"
PTC	50HT1	1500	4400	0.55	378	515	45	150	15400	19850	9'3"	4'10"	7'2"	14"/18"
PTC	13HT3	1700	1100	0.2	145	N/A	45	60	8800	13200	6'10"	4'6"	6'5"	14"/18"
PTC	50HTV	1500	0-4400	0.49	429	515	45	150	17600	22000	10'6"	6'3"	6'11"	14"/18"
PTC	40HT1	1500	3500	0.45	350	379	45	150	15200	19650	9'3"	4'10"	7'2"	14"/18"
PTC	30HT1	1700	2600	0.45	268	379	45	75	11900	16300	7'10"	4'6"	5'10"	14"/18"
PTC	13HFT3	2300	1100	0.2	145	N/A	45	72	8800	13200	6'10"	4'6"	6'5"	14"/18"
IHC	FV-60R	1500	5200	0.7	328	441	88	280	14300	15900	6'1"	5'	7'6"	4'4"
PTC	30HTV	1700	0-2200	0.43	296	379	45	75	11000	15500	8'4"	6'2"	6'8"	14"/18"
IHC	FV-50R	1500	4300	0.6	328	430	44	280	13900	15400	6'1"	5'	7'6"	4'4"
<b>STANDARD</b>														
MULLER	MS 25 H2/3	1680	2170	1.02	297	350	45	112	8554	18034	5'6"	27	7'2"	13.4
ICE	1412-B	1250	10000	1.3	760	800	150	2x250	36950	60501	16'1"	3'4"	7'9"	32"
ICE	V360	1500	11300	1.46	992	1050	225	2x250	37100	60651	16'1"	3'4"	7'9"	32"
ICE	125-130	1400	12200	1	966	1320	200	2x250	33450	69750	11'5"	5'1"	12'	27.25"
ICE	1412BT	1250	20000	1	1520	1600	300	4x250	89600	139102	16'8"	5'3'	8'	64"
ICE	V360T	1500	22600	1.2	2035	2100	450	4x250	82200	139252	16'8"	5'3"	8'	64"
MULLER	MS 100 H3	1615	8680	1.49	818	859	67	405	26742	47245	9'8"	27	8'6"	13.4
MULLER	MS 35 H2/3	1650	3038	1.05	295	350	45	140	11464	20944	5'7"	28	7'2"	13.4

APE	200B	1800	4400	1.13	525	625	150	250	14000-18500	34000	8'	1'7"	8'5"	14"
ICE	66-80	1600	6600	1.23	760	800	80	196	19290	42841	11'5"	1'8"	8'1"	14.25
J&M	V44-50	1600	4400	1.17	452	535	90	250	13650	30500	8'2"	1'10"	8'1"	14.25"
J&M	V1412-B	1250	10000	1.3	760	800	150	400	28590	53181	17'1"	3'5"	7'11"	32"
MULLER	MS 50 H2/3	1615	4340	1.18	409	489	56	169	15587	31109	6'8"	27	8'6"	13.4
APE	50	2000	1300	0.88	197	260	50	250	4900-10000	14000	5'8"	1'2"	4'4"	14"
H&M	H-25	2000	85	-	20	25	5	12	950	1700	3'3"	-	-	9"
PTC	18H2	1600	1560	1	146	173	30	55	6070	13555	7'	2'	5'2"	13"
APE	600B	1400	19500	1.75	1000	1400	250	4x250	42000-58000	84000	11'	2'2"	13'9"	26"
APE	400B	1400	13000	1.75	791	990	250	4x250	38000-52000	78000	11'	2'2"	10'	26"
APE	300	1400	6500	1.38	590	625	150	2x250	17000-23000	40000	9'	1'10"	9'3"	14"
APE	200T	1800	5200	1.14	560	625	150	250	14000-18500	35000	8'	1'7"	8'5"	14"
APE	200A	1800	4400	1.13	340	350	150	250	14000-18500	27000	8'	1'7"	8'5"	14"
APE	150T	1800	2600	0.95	340	350	80	250	8500-12500	23000	7'1"	1'7"	7'4"	14"
J&M	V66-65	1300	6600	1.23	595	650	90	400	19644	42000	11'5"	1'10"	8'1"	14.25"
APE	100	2000	2200	0.89	217	260	50	250	5600-10000	17000	5'8"	1'7"	6'10"	14"
J&M	V216	1600	1100	0.94	150	175	40	100	5096	15346	5'9"	1'4"	4'2"	16"
APE	6	1600	60	0.5	9	14	5	20	600	800	3'	7"	1'6"	5"
