


AMERICAN PNEUMATIC TOOLS™

Proven Power. Rugged Reliability.

PRODUCT CATALOG



BUILT TO LAST SINCE 1938
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American Pneumatic Tools (APT™) is a leading provider of outstanding tools for the construction and industrial markets. The APT brand has been synonymous with quality since 1938.

APT is a leading provider of exceptional tools for the construction and industrial markets. For decades, the APT brand has represented quality, performance, and innovation in the pneumatic tool industry. APT's product line now offers a complete range of pneumatic tools, hydraulic tools, light compaction equipment, concrete finishing products, and portable power. Superior performance, excellent product reliability, competitive pricing, ergonomic designs, and a great warranty are what make American Pneumatic Tools an industry leader.

The products and parts are made in various countries by APT's affiliates and/or trusted suppliers.

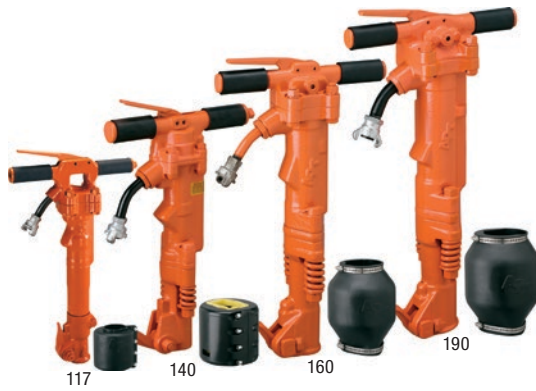
Worldwide Customer Support

Choosing APT is just the beginning. APT distributors offer reliable service and support. Genuine spare parts for your tools are available worldwide, with short delivery times. See pages 21-23 for warranty, terms and conditions, and return policy information.

Order Desk Hours

Monday through Friday | 6:00 a.m. to 4:00 p.m. PacificTime (U.S. & Canada) | 8:00 - 16:00 UTC

HANDHELD PNEUMATIC



muffers optional

Paving Breakers

Features

- Patented ball valve design* (U.S. pat. # 8,276,682 B2)
- Drop-forged alloy steel handle
- Built-in automatic oiler
- Rubber handle grips
- Latch-type retainer
- Swivel hose connection
- Standard universal air fitting
- Noise-dampening mufflers available
- Four-bolt backhead
- Replaceable chuck bushing (except for model 140/140A)

Model	CHUCK SIZE in.	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs.	LENGTH in.	AIR INLET NPT
117	7/8 x 3-1/4 · 1 x 4-1/4	1-3/4	3-3/8	1,850	34-48	33	21-3/4	3/8 male
140	1 x 4-1/4	1-7/8	4-1/4	1,500	48	43	21-1/8	1/2 male
160	1-1/8 x 6 · 1-1/4 x 6	2-1/4	4-1/8	1,680	60-65	68	25-3/4	1/2 male
190	1-1/8 x 6 · 1-1/4 x 6	2-5/8	6-1/8	1,350	75-80	91	29	3/4 male

*Ball valve used on Models 117, 160, and 190.

Airgo-Line® Paving Breakers

40 lb., 60 lb., 90 lb. classes

Features

- Patented ball valve design* (U.S. pat. # 8,276,682 B2)
- Ergonomic handle dampens vibration; reduces shock to the operator
- Same hitting power as standard breaker, reduces operator fatigue
- Replaceable vibration isolator
- Handle is interchangeable with APT standard model

Model	CHUCK SIZE in.	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs.	LENGTH in.	AIR INLET NPT
140A	1 x 4-1/4	1-7/8	4-1/4	1,500	48	46	24	1/2 male
160A	1-1/8 x 6 · 1-1/4 x 6	2-1/4	4-1/8	1,680	60-65	70	28-1/4	1/2 male
190A	1-1/8 x 6 · 1-1/4 x 6	2-5/8	6-1/8	1,350	75-80	90	31	3/4 male

*Ball valve used on Models 160A and 190A.



muffers optional



Airgo-Line® backhead assemblies

Model 140A assy # 18034	Model 160A assy # 17684	Model 190A assy # 17720
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Rock Drills

Features

Model 109 - 9 lb. class

- Clockwise rotation
- Stop-rotation feature
- Lightweight cast alum. handle
- Built-in automatic oiler

Model 115 - 15 lb. class

- Stop-rotation feature
- Counterclockwise rotation
- Built-in automatic oiler

Model 115 cont.

- Latch-type retainer
- Lightweight cast alum. handle

Model 137 - 30 lb. class

- 4 drilling speeds
- Replaceable piston stem bearing
- Available wet or dry
- Counterclockwise rotation

Model 137 cont.

- Rubber handle grips

Model 155 - 60 lb. class

- 3 drilling speeds
- Replaceable piston stem bearing
- Built-in automatic oiler
- Available wet or dry
- Counterclockwise rotation
- Rubber handle grips



optional mufflers available for 109 & 155

Model	CHUCK SIZE in.	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs.	LENGTH in.	AIR INLET NPT
109	3/4 x 3-3/4 Round Slotted	1-1/4	1	3,400	19-21	9	15	3/8 female
115	7/8 x 3-3/4	1-15/16	1-3/8	2,900	32-36	19	18-3/8	3/8 male
137†	7/8 x 3-1/4 or 4-1/4 · 1 x 4-1/4	2-3/8	2-5/8	2,300	85-90	38	19-3/4	1/2 male
155	7/8 x 3-3/4 or 4-1/4 · 1 x 4-1/4	2-5/8	3	2,100	110-120	61	22-3/4	3/4 male

†No built-in automatic oil reservoir - constant feed oiler recommended.

HANDHELD PNEUMATIC



Clay/Trench Diggers

Features

- Deep case-hardened alloy steel cylinders
- Replaceable chuck bushing
- Latch-type retainer

Model 118 Clay Digger

- Patented ball valve design (U.S. pat. # 8,276,682 B2)
- Built-in automatic oiler
- D-style handle
- Inside trigger for better control and safety

Model 119 Trench Digger

- Patented ball valve design (U.S. pat. # 8,276,682 B2)
- Built-in automatic oiler
- T-style forged handle
- Rubber handle grips

Model 125 Clay Digger

- D-style handle
- Inside trigger for better control and safety
- Flapper valve design allows dirt to pass without stopping tool
- Replaceable chuck and piston stem bushing

MODEL	CHUCK in.	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs.	LENGTH in.	AIR INLET NPT
118	7/8 x 3-1/4 · 1 x 4-1/4	1-3/4	3-3/8	1,850	34-36	31	21-1/2	3/8 male
119	7/8 x 3-1/4 · 1 x 4-1/4	1-3/4	3-3/8	1,500	34-38	37	31	1/2 female
125	7/8 hex x 3-1/4	2-1/4	4-1/8	1,680	38-42	21	18-3/8	1/2 female



Rivet Busters/Demolition Tools

Features

- New closed-nose cylinder captivates the piston, thus adding an extra layer of safety. Includes traditional retainer system.

- Choice of 2 handle styles, available in all stroke sizes:
 - New pistol-grip style handle with outside trigger
 - Classic "D" handle with inside trigger

- Three stroke sizes: 6", 8" and 11"
- All models use jumbo extra heavy-duty (11x) steel
- 6' steel-braid reinforced whipose, 1/2" NPT, and air fitting included with every tool

MODEL	HANDLE STYLE	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs. w/retainer	LENGTH in. w/retainer	AIR INLET NPT
633	D Handle	1-3/16	6	1,100	42-46	24	20-1/2	1/2 female
633CN	D Handle	1-3/16	6	1,100	42-46	29	20-1/2	1/2 female
633CN	Pistol Grip	1-3/16	6	1,100	42-46	28	21	1/2 female
133	D Handle	1-3/16	8	1,140	42-46	30	22-1/2	1/2 female
133CN	D Handle	1-3/16	8	1,140	42-46	32	22-1/2	1/2 female
133CN	Pistol Grip	1-3/16	8	1,140	42-46	31	23	1/2 female
1133	D Handle	1-3/16	11	850	48-52	33	25-1/2	1/2 female
1133CN	D Handle	1-3/16	11	850	48-52	35	25-1/2	1/2 female
1133CN	Pistol Grip	1-3/16	11	850	48-52	34	26	1/2 female



Chipping Hammers

Features

- Deep case-hardened alloy steel cylinders
- Drop-forged handles
- All models are 7/8" - 24 fine thread
- Replaceable bushing
- Adjustable exhaust deflector
- Price includes oval retainer, locking spring and whipose assembly - 7/8" - 24 male swivel, 6' steel-braid reinforced whipose and air fitting

260 & M43/44 Series

- 2-bolt and 4-bolt handle for ease of maintenance
- Patented ball valve design (U.S. pat. # 8,276,682 B2)
- Forgiving of dirt and debris, corrosion resistant
- Available in 3" and 4" strokes

650 Series

- Flapper valve design allows dirt to pass without stopping the tool
- Traditional pistol grip handle
- Available in 2", 3" and 4" strokes

Part #	Retainers
9431	Standard oval retainer (7022 with 1941 spring)
5550	Quick change/ball retainer w/1941 spring – optional
18290	Bolt-on quick change/ball retainer – optional