APE	3	1600	30	0.5	9	14	5	20	225	400	3'	7"	1'6"	5"
OVR	OVR 80	2500	1027	0.51	224	224	27	73	6207	5220	56	29	43	-
OVR	OVR 60	2500	655	0.35	208	208	13.5	57	3980	3370	51	26	41	-
OVR	OVR 50	2500	496	0.31	150	149	13.5	57	3873	3304	51	26	41	-
OVR	OVR 40	2500	336	0.28	116	115	10	27	3122	2676	45	23	37	-
H&M	H-65	1800	345	.25-.62	185	100	40106	30	1850	6000	4'9"	-	2'11"	10"
H&M	H-1200	1400	1200	.25-.50	175	210	20	60	5900	12000	9'11"	-	5'	12"
APE	150	1800	2200	0.88	340	350	80	250	8500-12500	22000	7'1"	1'7"	7'4"	14"
ICE	40140	1900	1100	0.89	176	220	40	85	5675	15500	6'6"	1'4"	4'8"	12.75"
ICE	44-70	1650	4400	1.17	670	740	80	125 (196)	14427	34904	10'1"	1'7"	8'1"	14.25"
ICE	44-50	1600	4400	1.17	552	575	80	125	14427	30592	10'1"	1'7"	8'1"	14.25"
ICE	44-30V	1250-1600	4400	1.17	264	335	80	125	14125	25469	10'1"	1'7"	8'1"	14.25"
ICE	44-30	1200	4400	1.17	264	335	80	125	14125	25469	10'1"	1'7"	8'1"	14.25"
ICE	28-35	1600	2800	1.17	293	350	40	125	10575	21919	8'9"	1'4"	7'9"	14"
ICE	416L	1600	2200	0.93	264	335	40	125	10425	21769	8'9"	1'4"	7'9"	14"
ICE	22-30	1600	2200	0.97	264	335	40	125	10125	21469	9'8"	1'7"	6'3"	14.25"
ICE	22-23V	1450-1600	2200	0.97	170	220	40	125	10125	20000	9'8"	1'7"	6'3"	14.25"
J&M	V23	1600	230	0.58	23	30	13	40	1440	3373	4'2"	1'4"	2'2"	10.5"
ICE	223	2300	1100	0.81	300	325	40	125	6750	17235	8'9"	1'5"	7'11	12.75
J&M	V116	1600	600	0.68	110	150	40	100	4500	15000	5'9"	1'4"	4'2"	16"
ICE	216	1600	1100	0.94	146	200	40	50	5521	15346	6'5"	1'3"	3'9"	12"
ICE	23	1600	230	0.58	23	40	13	20	1440	3373	3'5"	1'3"	2'2"	10.5"
J&M	V66-80	1600	6600	1.23	760	800	90	400	19644	44235	11'5"	1'10"	8'1"	14.25"
J&M	V44-65	1650	4400	1.17	560	650	90	400	13650	37500	8'2"	1'10"	8'1"	14.25"
J&M	V44-30	1200	4400	1.17	264	335	90	250	13650	25000	8'2"	1'10"	8'1"	14.25"
J&M	V416	1600	2200	1.02	264	335	40	250	9550	20885	7'0"	1'5"	7'11"	14.25"
J&M	V22-30	1250	2200	1.02	200	220	40	170	6300	18000	8'2"	1'5"	7'11"	17"
J&M	V11-23	1900	1100	0.75	160	175	40	170	5250	15650	6'7"	1'4"	4'2"	17"
ICE	66-70	1300	6600	1.23	670	740	80	196	18867	39344	11'5"	1'8"	8'1"	14.25
ICE	14-23	1900	1400	1.13	195	220	40	85	5775	15600	6'6"	1'4"	4'8"	12.75"
H&M	H-3400	1200	3400	-	375	460	30	100	10000	20700	10'9"	-	5'6"	12"
MKT	V-30	1700	4400	1	510	600	80	100	15500	32500	11'1"	1'1"	8'6"	13"
PTC	50HL	1600	4400	1.18	414	522	80	170	14650	31950	8'11"	2'3"	8'4"	15"
ICE	815	1600	4400	1	452	505	50	125	14750	30500	9'1"	2'4"	7'7"	28"
ICE	612	1200	4400	1	254	325	40	125	12275	23500	8'4"	2'5"	7'11"	29"
FOSTER	4200	900-1500	4166	.32-1.00	436	503	80	196	16300	30950	7'6"	2'	9'2"	14"
FOSTER	4150	900-1500	4166	.32-1.25	--	503	55	145/200	16495	31995	6'6"	2'3"	8'0"	12"