MODEL	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs. w/o retainer	LENGTH in. w/o retainer	CHUCK BUSHING	Air Inlet	
650 SERIES	652	1-1/8	2	2,100	32-34	12	13-1/4	.680 Round or .580 Hex	7/8-24
	653	1-1/8	3	1,650	33-35	14	15-1/4	.680 Round or .580 Hex	7/8-24
	654	1-1/8	4	1,375	34-36	16	16	.680 Round or .580 Hex	7/8-24
260 SERIES 2-BOLT	263	1-1/8	3	1,650	33-35	14	14-9/16	.680 Round or .580 Hex	7/8-24
	264	1-1/8	4	1,375	34-36	15	15-9/16	.680 Round or .580 Hex	7/8-24
M43/44 SERIES	M43	1-1/8	3	1,650	33-35	21	16-3/4	.680 Round or .580 Hex	7/8-24
	M44	1-1/8	4	1,375	34-36	22	17-3/4	.680 Round or .580 Hex	7/8-24

HANDHELD PNEUMATIC



Backfill Tamper

Features

- Built-in large automatic oiler
- Flapper valve design allows dirt to pass without stopping the tool
- Internally reinforced large malleable 6" iron butt (standard)
- Pole butt (half-moon), and 3" diameter butt available



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MODEL	BORE in.	STROKE in.	BPM	CFM @90psi	WEIGHT lbs.	LENGTH in.	AIR INLET NPT
131	1-1/2	5-1/2	670	38-42	37	51-7/8	1/2 female

Needle Scalars

Model 307 / 317

- Rubber-faced throttle valve for positive seal
- Lever-type throttle for easy control
- Alloy steel cylinder
- Assembly of 19 seven-inch steel needles, with attachment housing
- Optional chisel accessories sold separately (3 included in M317 kit)

MODEL	BPM	CFM @90PSI	WEIGHT lbs.	LENGTH in.	AIR INLET NPT
307/317	4,000	7	6.7	18-1/2	1/4 female
121	4,500	5.5	4	11-3/4	1/4 male



M307 power unit with anvil (included)

M307 7" needles and housing (included)

M317 chisels (included in M317 kit, or sold separately)

Model 121 Mini Needle Scaler

Model 317 Kit

- M307 power unit
- 7" needle assembly with housing
- 3 chisels
- Carrying case

Air Tool Accessories

(R) = Recommended (O) = Optional

Needle Scalars

18743 (R) WHIPHOSE ASSY (UF, 0L, 3/8" hose x 6ft, 1/4" NPT male)

Rivet Busters

18837 (R) WHIPHOSE ASSY (UF, 2L, 1/2" Braided Hose x 6ft, 1/2" NPT Swivel)

18836 (O) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 1/2" NPT Swivel)

18833 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, with 1/2" NPT Swivel)

Chipping Hammers

18835 (R) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 7/8"-24 Swivel)

18832 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, with 7/8"-24 Swivel)

18833 (Old-Style-Coarse Thread) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, with 1/2" NPT Swivel)

109 Rock Drill

18841 (R) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 3/8" NPT Male)

18839 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 3/8" NPT Male)

115 Rock Drill

18842 (R) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 3/8" NPT Female)

18840 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 3/8" NPT Female)

131 Backfill Tamper

18838 (R) WHIPHOSE ASSY (UF, 2L, 1/2" Braided Hose x 6ft, 1/2" NPT Male)

18834 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 1/2" NPT Male)

117 Paving Breaker

18842 (R) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 3/8" NPT Female)

18840 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 3/8" NPT Female)

119 Trench Digger

18838 (R) WHIPHOSE ASSY (UF, 2L, 1/2" Braided Hose x 6ft, 1/2" NPT Male)

18834 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 1/2" NPT Male)

118 Clay Digger

18842 (R) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 3/8" NPT Female)

18840 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 3/8" NPT Female)

125 Clay Digger

18841 (R) WHIPHOSE ASSY (UF, 1L, 1/2" Braided Hose x 6ft, 3/8" NPT Male)

18839 (O) WHIPHOSE ASSY (UF, 1/2" Braided Hose x 6ft, 3/8" NPT Male)

Whiphose For 137 & 155 Rock Drill

18748 8' WHIPHOSE ASSY 3/4" HOSE, CONSTANT-FEED OILER & (2) UNIVERSAL COUPLINGS

Whiphose For 190 Paving Breaker

18331 10' 3/4" WHIPHOSE W/2L OILER & UNIVERSAL COUPLINGS

NOTE: For enhanced performance and longer life when using Paving Breakers, APT recommends the 18331 3/4" whiphose with oiler, which provides an inline oiler within 10' of the operating tool for efficient lubrication.

SAFETY CABLES

18754 Hose to Hose

18755 Hose to Tool

APT OILERS

18307 0L 1.4 OZ. (X small)

17755 1L 3.7 OZ. (small)

17756 2L 11.0 OZ. (med)

17757 3L 16.0 OZ. (large)

18646 2L- Constant Feed

for Rock Drills

MUFFLER KITS

6465 (M117, M118, M119)

18099 (M140)

17752 (M160)

17753 (M190)

18756 (M155)

O RING SEAL & REPAIR KITS

18774 (M117)

18775 (M140)

18776 (M140A)

18777 (M160)

18778 (M160A)

18779 (M180, M190)

18780 (M180A, M190A)

18781 (M109)

18782 (M115)

18783 (M137)

18784 (M155)

18785 (M633, M133, M1133)

18786 (M263, M264)

18787 (M652, M653, M654)

18788 (M118)

18789 (M119)

18790 (M125)

18791 (M131)

18793 (M307 Scaler, M317 Scaler Kit)

SIDE ROD KITS & LATCH KITS

18299 Side Rod Kit (M140)

18298 Side Rod Kit (M160, M180)

18581 Side Rod Kit (M190)

18796 Side Rod Kit (M109)

18797 Side Rod Kit (M115)

18798 Side Rod Kit (M137)

18799 Side Rod Kit (M155)

18794 Latch Kit (M115)

18295 Latch Kit (M117, M118, M119, M125)

18301 Latch Kit (M140)

18296 Latch Kit (M160, M180, M190)

18741 Standard Rivet Buster Kit (with black bumper) M633, M133, M1133

18826 Optional Rivet Buster Kit (with orange bumper) M633, M133, M1133



WR85-33

Walk-Behind Trench Roller

With its superior traction, the WR85-33 makes work on cohesive and granular soils easy. The trench compactor is suitable for backfills, foundations, parking lots, and similar applications.

Features

- Bluetooth remote control
- Oil cooler
- Efficient drum pad design
- No overhang

MODEL	DRUM WIDTH - in.	ENGINE	POWER hp	CENTRIFUGAL FORCE - ft.-lbs.	SOUND max dB(A)	FREQUENCY vpm	WEIGHT lbs.
WR85-33	33	HATZ diesel	12.5	14,613	106	1,920	3,695



RP160



RP200



RP300



RP400



RP504

Reversible Plate Compactors

Excellent for compacting medium to deep layers of granular soils. The high speed, balanced design, and hydraulic control system contribute to easy, precise handling on the roughest of surfaces or for spot compaction. Applications include boulders, cobble, gravel, sand, and silt.

Features

- Hydraulic forward/reverse lever
- Low fuel consumption and emissions
- Heavy-duty protective frame
- Impact-resistant steel covers
- High-quality bottom plate
- Optional compaction indicator (RP400)

MODEL	PLATE in.	ENGINE	POWER hp	FREQUENCY vpm	CENTRIFUGAL FORCE - ft.-lbs.	SOUND max dB(A)	H/A VIBRATION m/s ²	WEIGHT lbs.
RP160	18	HONDA	5.5	4,800	6,295	108	1.5	355
RP200	20	HONDA	6.5	3,900	8,093	105	3.5	479
RP300	20	HONDA	7.5	4,080	8,992	108	2.4	585
RP400	26	HONDA	13	3,600	11,690	108	2.5	878
RP504	22	HATZ diesel	12	3,600	13,488	109	2.1	1,233



Forward Plate Compactors

APT forward soil plates are specially designed for compacting granular soils. They are ideal and most economical for small repair and maintenance work. Applications include asphalt, gravel, sand, and silt.

Features

- Specially shaped bottom plate
- Wheels for easy mobility
- Stowable handle
- Long-life V-belt
- FP 75: Removable 3.4-gal. water tank (FP 100: option)
- FP 75: Smart water distribution system

MODEL	PLATE in.	ENGINE	POWER hp	FREQUENCY rpm	CENTRIFUGAL FORCE - ft.-lbs.	SOUND max dB(A)	H/A VIBRATION m/s ²	WEIGHT lbs.
FP 60A	14	HONDA	3.0	5,700	2,338	100	1.9	128
FP 75	17	HONDA	5.5	5,700	3,372	104	1.2	203
FP 100	20	HONDA	5.5	5,700	3,822	104	1.3	210



FP 60A



FP 100



FP 75

Rammers

High centrifugal force and speed contribute to deep and effective compaction. Applications include repair jobs, trenches, and foundations. The rammers feature a multi-functional fuel tank featuring a breather shut-off, electrical shut-off, fuel shut-off, and throttle control with three fixed positions (Stop/Idle/Run).

Features

- Sealed, multi-function tank with throttle control (Stop/Idle/Run)
- Honda 4-stroke engine
- Air breather system for easy start
- Easy access to all daily service points
- Efficient shock absorbers

MODEL	PLATE in.	ENGINE	POWER hp	FORCE/BLOW - lbs.-ft.	CENTRIFUGAL FORCE - ft.-lbs.	SOUND max dB(A)	H/A VIBRATION m/s ²	WEIGHT lbs.
TA55	6-9	HONDA	3.0	2,985	2,985	104	6.4	133-136
TA65	11	HONDA	3.0	3,330	3,330	104	4.9	152
TA80	13	HATZ diesel	4.0	4,800	4,800	106	12.6	188



TA55



TA80



TA65

HYDRAULIC BREAKER

AB Series Hydraulic Breakers

These breakers have only two moving parts and no high pressure accumulator – less chance of failure. Advanced design without tension bolts/tie rods makes them easier to service, maintain, and repair.

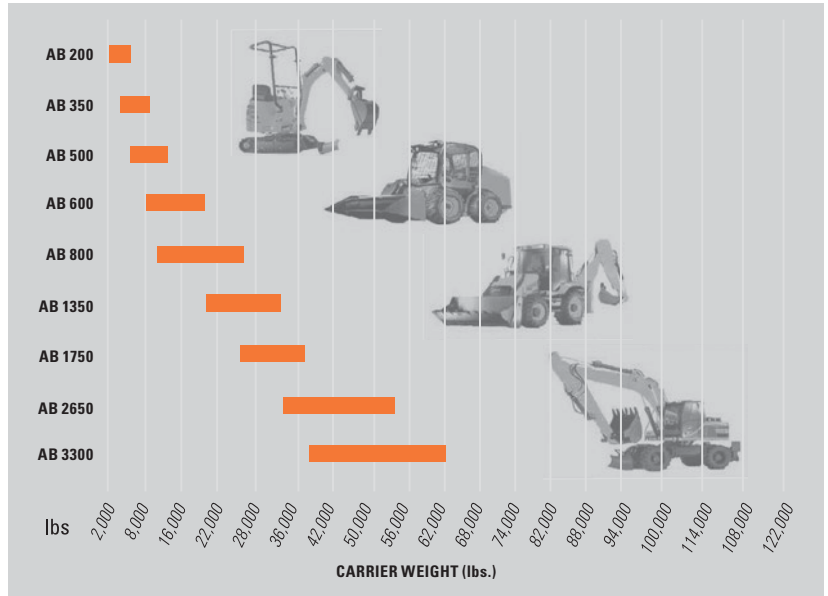
AB Series Features

- Hybrid technology (gas/oil)
- Innovative design with less components
- Effective noise and vibration damping
- Highly efficient internal control valve
- Power booster
- Power stop*
- Ventilation port*
- Dual retainer bars*

Optional Add-ons:

- Lube system for optimum grease distribution*
- Dust wiper*

* AB 1750 and larger



MODEL	CARRIER WEIGHT lbs. ⁽²⁾	SERVICE WEIGHT lbs. ⁽¹⁾	TOOL DIAMETER in./mm	FLOW REQUIREMENTS gpm @ psi	IMPACT RATE bpm	SOUND LEVEL dB(A)	MOUNTING GROUP
AB 200	2,900-6,600	207	1.7/42	4-9 @ 1,885	700-1,700	109 (3)/81 (4)	MTG 02
AB 350	4,600-9,900	328	2.0/52	8-13 @ 2,030	650-1,450	111 (3)/83 (4)	MTG 02
AB 500	6,400-13,200	470	2.4/62	9-16 @ 2,030	600-1,150	113 (3)/85 (4)	MTG 04
AB 600	9,300-19,800	600	2.8/70	12-20 @ 2,030	550-1,150	114 (3)/86 (4)	MTG 04
AB 800	11,500-26,500	816	3.1/80	16-24 @ 2,175	550-1,050	115 (3)/87 (4)	MTG 04
AB 1350*	19,800-33,100	1,380	3.5/90	21-29 @ 2,175	600-950	116 (3)/87 (4)	MTG 06
AB 1750	26,500-41,900	1,764	3.9/100	26-31 @ 2,466	650-850	117 (3)/88 (4)	MTG 06
AB 2650	33,100-53,000	2,646	4.7/120	32-37 @ 2,466	550-720	120 (3)/90 (4)	MTG 08
AB 3300	37,100-61,800	3,307	5.3/135	37-42 @ 2,466	520-680	122 (3)/93 (4)	MTG 08

1) Breaker and breaker box with standard adapter plus working tool.

2) Weights apply to standard carriers only. Any variances must be approved by APT and/or the carrier manufacturer prior to attachment.

3) Sound power level guaranteed.

4) Sound pressure level (r=33').

*Coming soon.




APT Portable Compressors

With strong undercarriages and heavy-gauge bodies, APT portable compressors are robust and durable. Just pull one to the worksite and get busy.

Features

- Extremely reliable Kubota diesel engines
- Ultra-efficient oil-injected air end
- All air outlets at rear of machine for ease of use
- Easy to service with great access to filters, engine and air receivers
- Trailer-mounted with road lights as standard
- Options include cold weather kits, aftercoolers, fine air filters, and more on select models

	APT 90 KD T4F	APT 185 T4F	APT 185 CDU T4	APT 400-100	APT 400-150
Free Air Delivery - CFM	88 	185	185	400	400
Working Pressure - psi (Bar)	102 (7)	58-100 (4-7)	100	58-100 (4-7)	150 (10)
Pressure Range - psi (Bar)	58-125 (4-8.6)	58-125 (4-8.6)	58-125 (4-8.6)	58-125 (4-8.6)	58-175 (4-12)
Discharge Outlets	2 @ 3/4"	2 @ 3/4"	1 x 1-1/4" NPT	1 @ 1-1/2" & 2 @ 3/4"	1 @ 1-1/2" & 2 @ 3/4"
Oil Capacity - gal. (L)	1.4 (5.3)	2 (7.6)	2 (7.6)	6.25 (23.6)	6.25 (23.6)
Engine Make	Kubota	Kubota	Caterpillar	John Deere	John Deere
Model	D1105	V2403	C2.2	4045HFC92	4045HFC93
Displacement - L	1.123	2.4	2.2	4.5	4.5
Cylinders	3	4	4	4	4
EPA Tier	Tier 4 Final	Tier 4 Final	Tier 4 Final	iT4	iT4
HP	24.8	49	49	115	125
Rated Speed (High) - rpm	3,000	2,700	2,750	2,400	2,400
Rated Speed (Low) - rpm	1,800	1,600	1,600	1,500	1,500
Fuel Tank Capacity - gal. (L)	8.5 (32)	20 (75)	20 (75)	58 (219)	58 (219)
Fuel Consumption @ 100% Load - gal./hr (L/hr)	1.11 (4.2)	2.3 (8.7)	2.7 (10.2)	5.92 (22.4)	6.47 (24.5)
Fuel Autonomy @ 100% Load - Hours	8	8	8	9	8
Sound Pressure Level @ 23' (7m) @ 75% Load - dB(A)	90	76	76	76	76
Trailer Dimensions (L x W x H) - in.	129 x 52 x 46	131 x 60 x 57	N/A	152 x 72 x 69	152 x 72 x 69
Weight (Wet) - lbs. (kg)	1,215 (551)	2,400 (1,089)	N/A	4,105 (1,862)	4,105 (1,862)
Support Mounted (L x W x H) - in.	79 x 54 x 41	77 x 41 x 64	84 x 34 x 57	104 x 58 x 64	104 x 58 x 64
Weight (Wet) - lbs. (kg)	1,100 (500)	2,200 (1,000)	2,060 (935)	4,225 (1,916)	4,225 (1,916)

GENERATORS



APT Portable Generators

Applying insights gained from industrial customers, rental companies, public utilities, and other end users, APT generators are designed to withstand the most demanding on-site conditions and environments.

APT generators are purpose-built for quick, easy, and safe transport and on-site handling. Built to last, an APT generator will provide years of dependable service for your electrical power generation needs.

Features

- Sound-attenuated, rugged steel enclosure
- Large doors and access for superior serviceability
- Single point lifting beam
- Trailer or skid configurations available
- Digital controllers with multiple protections built-in; including low fuel warning

	APTG 25	APTG 45	APTG 70	APTG 90	APTG 120
Rated Prime Power 3Ø (kW/kVA)	20 / 25	36 / 45	56 / 70	75 / 94	95 / 120
Voltage Selection 3Ø	208 / 240 / 480	208 / 240 / 480	208 / 240 / 480	208 / 240 / 480	208 / 240 / 480
Amperage @ 208 / 240 / 480V 3Ø	69 / 60 / 30	125 / 108 / 54	166 / 166 / 84	225 / 220 / 112	308 / 285 / 142
Rated Prime Power 1Ø (kW/kVA)	16/16	27/ 27	40/40	53/53	74/74
Voltage Selection 1Ø	120/240	120/240	120/240	120/240	120/240
Amperage @ 120 /240V 1Ø	2 x 67	2 x 104	2 x 166	2 x 225	2 x 308
Sound Pressure Level @ 23' (7m) @ 75% Load - dB(A)	67	66	69	69	69
Receptacles*	2 @ 20A - 125V GFCI duplex; 2 @ 50A - 125/250V Twist-Lock				
Alternator Make	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer
Model	LSA40M5	LSA43.2S15	LSA43.2M45	LSA43.2L8	LSA44.2VS45
Degree of Protection / Insulation Class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	AREP	AREP	AREP	AREP	AREP
Engine Make	Isuzu	Isuzu	John Deere	John Deere	John Deere
Model	4LE2T	4LE2X	4045HFG92	4045HFG92	4045HFG93
Displacement - L	2.18	2.18	4.5	4.5	4.5
Cylinders	4	4	4	4	4
EPA Tier	T4F	T4F	iT4	iT4	iT4
HP	31.5	59	96	120	151
Rated Speed - rpm	1,800	1,800	1,800	1,800	1,800
Engine Speed Control	Electronic	Electronic	Electronic	Electronic	Electronic
Fuel Tank Capacity - gal. (L)	72.5 (274)	72.5 (274)	170 (643)	170 (643)	170 (643)
Fuel Consumption, GPH (LPH) @ 75% Load	1.4 (5.5)	2.15 (8.1)	3.2 (12.1)	4 (15)	5.5 (20.8)
Run Time @ 75% Load, Hours	45	30	53	42	30
Dimensions, Genset w/Trailer (L x W x H) - in.	121.5 x 57 x 75.5	121.5 x 57 x 75.5	176 x 78 x 80	176 x 78 x 80	176 x 78 x 80
Weight, Trailer Mounted (Wet) - lbs.	2,635	2,785	6,560	6,560	6,610
Dimensions, Skid Mount (L x W x H) - in.	75 x 34 x 54.5	75 x 34 x 54.5	112 x 44 x 67	112 x 44 x 67	112 x 44 x 67
Weight, Skid Mount (Wet) - lbs.	2,290	2,440	5,310	5,310	5,360