HPSI	400	1600	4000	1.12	408	505	75	200	16000	30000	8'9"	1'10	8'6"	14"

FOSTER	4030	1500	4000/3000	.31-1.25	300	450	45	100/200	17600	32500	6'5"	1'11"	9'10"	12"
MKT	V-20B	1700	2400	0.75	265	325	60	75	10750	22000	10'0"	1'1"	8'6"	13"
HPSI	150	1600	1500	0.88	175	210	30	50	7050	15000	6'6"	1'7"	7'3"	14"
PVE	52M	1700	4500	0.95	508	750	57	169	17094	31394	9'8"	2'4"	8'3"	14.2"
H&M	H-50	2000	230	.25-.50	50	90	10	30	1700	5800	4'9"	-	2'11"	10"
HPSI	300	1600	3000	0.88	335	400	60	200	10750	23000	8'4"	1'10	7'11"	14"
MKT	V-20	1650	3000	0.66	310	350	60	75	12500	31500	12'2"	1'2"	8'0"	14"
DELMAG/TUNKERS	HVB100.01	1600	2950	0.7	359	503	55	154	10580	23600	13'5'5"	--	7'0"	14.74"
H&M	H2700	1200	2700	0.88	285	335	30	75	9300	19000	12'2"	2'	5'6"	12"
PVE	25M	1700	2600	0.75	365	389	45	96	12276	24376	7'10"	2'4"	7'5"	13.8"
PTC	30H1A	1700	2600	0.9	262	385	45	120	10760	22530	7'11"	2'5"	8'2"	13"
HPSI	260	1600	2600	0.8	280	335	60	200	10750	23000	8'4"	1'10"	7'11"	14"
HPSI	250	1600	2500	0.88	280	335	45	200	8600	20250	5'3"	1'8"	7'11"	14"
FOSTER	4000	1400	4000	.31-1.25	299	445	45	100/200	18800	29960	6'4"	1'10"	9'8"	12"
DELMAG/TUNKERS	HVB260.01	1600	7983	0.86	1079	1153	110	287	22000	44000	14'9"/6'	--	7'0"	18.1"
IHC	FV-450	950	39100	1.6	1415	1606	110	8@67	94800	99200	14'3"	7'10"	7'10"	7'10"
HPSI	2000	1400	21500	1.1	1500	1600	150	4@150	58000	110000	10'8"	5'11"	11'	40"
PTC	240HD	1380	21000	1	1500	1823	202	4@280	76680	113500	10'3"	6'6"	13'4"	55"
PVE	200M	1400	17600	1.14	1420	1650	176	676	52976	94776	11'	4'5"	10'4"	27.6"
HPSI	1600	1400	16000	1	1200	1600	150	4@150	55000	107000	8'7"	5'11"	11'	40"
PTC	175HD	1400	15600	1	830	4065	202	4@150	55850	79750	16'8"	4'11"	7'7"	31"
MKT	V-140	1400	14000	1	1400	1800	150	300	42000	96000	14'6"	4'0"	11'10"	48"
HPSI	1200	1200	12000	0.75	850	1200	150	4@150	44340	92000	8'7"	5'8"	11'	40"
PTC	100HD	1400	10400	1.1	613	684	135	2@150	35920	58720	13'4"	4'11"	7'7"	31"
ICE	44-65	1650	4400	1.17	560	650	80	200	13650	37500	8'2"	1'6"	8'1"	14.25"
PVE	110M	1350	9600	1.19	610	798	136	225	30800	45100	10'7"	3'2"	8'8"	26.4"
HPSI	450	1600	4500	1	555	600	75	200	16500	33000	8'9"	1'10"	8'6"	14"
HPSI	750	1400	7500	1	600	860	100	200	19500	42000	8'9"	1'10"	8'6"	14"
ICE	66-65	1300	6600	1.23	595	650	80	125	17400	40080	11'5"	1'10"	8'1"	14.25"
PTC	75HL	1500	6500	1.1	475	507	67	240	25285	42565	8'6"	2'4"	11'4"	15"
PTC	60HD	1650	5200	1	414	522	67	2@120	19150	36450	11'4"	2'5"	7'9"	12"
HPSI	500	1600	5000	1.13	600	700	75	200	16500	35000	8'9"	1'10"	8'6"	14"
MKT	V-36	1600	5000	0.75	550	650	80	100	18800	36300	13'1"	1'2"	12'0"	14"
MKT	V-35	1700	4800	1	550	650	80	100	15500	32650	11'4"	1'1"	8'0"	13"