*GFCI outlets may have higher than 120VAC in certain settings

LIGHT TOWERS



LT V4 and V5+ Safe Light Towers

APT's HiLight V4 and V5+ self-powered light towers are easily transportable, robust, and durable. Four high-luminosity floodlights are supported with a heavy-duty manual mast, a tough impact-resistant enclosure, a spillage-free frame, and a dependable, efficient power train. With strong undercarriages and heavy-gauge bodies, APT portable light towers are easy and durable. Just pull one to the worksite and get busy.



Options

- Emergency stop button
- DC electric winch
- Engine block heaters
- Spark arrestor
- Colors available
- Ground connection
- LC 1003 digital controller with Photocell and weekly timer

Features

- Durable polyethylene enclosure
- Galvanized vertical mast with 5 sections extends to 25 ft. (7.5M)
- User-friendly controls and power panel:
 - Independent circuit breakers - hour meter, key switch
 - 120 VAC auxiliary power output
- 28-gal. (105 L) fuel tank for maximum run time

	AVAILABLE MID-2016	
LIGHT TOWERS	HiLight V4	HiLight V5+
POWER OUTPUT		
Floodlights	4 x Metal Halide	4 x LED
Wattage	4 x 1000W	4 x 350W
Luminosity	0.5 fc @ 7 acres (5.4 lm/m ² @ 28,328 m ²)	0.5 fc @ 7 acres (5.4 lm/m ² @ 28,328 m ²)
Luminous Flux	440,000 (4 x 110,000) lumens	154,000 (4 x 38,500) lumens
PERFORMANCE		
Rated Frequency - Hz	60	60
Rated Voltage - V	120	120
Rated Power (PRP) - kW	6.0	2.7
Operating Temp (Min./Max.) - °F/°C	14/120 (-10/49)	14/122 (-10/50)
dB(A) @ 23 ft.	73	63
ENGINE		
Model	Kubota Z482 EPA Tier 4	Kubota Z482 EPA Tier 4
Speed - rpm	3,600	1,800
Rated Net Output (PRP) - kW/hp	8.1 / 10.8	3 / 4.0
Coolant	Liquid-Cooled Diesel	Liquid-Cooled Diesel
Number of Cylinders	2	2
ALTERNATOR		
Model	Sincro EK 2 MCT	Mecc Alte LT75
Rated Output - kVA	7.5	4.5
Insulation	Class H	Class H/23
Enclosure Protection	23 IP	23 IP
CONSUMPTION		
Fuel Tank Capacity - gal. (L)	28 (105)	28 (105)
Run Hours Operating 4 Lamps	50	150
Battery	45 Ah, 390 CCA	45 Ah, 390 CCA
AUX POWER		
Aux Power MCCB - kW	2	2
MAST		
Vertical	5 Section	5 Section
Rotation	360°	360°
Winch Capacity - lbs.	2,500	3,500
Maximum Wind Speed - mph (kmh)	51 (80)	51 (80)
CONSTRUCTION		
Unibody Trailer	With 4-Point Leveling System	With 4-Point Leveling System
Tires	155R13	155R13
Tow Hitch	2-Inch Ball/Pintle Combo	2-Inch Ball/Pintle Combo
Frame	Fluid Containment and Drain Systems	Fluid Containment and Drain Systems
Enclosure	Gull-Wing Hard Doors	Gull-Wing Hard Doors
Dimensions in Transport - in. (m)	66 x 43 x 98 (1.67 x 1.10 x 2.50)	66 x 43 x 98 (1.67 x 1.10 x 2.50)
Dimensions in Operation - in. (cm)	114 x 91 x 296 (2.90 x 2.31 x 7.54)	114 x 91 x 296 (2.90 x 2.31 x 7.54)
Weight - lbs. (kg)	1,527 (694)	1,544 (702)

ASPHALT AND SOIL ROLLERS

APT Compact Asphalt Rollers and Soil Rollers

New APT asphalt and soil rollers are designed to increase productivity with reliable performance and low operating costs.

Top Performance

APT asphalt and soil rollers deliver unbeatable compaction performance and value in a variety of jobsite conditions.

Ergonomic Operator Platform

APT rollers enhance productivity by providing spacious operator platforms with ergonomically positioned controls and instruments. Simple and easy to operate, they are ideal for rental customers.

Minimum Service Required

Articulated steering features a maintenance-free steering hitch and steering cylinder to help reduce maintenance. Other service points such as the hydraulic fluid, engine oil, and fuel system filters, are easy to reach and change. And long service intervals mean less downtime.

APT 900G Asphalt Roller

Used primarily for small-scale compaction work including patching, bicycle paths, parking lots, and driveways. This model has vibration on the front drum and a static rear drum, with drive on both drums. Exclusive gasoline engine provides great fuel economy.

Features

- Shock mounts
- Sliding operator seat
- Easy transport
- Straightforward instrument panel
- Excellent accessibility and gradeability
- High curb clearance



APT 900G TANDEM ASPHALT ROLLER	
MASS	
Operating Mass (Incl. ROPS) - lbs.	2,760
Module Mass (Front/Rear) - lbs.	1,300 / 1,600
Max. Operating Mass - lbs.	3,300
DIMENSIONS	
Drum Width - in.	35
TRACTION	
Speed - mph	0-8
Vertical Oscillation	±13°
Theoretical Gradeability	35%
COMPACTION	
Static linear load (front/rear) - lbs./in.	37/46
Nominal Amplitude - in.	0.016
Vibration Frequency - vpm	4,200
Centrifugal Force - lbf	3,800
ENGINE	
Engine (4-Stroke Gasoline)	Honda GX630
Rated Power, SAE J1995	19 hp @ 3,000 rpm
HYDRAULIC SYSTEM	
Driving	Axial piston pump with variable displacement. Radial piston motors (2) with constant displacement.
Vibration	Gear Pump/Motors with Constant Displacement
Steering	Gear Pump with Constant Displacement
Service Brake	Hydrostatic in Forward and Reverse Lever
Parking/Emergency Brake	Failsafe Brake in Both Drums
CAPACITIES	
Fuel Tank Capacity - gal.	6
Water Tank Capacity - gal.	50



APT 1000 Asphalt Roller

The diesel-powered APT1000 is used for small-scale compaction jobs such as bicycle paths, small roads, and small parking areas – places that need compaction but are difficult to reach with a larger roller. Vibration and drive are standard on both front and rear drums.

Features

- Low-noise, high-power Kubota diesel engine
- Large drum diameter for ease of compaction
- Fast and easy loading
- Excellent accessibility and gradeability
- Thick drum shells offer a long service life
- Self-draining sprinkler nozzles prevent ice spikes, even in freezing weather



APT 1000

APT 1000 TANDEM ASPHALT ROLLER	
MASS	
Operating Mass (Incl. ROPS) - lbs.	3,715
Module Mass (Front/Rear) - lbs.	1,742/1,973
Max. Operating Mass - lbs.	3,858
DIMENSIONS	
Drum Width - in.	39.4
TRACTION	
Speed - mph	0-6
Vertical Oscillation	13°
Theoretical Gradeability	40%
COMPACTION	
Static Linear Load (Front/Rear) - lbs./in.	44/50
Nominal Amplitude - in.	0.014
Vibration Frequency - vpm	4,200
Centrifugal Force - lbf	3,822

APT 1000 TANDEM ASPHALT ROLLER	
ENGINE	
Water-Cooled Diesel	Kubota D1105-E4BT4f
Rated Power, SAE J1995	24 hp at 2,800 rpm
HYDRAULIC SYSTEM	
Driving	Axial piston pump with variable displacement and servo. 2 radial piston motors with constant displacement.
Vibration	Gear Pump/Motors with Constant Displacement
Steering	Gear Pump with Constant Displacement
Service Brake	Hydrostatic in Forward and Reverse Lever
Parking/Emergency Brake	Failsafe Brake in Both Drums
CAPACITIES	
Fuel Tank Capacity - gal.	6
Water Tank Capacity - gal.	30

ASPHALT AND SOIL ROLLERS



APT 1200

APT 1200 Asphalt Roller

The APT 1200 is designed for quiet operation in sensitive environments where size and noise are important. It's typically used for compaction on streets and roads in urban areas. Vibration and drive are standard on both front and rear drums.