VULCAN	4600A	1600	4600	1-1.38	-	560	80	177	14000	24600	10'11"	2'6"	7'2"	14"
PVE	38M	1700	3300	0.89	394	533	57	124	13530	26290	8'10"	2'4"	7'5"	13.8"
HPSI	1000	1400	10000	0.75	600	860	150	4@150	39000	78000	8'7"	1'10"	11'	20"
VULCAN	2300A	1600	2300	0.75	237	360	48	87	8550	16550	9'7"	2'4"	5'	14"
HPSI	130L	1600	1300	0.8	137	175	30	50	4250	13000	5'3"	1'7"	5'11"	14"
FOSTER	1000	1600	1000	.25-.75	--	185	20	90	6094	10500	5'11"	1'8"	5'7"	12"
PTC	15H1	1650	1300	1	146	167	22	55	5590	13110	6'1"	2'3"	5'5"	12"
H&M	H-75E	1800	600	.25-.50	75	210	15	40	2400	2400	4'	-	3'1"	14"
H&M	H-75B	1900	600	.25-.50	105	210	15	62	4000	9000	5'7"	--	3'1"	14"
MKT	V-5B	1800	1100	0.75	118	175	30	62	7200	11200	7'8"	1'1"	6'4"	13"
MKT	V-5C	1700	1300	1	135	185	30	62	7200	12030	7'7"	1'1"	6'4"	13"
MKT	V-5	1450	1000	0.5	59	175	30	62	5200	9200	9'4"	1'2"	6'10"	14"
HPSI	130	1600	1300	0.8	137	175	30	50	7050	15000	6'6"	1'7"	7'3"	14"
DELMAG/TUNKERS	HVB130.01	1600	3991	0.79	547	625	55/110	154	12600	31300	13'3"/5'9"	--	7'0"	17.32"
DELMAG/TUNKERS	HVB30	1800	712	0.79	112	158	40007	33	2100	7935	3'4"	--	3'6"	14.56"
PTC	7H5	2000	550	1	63	109	13.5	40	2375	5980	4'10"	1'11"	2'3"	12"
PVE	7M	1800	520	0.64	86	133	20	62	3872	12072	5'10"	2'	4'1"	13.8"
MKT	V-2B	1800	440	0.75	44	70	16	16	2700	5525	3'9"	1'0"	3'7"	12"
MKT	V-2A	1800	400	0.75	44	70	8	16	2400	4400	3'8"	1'0"	3'8"	12"
FOSTER	1050	1500	1050	.25-1.00	82	175	32	96	6990	15880	7'6"	1'5"	5'1"	14"
MKT	V-16	1750	1800	0.47	161	210	40	75	9250	24000	11'2"	1'2"	6'6"	14"
MKT	V-17	1700	2200	0.75	254	325	60	70	12000	31500	10'0"	1'1"	8'6"	13"

PVE	23M	1650	2200	0.75	261	318	45	96	11000	21560	7'11"	2'	6'1"	13.8"
DELMAG/TUNKERS	HVB70.01	1630	2065	0.74	290	312	28/55	120	7050	17850	10'2"/5'3"	--	5'7"	11.81"
DELMAG/TUNKERS	HVB60.05	1500/1000	2065/3879	.67-1.18	251/191	312	27.5	91	7050	18850	10'2"/5'3"	--	5'7"	11.81"
HPSI	200	1600	2000	0.88	204	300	45	150	8600	19850	5'3"	1'8"	7'11"	14"
VULCAN	1150A	1600	1150	0.75	131	155	32	48	6300	13800	7'11"	2'1"	5'	14"
PTC	25H1A	1750	2000	0.85	181	270	45	120	9660	20330	7'11"	2'2"	8'2"	13"
FOSTER	1800	1600	1800	.32-.75	--	220	30	90/120	11000	24375	6'8"	1'9"	9'0"	12"
FOSTER	1700	1400	1740	.31-.75	165	220	30	100/120	12900	19930	6'3"	1'10"	7'	12"
MKT	V-5E	1700	1300	1	135	185	30	62	6200	11000	6'6"	1'1"	6'6"	13"
HPSI	150L	1600	1500	0.88	175	210	30	50	4250	13000	5'3"	1'7"	5'11"	14"
MKT	V-14	1500	1500	0.32	140	210	40	75	10000	29500	11'1"	1'2"	5'3"	14"
DELMAG/TUNKERS	HVB40.01	1500	1346	0.67	178	253	28	77	5700	16100	9'8"/4'11"	--	5'3"	11.81"
H&M	H-1700	1200	1700	.50-.75	200	225	30	75	7000	13000	8'11"	1'	5'	12"