Features

- Reliable electronic control with user-friendly control panel
- Low vibration and low noise
- High-power engine, large drum
- High curb clearance
- Non-clogging sprinkler nozzles
- Vibration shut-off on front and rear drums

APT 1200 TANDEM ASPHALT ROLLER

MASS

Operating Mass (Incl. ROPS) - lbs.	5,700
Module Mass (Front/Rear) - lbs.	2,800/2,900
Max. Operating Mass - lbs.	6,000

DIMENSIONS

Drum Width - in.	47
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TRACTION

Speed - mph	0-6
Vertical Oscillation	±13°
Theoretical Gradeability	43%

COMPACTION

Static Linear Load (front/rear) - lbs./in.	59/63
Nominal Amplitude - in.	0.020
Vibration Frequency - vpm	3,420/3,960
Centrifugal Force - lbf	6,070/8,170

ENGINE

Water-Cooled Diesel	Kubota V1703-MT4f
Rated Power, SAE J1995	25 hp @ 2600 rpm

HYDRAULIC SYSTEM

Driving	Axial piston pump with variable displacement. Radial piston motors (2) with constant displacement
Vibration	Gear Pump/Motors with Constant Displacement
Steering	Gear Pump with Constant Displacement
Service Brake	Hydrostatic in Forward and Reverse Lever
Parking/Emergency Brake	Failsafe Brake in Both Drums

CAPACITIES

Fuel Tank Capacity - gal.	13
Water Tank Capacity - gal.	42



APT 1300D

APT 1300D / APT 1300PD Vibratory Soil Roller

This vibratory soil roller is designed for compaction in pipe trenches, on road shoulders, and in cramped spaces where refilling work is required. The APT 1300s are also suitable for repair work on dams, power stations, parking lots, and airfields. The PD version is equipped with pads and a drum drive, making it suitable for the compaction of silt and clay soils.

VIBRATORY SOIL ROLLER	APT 1300D	APT 1300PD
MASS		
Model Type	Smooth Drum	Pad Foot Drum
Operating Mass (Incl. ROPS) - lbs.	10,600	10,500
Module Mass (Front/Rear) - lbs.	4,500/6,100	4,400/6,100
Max. Operating Mass - lbs.	11,700	11,500
DIMENSIONS		
Drum Width - in	54	54
TRACTION		
Speed - mph	0-4	0-4
Vertical Oscillation	±9°	±9°
Tire Size (8 ply)	12.5 x 20	12.5 x 20
Number of Pads	–	72
Pad Area - in ²	–	8.2
Theoretical Gradeability	55%	52%

Features

- Strong welded frame and thick drum shell yield long service life
- Automatic brake lock engages if the engine stops
- Optimum high amplitude allows for excellent compaction results
- World's first roller with cross-mounted engine for easy service and maintenance
- Small size with exceptional maneuverability, even on steep slopes

VIBRATORY SOIL ROLLER	APT 1300D	APT 1300PD
COMPACTION		
Static Linear Load (Front/Rear) - lbs./in.	73	–
Nominal Amplitude - in.	0.067	0.059
Vibration Frequency - vpm	2,100	2,100
Centrifugal Force - lbf	20,000	20,000
ENGINE		
Water-Cooled Diesel	Kubota V 3307 CR-TE4-T4f	Kubota V 3307 CR-TE4-T4f
Rated Power, SAE J1995	75 hp at 2,200 rpm	75 hp at 2,200 rpm
HYDRAULIC SYSTEM		
Driving	Axial piston pump with variable displacement. Radial piston motors with constant displacement.	
Vibration	Gear Pump/Motor with Constant Displacement	
Steering	Gear Pump with Constant Displacement	
Service Brake	Hydrostatic in Forward and Reverse Lever	
Parking/Emergency Brake	Failsafe Multidisc Brake in Rear Axle and Drum Motor	
CAPACITIES		
Fuel Tank Capacity - gal.	31	31

HANDHELD HYDRAULIC

Hammers and Breakers

APT hammers and breakers combine flexibility with hard-hitting power. The MH11 pick hammer is designed for horizontal work in renovation, demolition, and structural alterations, while the MH55 (medium-weight) and MH70 (heavy-duty) multipurpose breakers are ideal for road building and maintenance on asphalt, brickwork, frozen soil, or concrete.

Features

- Slim design for excellent line of sight to the working tool
- Quick-release couplings for fast connections
- No external side bolts or protruding parts
- High back pressure (HBP) models can be operated from the PTO outlet of most skid-steers
- Vibration-reduced (A) models offer the same breaking performance with additional operator comfort



PART NUMBER	MH11	MH55 HBP	MH55A HBP	MH70 HBP	MH70A HBP
Hex 7/8" x 3-1/4"	1801174777	-	-	-	-
Hex 1" x 4-1/4"	-	1801354788	1801354790	-	-
Hex 1-1/8" x 6"	-	1801354789	1801354791	1801364792	1801364793
Hex 1-1/4" x 6"	-	1801354778	1801354779	1801364780	1801364781

HAMMERS AND BREAKERS	MH11	MH55 HBP	MH55A HBP	MH70 HBP	MH70A HBP
Weight (Incl. Hoses) - lbs.	34	50	62	58	73
Length - in.	26	27	27	30	30
Oil Flow - gpm	5	5-8	5-8	5-8	5-8
Working Pressure - psi	1,160-1,450	1,668-1,885	1,668-1,885	1,668-1,885	1,668-1,885
Return Line Back Pressure - psi	145	508	508	508	508
Impact Rate (5 gpm) - bpm	2300	1500	1450	1350	1350
Impact Rate (8 gpm) - bpm	-	2100	2100	1750	1750
Impact Rate (10 gpm) - bpm	-	-	-	-	-
Vibration Level 3 Axes (ISO 28927) ³⁾	16.5	17.4	5.2	18.1	6
Sound Power Level Guaranteed - dB(A)	-	107	107	110	110
HTMA Class	C	C/D	C/D	C/D	C/D

Important: At delivery, MH11 is factory set to 5 gpm (EHTMA C). They can not be adjusted to a higher flow. MH55/MH55A and MH70/MH70A are supplied factory set to 8 gpm (EHTMA D). There is a plastic bag in the package with a label and restrictor nipple that should be mounted on the tank line (T) if there is a need for the breaker to be set to 5 gpm. The size of the orifice is stamped on the nipple.



APP 13



APP 18

Power Packs

APT hydraulic power packs provide a cost-effective, portable solution to power the tools you need when you need to get to work right away. Two people can lift a hydraulic power pack into a vehicle for transport from site to site, making it a convenient alternative to towing a large compressor.

Features

- Power On Demand (APP 13 AND APP 18 TWIN ONLY) automatically idles the engine when tool is not in use to save fuel
- Foldable handle and wheels for transport on site
- Thermostatically controlled oil cooler for fast warm-up
- Variable flow on/off valve for simple tool change and slow startup

POWER PACKS	APP 13	APP 18	APP 18 TWIN
PART NUMBER	1807011038	1807016052	1807016054
Engine	13 HP Honda Gasoline	18 HP B&S Vanguard Gasoline	18 HP B&S Vanguard Gasoline
Weight Including Oil - lbs.	201	260	270
Dimensions L x W x H - in.	29 x 24 x 28	31 x 24 x 27	29 x 28 x 28
Oil Flow - gpm	5-8	5-10	2 x 5 or 1 x 5-8
Max. Pressure - psi	2,200	2,200	2,200
Fuel Capacity - gal.	1.8	1.9	1.9
Power on Demand (POD)	YES	NO	YES
Oil Control: Engine Oil	YES	YES	YES
Electric Start	NO	YES	YES
Sound Power Level Guaranteed, Lw (2000/14/EC) ¹ dB(A)	101	101	101
Sound Pressure Level, Lp, r=1m (ISO 11203) ¹ dB(A)	89	89	89
EHTMA Class	C/D	C/D/E	C/D/E

¹Two 4-liter bottles of biodegradable hydraulic oil are included in the delivery of each power pack. Hose is not included.



AWP 2



AWP 3

Water Pumps

Rugged APT hydraulic submersible pumps deliver excellent performance for their size and weight. They're also tough enough to stand up to small stones and debris. These models are designed for continuous operation in applications such as pumping water out of building sites, flooded excavations or cellars.

Features

- Cooled and lubricated by hydraulic oil
- Can be left to run dry without damage
- Handles small stones and debris up to 2.5 in. (AWP3)

WATER PUMPS	AWP 2	AWP 3	EXTRA HOSE	2-INCH	3-INCH
PART NUMBER	1806101785	1806101786	PART NUMBER	3378002100	3378002101
Weight - lbs.	24	29	Length - in.	33	33
Width - in.	9	12	Connection - in.	2	3
Oil Flow - gpm	5	8	Weight - lbs.	7	8
Working Pressure - psi	1,450	2,030	Description	Snap-lock quick-release coupling, female	Snap-lock quick-release coupling, female
Max. Pressure - psi	2,500	2,500	33-ft. discharge hose with snap-lite coupler included in pump delivery.		
Pump Head Max. - ft.	82	105			
Pump Flow Max. - gal./min.	222	507			
Discharge - in.	2	3			
Solids Handling Up To - in.	3/8	2-1/2			
HTMA Type	C	D			

HANDHELD HYDRAULIC



MHC 5

Core Drill

Need to work in confined areas? The APT hydraulic core drill is the answer. It's so compact, you can drill holes of up to 8 inches freehand. This drill is ideal for installing drainage, sewer, and water pipes, as well as cable and ventilation ducts where large, deep holes are needed.

Features

- Easy-to-use tool designed for professional use
- Can be operated freehand or mounted in a drill stand
- Hydraulic control of drill torque helps reduce kickback
- Includes steel case for transport and storage

CORE DRILL	MHC 5
PART NUMBER	1806101787
Weight (Including Hoses) - lbs.	20
Service Weight - lbs.	29
Length (Without Drill) - in.	16
Oil Flow - gpm	5-8
Working Pressure - psi	1,160-2,495
Revolutions - rpm	600-900
Drill Diameter - in.	2-8
Thread Female (Drive)	1/2" BSP
Vibration Level 3 Axes (ISO 28927-5), 20 lpm m/s ²	3.1
HTMA Class	C/D

CORE DRILL ACCESSORIES		
DIAMOND CORE BITS	BIT SIZE - IN	PART NUMBER
Concrete & Brickwork	2- ⁷ / ₁₆	3378005061
Concrete & Brickwork	3- ¹ / ₄	3378005062
Concrete & Brickwork	4	3378005063
Concrete & Brickwork	4- ³ / ₈	3378005064
Concrete & Brickwork	5- ¹ / ₄	3378005065
Concrete & Brickwork	6	3378005066
Concrete & Brickwork	6- ³ / ₈	3378005067
Concrete & Brickwork	8	3378005068



MHS 16

Cut-Off Saw

With the right blade, the lightweight, compact APT cut-off saw packs enough raw power to cut through concrete, asphalt, and steel. It's also easy to use – even in demanding conditions – thanks to the open cutting face design.

Features

- Simple, direct-drive configuration for low maintenance compared to belt-driven saws
- Water kit is available to supply cooling water if required

CUT-OFF SAW	MHS 14	MHS 16
PART NUMBER	1809016790	1809016784
Weight (Including Hoses) - lbs.	26	29
Service Weight (Including Disc) - lbs.	30	33
Oil Flow - gpm	5-8	5-10
Max. Pressure - psi	2,500	2,500
Revolutions - rpm	2,500-4,000	2,000-4,000
Circumferential Speed - ft/s	151-246	138-279
Blade Size - in.	14	16
Arbor Hole Diameter - in.	1	1
Cutting Depth When Used Handheld - in.	5	6
HTMA Class	C/D	C/D/E

DIAMOND DISCS	CONCRETE DIAMOND DISC		ASPHALT DIAMOND DISC	
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
PART NUMBER	3378005057	3371809727	3378005058	3371809726
Blade Size - in.	14	16	14	16
Arbor Hole Diameter - in.	1	1	1	1
Weight - lbs.	3.5	5	3.5	5
Comments	Cutting concrete and concrete reinforcement		Cutting asphalt	

HANDHELD HYDRAULIC



Post Drivers

From soft soil to hard asphalt, APT post drivers give you plenty of power to drive down posts with little effort. Impressive blow force helps you keep working productively so you can finish the job faster. These models are designed for driving posts or rods for fences, road signs, crash barriers, tent anchors, and other applications.

Features

- Lightweight, high-frequency driver (MDR 30) has a built-in trigger handle for fast driving of small-diameter rods, anchors, stakes, etc.
- All-around driver (MDR 75) is effective for post driving, anchoring, and fencing, as well as steel or wood posts
- RV version (MDR 75 RV HBP) has an on/off valve mounted at the end of a 6.5 ft. long tail hose for remote operation on long poles



POST DRIVERS	MDR 30	MDR 75 T	MDR 75 RV
PART NUMBER	1801394009	1801404004	1801405004
Activation Type	By Trigger Lever	By Trigger Lever	By Remote Valve
Hydraulic System	Open Center	Open Center	Open or Closed Center
Weight (Incl. Hoses) - lbs.	38	75	76
Oil Flow - gpm	5	8	8
Working Pressure - psi	1,160-1,450	1,500-2,000	1,500-2,000
Impact Rate at 30 l/min - blows/min	2,300	1,680	1,680
Hydraulic Ports	1/2" BSP	1/2" BSP	1/2" BSP
Vibration Level 3 Axes (ISO 28927-10) ¹⁾ m/s ²	17.5	12.8	12.8
Sound Pressure Level (ISO 11203) ¹⁾ Lp, r=1m	102	102	102
EHTMA Class	C	C/D	C/D

POST DRIVER ACCESSORIES			
DESCRIPTION	MODEL	PART NUMBER	SIZE
Adaptors for MDR 30	Round	3371806056	ID 5/8" ground rods & spikes
	Round	3371806057	ID 1" ground rods & spikes
	Round	3371806058	ID 2.44" tubes, poles, fence stakes, etc.
	T Post Adaptor	9753249000	ID 2 1/8"
Adaptors for MDR 75 T and MDR 75 RV HBP	Universal	3371806033	2 1/2"
	Round	3371806034	3.75"
	Round	3371806060	4.0"
	Square 54 mm	3371806032	2"
	Male Cap for Hollow Post	9246929578	3.75" x 2.50"
	Female Round Cap	9246929845	3.75" x 3.50"
Telescoping T Post Adaptor	9753231041	2-1/8" ID for T posts	



Accessories

OIL-FLOW DIVIDER*	OFD 5 (1801163321)	OFD 8 (1801164319)
Max. Oil Flow Rate - gal./min.	16	32
Regulated Oil Flow Rate - gal./min.	5 ¹	8 ²
EHTMA Class	C	D

¹ Can be adjusted between 20-25 l/min

² Can be adjusted between 25-38 l/min

* An extension hose is required to connect the divider to the tool.

POWER PACK BIO OIL		
PART NUMBER	3371807751	
Oil Volume - gal.	1	
EXT. TWIN HOSE		
PART NUMBER	3371801087	3371801089
Length - ft.	23	39
Coupling** Dimension - in.	1/2	1/2
EHTMA Class	C/D	C/D



**When using with power packs or external source with low flow valve.

FREIGHT POLICY (Subject to change without notice 1-01-16)

Handheld Air Tools, Parts & Accessories:

1. Free freight on complete tool orders of \$3,500 or more.
2. Freight prepaid & added to your invoice or charged to your freight account for complete tool orders less than \$3,500.
3. Freight prepaid & added to your invoice or charged to your freight account for all parts & accessories.

Handheld Hydraulic Tools:

1. Free freight on combination of 4 or more complete tools and/or power packs.
2. Freight prepaid & added to your invoice or charged to your freight account for complete tool orders less than 4 tools and/or power packs.

Portable Compressors:

1. \$1,700 per full truck load:
 - a. 90's = 9 per truck for Trailer Mount
 - b. 185's = 9 per truck for Trailer Mount
 - c. 185's = 10 per truck for Box, Skid & Support Mount
 - d. 400's = 5 per truck for all mounts
2. \$750 per unit less than full truck for 90's, 185's and 400's

Mounted Hydraulic Breakers:

3% of invoice

Portable Generators:

1. \$1,700 per full truck load:

APT #	TRAILER	SKID
APTG 25	5	6
APTG 45	4	4
APTG 70	3	3
APTG 90	3	3
APTG 120	3	3

2. \$750 per unit less than full truck

Light Compaction:

1. Free freight on 5 or more units of Rammers and/or Forward Plates.
2. 5% of invoice:
 - a. Less than 5 units of Rammers and/or Forward Plates
 - b. Reversible Plates, Trench Rollers, Double Drum Rollers

Light Towers:

1. \$1,700 per truck load (16+ units).
2. \$750 total charge for 1 to 3 units.

Ride-on Rollers:

3% of invoice

Steel:

1. Free freight on stock orders of \$1,000 or more.
2. Orders weighing less than 150 lbs. will be shipped as a **Small Package** FedEx or UPS and freight will be prepaid & added or charged to your freight account.
3. Please see our comprehensive Freight Policy in our current **Handheld Tool Steel Catalog** for Small Package Zoned Freight Rates.

Parts & Accessories Shipping from Charlotte, NC:

1. This applies to all Parts & Accessories shipped from a location other than our Santa Ana, CA, facility.

ORDER AMOUNT		SHIPPING/HANDLING	
FROM	TO	SHOP ONLINE	PHONE/FAX/EMAIL
Less than	\$100	\$10	\$16
\$100	\$249	\$15	\$24
\$250	\$499	\$20	\$30
\$500	\$999	\$30	\$40
\$1,000	\$9,999	3% of Net	5% of Net
\$10,000	and up	2% of Net	4% of Net

General:

Free freight is valid only when shipped via the carrier of our choice to one destination in the continental United States. Free freight is valid only when shipped via the carrier of our choice to one destination in the continental United States. Split shipments and shipments to Alaska, Canada, Hawaii, Mexico, and Puerto Rico, or any other international destination, may incur additional charges and are shipped via a carrier of our choice.



RETURNED MATERIALS POLICY

Return shipment of new merchandise will be accepted and credit will be allowed subject to the following provisions:

A Returned Materials Authorization (RMA) number must be assigned by Mining, Rock Excavation and Construction LLC prior to shipment. This RMA number must be prominently displayed on the package. Packages with no RMA number may be refused. Mining, Rock Excavation and Construction LLC reserves the right to accept or reject credit for returned goods.