H&M	H-150	1700	820	.50-.75	150	225	15	60	4300	10200	6'3"	-	3'6"	14"
<b>VARIABLE</b>														
PTC	17HFV	2300	0-1500	0-.70	314	385	34	120	11360	23220	8'10"	2'8"	6'3"	15"
PTC	23HFV	2300	0-2000	0-.60	302	385	45	170	14650	26510	9'2"	2'10"	7'3"	13"
PVE	50VM	1800	0-4400	0-.83	494	600	45	169	18194	32494	9'11"	2'6"	7'7"	12.6"
PVE	2323VM	2300	0-2000	0-.60	384	533	45	124	10450	23210	9'2"	2'4"	6'1"	13.8"
PVE	2025VM	2000	0-2200	0-.60	332	533	45	124	10890	24210	9'2"	2'4"	6'1"	13.8"
PVE	40VM	2000	0-3500	0-.79	680	750	45	169	16434	30734	9'11"	2'6"	7'7"	12.6"
PTC	30HFV	2300	0-2400	0-.70	417	522	45	240	17030	33780	10'7"	2'10"	7'3"	13"
PTC	34HFV	2300	0-3000	0-.70	578	684	45	240	20130	43430	10'7"	3'1"	7'7"	15"
PVE	2330VM	2300	0-2400	0-.62	429	600	45	169	12474	25234	9'3"	2'10"	7'5"	13.8"
HPSI	VM30	2200	0-2500	0-.75	455	505	60	200	9500	19700	6'5"	1'10"	7'1"	14"
PVE	2332VM	2300	0-2800	0-.62	680	750	57	225	17600	31900	10'4"	2'4"	6'7"	13.4"
PTC	60HFV	2300	0-4800	0-.70	578	684	67	2@240	31400	54700	12'1"	4'7"	7'4"	31"
PVE	2316VM	2300	0-1400	0-.67	336	389	34	124	8250	20350	7'9"	2'1"	5'5"	12.5"
PTC	60HVV	1680	0-4800	0-.70	449	507	67	2@120	22850	39200	10'12"	3'7"	7'3"	31"
PVE	2335VM	2300	0-3100	0-.60	787	1200	57	225	18480	33000	10'4"	2'4"	6'7"	13.4"
MULLER	MS-48 HFV	2350	0 - 4166	0.6	955	1052	67	405	24339	57408	11'8"	36.5/44.6	7'9"	18.5 / 33.8
MULLER	MS-25 HHF	2170	2170	0.68	367	489	32	101	9856	25066	8'0"	26	5'11"	13
MULLER	MS-50 HHF	2362	4340	0.87	653	859	56	225	15146	35649	9'0"	26	7'6"	13
MULLER	MS-100 HHF	2158	8680	1.02	817	859	67	337	27425	47928	10'5"	26	8'1"	13
MULLER	MS-120 HHF	1850	10068	1.03	749	1052	135	405	41072	74141	11'3"	45	7'6"	20
MULLER	MS-200 HHF	1800	16941	1.28	1122	1349	135	562	51368	91051	10'10"	53	7'6"	N/A
MULLER	MS-10 HFV	2358	0 - 868	0.46	272	350	20	81	5644	15124	7'7"	33.15	5'5"	13.78
MULLER	MS-16 HFV	2350	0 - 1389	0.49	394	489	34	140	9215	24647	8'10"	29.8	6'4"	13.78
MULLER	MS-32 HFV	2375	0 - 2777	0.56	817	859	67	281	18431	38934	11'8"	31.57/42	7'9"	13.58 / 33.8 13.58 / 33.8
PTC	15HFVS	2300	0-1300	0-.60	272	385	34	120	8760	20620	8'2"	2'7"	5'10"	13"
APE	150T	2100	0-1,600	0.95	340	450	50	250	5400-8500	23000	6'7"	1'7"	7'4"	14"
APE	120V	2100	0-1600	0.95	340	450	50	250	5400-8500	23000	6'7"	1'7"	7'4"	14"
APE	250V	2000	0-4500	1.12	600	630	100	250	15000	30000	7'3"	17"	8'	14"
PTC	10HFV	2300	0-700	0-.40	129	167	22	55	5390	11100	5'4"	2'7"	5'1"	12"
PTC	15HFV	2300	0-1300	0-.70	190	270	34	120	8350	19120	8'2"	2'7"	5'10"	13"
HPSI	VM15	2200	0-1300	0-.50	236	250	30	150	7500	16000	6'5"	1'10"	7'1"	14"
MULLER	MS-24 HFV	2350	0 - 2083	0.65	739	859	45	225	12831	33334	9'2"	30.7	5'10"	18.03