- a. Service parts being returned must be listed as currently supplied on the price list at the time of return. Obsolete and discontinued parts cannot be returned.
- b. Service parts must be in new and resalable condition, in the original package (when applicable), with part numbers clearly marked.
- c. Items returned must be accompanied by their original invoice or the invoice number and date as well as a description of the items being returned. Mining, Rock Excavation and Construction LLC shall have the sole determination of whether or not items are "current," "unused," and "undamaged," and whether or not the proper invoices or invoice numbers and dates have been provided.
- d. Special-order items are not returnable for credit.
- e. Credit on returned goods will be issued at purchase price or current price, whichever is lower, less a 20% restocking charge.
- f. Any return must be accompanied by an offsetting order for new merchandise in an amount at least equal to the net value of the credit or greater.
- g. All returned shipments will be made to Mining, Rock Excavation and Construction LLC's designated receiving point, freight prepaid at the sender's expense.

GENERAL WARRANTY CONDITIONS & LIMITATIONS ON LIABILITY

Pneumatic Products Warranty

APT warrants its products to the original purchaser to be free from defective materials and workmanship. The liability of APT is limited to the replacement of any part(s) which are judged to be defective in materials and/or workmanship by APT, provided APT is notified of the suspect part within the warranty period after receipt of the product by the original purchaser. Does not include wear items. This warranty entitles the original purchaser to have the warranted parts and labor rendered at no cost during this warranty period when the product is delivered prepaid to the APT facility in Santa Ana, California. This warranty does not apply to products which APT judges to have been misused, modified or repaired by parties other than APT personnel. This warranty does not apply to tools that have been improperly maintained by the user or when the malfunction or defect can be attributed to the use of parts that are not genuine APT OEM repair parts.

Additional APT Products Warranty

- 1.1 Mining, Rock Excavation and Construction LLC warrants its new equipment against failure due to faulty material or workmanship for a period of twelve (12) months from the date of purchase of said machine, excluding expendable wear parts. To facilitate warranty claims processing, please return the completed warranty card within thirty (30) days of purchase.
- 1.2 Should any failure under this warranty occur during the specified period under normal and proper use, and provided the equipment has been properly serviced, maintained, and stored with due regard to any directions, instructions, and operating procedures published by Mining, Rock Excavation and Construction LLC, Mining, Rock Excavation and Construction LLC shall, if given prompt notice by purchaser, through its authorized servicing facility, correct such non-conformity at its option either by repair or adjustment, F.O.B. nearest service facility, or refund the purchase price of the non-conforming equipment or part. The return of the equipment or part to Mining, Rock Excavation and Construction LLC, pursuant to this paragraph, shall be at the purchaser's risk and expense. Mining, Rock Excavation and Construction LLC will return unit to the purchaser at Mining, Rock Excavation and Construction LLC's expense. To be eligible for credit or replacement, warranty parts must be returned to Mining, Rock Excavation and Construction LLC within 30 days of the original claim.
- 1.3 Mining, Rock Excavation and Construction LLC warrants parts repaired or replaced pursuant to 1.2 above under normal and proper use, storage, service, and maintenance against defects in workmanship and material for a period of thirty (30) days from date of repair or adjustment or the expiration of the equipment warranty, whichever is longer.
- 1.4 The foregoing warranties do not apply to defects in equipment or parts caused by materials provided by the purchaser or by redesigns made by the purchaser or by repairs or alterations not authorized by Mining, Rock Excavation and Construction LLC.
- 1.5 THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY, WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE ARE HEREBY DISCLAIMED.
- 1.6 Correction of non-conformities as provided for above shall be purchasers' exclusive remedy and shall constitute fulfillment of all liabilities of Mining, Rock Excavation and Construction LLC whether in warranty, contract, negligence, tort or otherwise. Mining, Rock Excavation and Construction LLC shall not be liable for any damages which a purchaser may claim arising from loss of profits or revenue, loss of use of the equipment or parts, cost of capital, cost of substitute equipment or parts, downtime costs, or claims of customers for such other damages.
- 1.7 Mining, Rock Excavation and Construction LLC reserves the right to amend this warranty policy at any time with thirty (30) days written notification, but said changes will not affect previously sold equipment, parts or tools.

Terms and Conditions of Sale

1. General. As used herein, "Seller" means Mining, Rock Excavation and Construction LLC or its applicable division which is offering or supplying any equipment, machine, part, accessory, item, and/or service ("Products") to Buyer. "Buyer" means the entity to which Seller's offer is made, or the entity purchasing Products from Seller. This Terms and Conditions of Sale document is hereinafter referred to as "these Terms." **Seller's sale of any Products is expressly conditioned on Buyer's assent to these Terms. Any acceptance of Seller's offer is expressly limited to acceptance of these Terms. Any terms or conditions (previously, contemporaneously, or hereafter) provided by Buyer which add to, vary from, or conflict with these Terms are hereby expressly objected to.** In the event a separate written agreement covering terms and conditions has been negotiated and mutually signed by authorized representatives of Buyer and Seller, and such agreement is applicable and in effect, it shall take precedence (to the extent of conflicts) and the terms and conditions set forth in these Terms will be supplemental to those of such agreement. All orders submitted to Seller are received subject to approval or rejection by Seller at its headquarters.

2. Delivery Inspection. Unless specifically agreed otherwise by Seller and Buyer in writing with respect to the particular Product ordered, Products manufactured, assembled or warehoused in the continental U.S. are delivered F.O.B. shipping point of origin, and Products shipped from outside the continental U.S. are delivered F.O.B. point of entry. Where the scheduled delivery of Products is delayed by Buyer, or by a force majeure event described in Section 8 ("Force Majeure") below, Seller may store the Products at the expense and risk of Buyer. Shipping dates/periods (whether indicated as a range of weeks or otherwise) are approximate only, and are among other things based upon timely receipt of all necessary information and approvals. Seller reserves the right to deliver in installments. Notwithstanding any agreement with respect to delivery terms or payment of transportation charges, the risk of loss or damage shall pass to Buyer and delivery shall be deemed to be complete upon delivery to a private or common carrier or upon moving into storage, whichever occurs first, at the point of shipment for Products assembled, manufactured or warehoused in the continental U.S. or at the point of entry for Products shipped from outside the continental U.S. Buyer shall inspect the Product immediately upon delivery. If Buyer fails to notify Seller in writing within ten days (or within another time period specifically agreed upon by Seller and Buyer in writing) of receiving the Product of any alleged shortage, damage, or other nonconformity with respect to the Product, the Product shall conclusively be deemed to have been irrevocably accepted by Buyer.

3. Security Interest. Seller reserves and retains a security interest in the delivered Product and the proceeds thereof until Buyer has paid Seller the full price. Seller shall have the rights and remedies of a secured party under the Uniform Commercial Code. Buyer authorizes Seller to file UCC financing statements (with or without Buyer's signature appearing thereon, to the extent permitted by law) and to do any other lawful act or thing necessary or useful in perfecting Seller's security interest in the Product, and Buyer agrees to execute any and all documents required to be executed on its part to perfect said security interest.

4. Prices, Taxes. Unless specified otherwise by Seller in its written quotation, all prices are stated in U.S. dollars, and all invoices issued by Seller and payments made by Buyer shall be in U.S. dollars. **Taxes:** The price does not include any tax or any other governmental charges, unless the price indicated by Seller specifically lists such tax or governmental charge as a line item. Buyer is responsible for any and all applicable taxes and governmental charges (except any taxes on Seller's income). Seller will accept a valid exemption certificate from Buyer, if applicable.

5. Payment. Unless specified otherwise by Seller in its written quotation, the payment terms are Net 30 Days after the date of Seller's invoice. Invoices shall be paid in full and Buyer shall not be entitled to deduct, set-off or to withhold payment. If Buyer fails to pay any invoice when due, Seller may exercise all available remedies to it, including under the Uniform Commercial Code, and may withhold delivery until receipt of payment or satisfactory security. Seller reserves the right to require payment in advance or C.O.D. and otherwise to modify credit terms. A service charge of the lesser of 1% per month or the highest rate permitted by law may be charged on all overdue amounts. Payment terms are subject to credit approval. If, in the sole judgment of Seller, the financial condition of Buyer does not justify the terms of payment specified, Seller may require payment in advance or cancel any outstanding order, in which event Seller is entitled to reasonable cancellation charges. Should manufacture be delayed by Buyer, pro rata payments will become due to the extent required by Seller's contract with the manufacturer. Buyer shall be responsible for Seller's reasonable attorneys' fees/collection costs relating to overdue amounts.

6. Buyer's Cancellation of Orders. Buyer shall have no right to cancel a Product order (or a part of the order) unless Seller, at its sole discretion, agrees in writing that the specific order (or the part of the order) may be cancelled and Buyer pays cancellation charges. The cancellation charges may include, among other things, all costs and expenses incurred, and to cover commitments made, by Seller. In no event will the cancellation fee exceed the Product's purchase price.

7. Returns. Buyer shall have no right to return any Product unless Seller, at its sole discretion, agrees in writing that the specific Product may be returned. If Seller agrees that Buyer may return the Product, Seller will issue a Return Material Authorization number to Buyer, and Buyer must include such Return Material Authorization number with the return. Any such returned Product must be in new condition, with complete identification, shipped freight prepaid by Buyer, in accordance with Seller's instructions and is subject to a restocking charge.

8. Force Majeure. Seller shall not be liable for loss, damage or delay from causes beyond its reasonable control, including from fire, strike or other concerted action of workmen, act or omission of any governmental authority, compliance with import or export regulations, insurrection or riot, embargo,

delays or shortages in transportation, or inability to obtain necessary engineering talent, labor, materials, or manufacturing facilities from usual sources. In the event of delay due to any of these causes, the date of delivery will be postponed by the length of time reasonably necessary to compensate for the delay.

9. Warranty. Seller warrants to Buyer that any and all Seller-manufactured (or affiliate-manufactured) Products delivered to Buyer hereunder are delivered free of defects in workmanship and material. Unless specified otherwise by Seller in its written quotation with respect to the particular Product's warranty period, the warranty shall expire at the happening of the applicable number of months or hours of operation (whichever comes first) as indicated in more detail in Seller's applicable warranty statement document. The warranty statement document is attached hereto or available at request. Should any failure to conform to the warranty be discovered during the applicable warranty period, Seller (or a third party designated by Seller to perform the specific warranty job) will repair or (at Seller's option) replace the defective Product, subject to Seller's applicable warranty statement. At Seller's sole discretion, Seller may elect (as determined by an executive officer of Seller at its headquarters) to take back any defective Product and refund or credit monies paid to Seller for such defective Product less a reasonable allowance for use, in lieu of repair or replacement. Seller will determine at its sole discretion which of the above-mentioned options (repair, replace, refund, or credit) Seller will take regarding the defective Product. Consumables/wear items are expressly excluded from the warranty. Equipment/machinery/components/accessories/parts/items sold by Seller but not manufactured by Seller or by an affiliate are not warranted by Seller and shall carry whatever warranty (if any) which the manufacturer has conveyed to Seller to the extent it can be passed on to Buyer. No warranty, either expressed or implied, is provided by Seller on any such equipment/machinery/components/accessories/parts/items not manufactured by Seller or by an affiliate. Any and all USED PRODUCTS ARE SOLD AS-IS, with no warranty of any kind (whether express, implied or otherwise), except for implied warranty of title. Any services performed by Seller are warranted to be performed in a workmanlike manner; this warranty shall expire 30 days after the particular service is performed. If any nonconformity with this service warranty is discovered within the 30-day warranty period, the exclusive obligation of Seller shall be to re-perform the nonconforming portion of the service in a conforming manner or provide a refund or credit. Seller will determine at its sole discretion which of the above-mentioned options (re-performance, refund, or credit) Seller will take regarding the nonconforming service. Warranty repair or replacement or re-performed service shall not extend or renew the original warranty period; such Products or parts or service shall remain under warranty only for the unexpired portion of the original warranty period. See Seller's applicable warranty statement for more information.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES (WRITTEN, ORAL, IMPLIED, OR OTHERWISE), AND ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED. CORRECTION OF NONCONFORMITIES (i.e., repair or replacement or refund or credit, all at Seller's option, of Products that do not conform to the Product warranty above, and re-performance or refund or credit, all at Seller's option, of service that does not conform to the service warranty above) IN THE MANNER AND WITHIN THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE PROVIDES THE EXCLUSIVE REMEDIES WITH RESPECT TO THE QUALITY OF OR ANY DEFECT IN PRODUCTS OR SERVICES DELIVERED OR PERFORMED HEREUNDER.

10. Confidentiality. In connection with the order/contract and/or performance hereunder, Seller and Buyer (as to information disclosed, the "Disclosing Party") may each disclose Confidential Information to the other party hereto (the "Receiving Party"). "Confidential Information" shall mean all information related to the business, products, or services of the Disclosing Party that is not generally known to the public, and all pricing and terms of the contract, provided that the obligations of this paragraph shall not apply as to any portion of the Confidential Information which: (i) is or becomes generally available to the public other than as a result of disclosure by the Receiving Party, its representatives or its affiliates, or (ii) has been or is subsequently independently developed by the Receiving Party, its representatives or affiliates, without reference to the Confidential Information, or (iii) is required to be disclosed by law or valid legal process provided that the Receiving Party who intends to make such disclosure shall promptly notify the Disclosing Party in advance of such disclosure and reasonably cooperate in attempts to maintain the confidentiality of the Confidential Information. The Receiving Party agrees, except as otherwise required by law: (i) to use the Confidential Information only as the Disclosing Party intended it to be used by the Receiving Party in connection with providing or receiving the Product, and (ii) to take reasonable measures to prevent disclosure of the Confidential Information, except disclosure to its employees to the extent necessary to facilitate providing or receiving Products. Upon the Disclosing Party's request, the Receiving Party shall destroy or return to Disclosing Party all copies of Confidential Information. If either party or any of their respective affiliates or representatives is required or requested by subpoena, interrogatories, or similar legal process to disclose any Confidential Information, such party agrees to provide the Disclosing Party with prompt written notice of such request, so that the Disclosing Party may seek an appropriate protective order or waive compliance by the Receiving Party with the provisions herein. It is understood and agreed that this Section 10 survives any expiration/termination of the contract.

11. Intellectual Property. As between Seller and Buyer, Seller shall retain and own any and all patents, copyright, trademarks, trade secrets, and other intellectual property embodied in or associated with the Product. Without limiting the generality of the foregoing, Seller shall retain and own all right, title and interest in and to all inventions, discoveries, know-how, works of authorship, drawings, designs, processes, and ideas developed, discovered or conceived by Seller or its employees in connection with the manufacture of the ordered Products. No drawings, designs, or anything else provided by Seller shall be deemed to be "work made for hire" as that term is used in connection with the U.S. Copyright Act.



Terms and Conditions of Sale (cont.)

12. Software. In the event the Product contains or otherwise includes software, the software shall remain the proprietary property of Seller (and/or its affiliates or other third parties who are Seller's licensors, if applicable), and in no event shall title thereto be sold or transferred to Buyer. In the event a Product supplied hereunder contains or otherwise includes software, the following shall apply: (i) subject to Buyer complying with these Terms, Buyer is granted a non-exclusive, non-transferable license to properly use the software in machine-readable object code form only; (ii) any license so granted is limited to the proper use of the Product containing the software only in the manner authorized by Seller; and (iii) Buyer shall not sublicense the software to any other entity nor assign its license rights. Notwithstanding the above, in the event Buyer transfers (in compliance with any and all applicable laws and regulations) title to any Product containing the software, the license granted hereby shall transfer to Buyer's transferee. Any license granted hereunder shall continue: (i) until terminated in accordance with this agreement, or, (ii) for the useful life of the Product in which the software is embedded or is otherwise an integral part, or, (iii) for the useful life of the software, whichever is shorter. Any modification, alteration, or removal or unauthorized use of the software constitute a breach of this agreement and shall automatically terminate any license granted hereby. Buyer shall not (and shall not permit any third party to) create derivative works based on the software, or reverse engineer, or disassemble or decompile the software, or transfer, copy, or modify, the software. In the event a separate written applicable Seller-provided Software License is provided with the Product, specified in Seller's quotation, and/or otherwise communicated to Buyer, then the software shall be governed, in order of precedence, by the terms of the separate Software License and then by any non-conflicting terms hereof.

13. Intellectual Property Indemnity. Seller shall defend or at its option settle any suit or proceeding by any third party brought against Buyer in so far as it is based on an allegation that any Product (provided by Seller to Buyer) constitutes an infringement of any United States patent, copyright, or trademark. Seller will pay the damages and costs awarded in any suit or proceeding so defended. Seller's obligations in this paragraph are conditioned upon Buyer promptly (i) notifying Seller in writing of the third party's claim; (ii) giving Seller full authority to control the defense and settlement of the suit or proceeding; and (iii) providing Seller with full information and reasonable assistance at Seller's expense. Seller shall ensure that no such settlement intending to bind Buyer shall be entered into without Buyer's prior written consent, which consent shall not be unreasonably withheld or delayed. In case the Product (or any portion thereof) as a result of any suit or proceeding so defended is held to constitute infringement or its use by Buyer is enjoined, Seller will, at Seller's option and expense: (i) procure for Buyer the right to continue using the Product; (ii) replace the Product with substantially equivalent non-infringing Product; (iii) modify the Product so it becomes non-infringing; or (iv) take back the Product and refund or credit monies paid by Buyer to Seller for such Product less a reasonable allowance for use. Seller will have no duty or obligation to Buyer under this paragraph to the extent that the Product is (i) supplied according to Buyer's design or instructions wherein compliance therewith has caused Seller to deviate from Seller's normal designs or specifications, (ii) modified, (iii) combined with items, systems, methods, or processes not furnished by Seller and by reason of said design, instruction, modification, or combination a claim is brought against Buyer. If by reason of such design, instruction, modification or combination, a claim is brought against Seller or its affiliate, Buyer shall protect Seller and its affiliate in the same manner and to the same extent that Seller has agreed to protect Buyer under the provisions above in this paragraph. **THIS SECTION 13 STATES SELLER'S AND ITS AFFILIATES' EXCLUSIVE LIABILITY FOR INFRINGEMENT OF ANY THIRD PARTY'S PATENT, COPYRIGHT AND/OR TRADEMARK.**

14. Export Control, and Foreign Corrupt Practices Act. Products, technical data, technology, software, and services provided by Seller to Buyer shall at all times be subject to any and all applicable export control laws and regulations, including but not limited to applicable U.S. Export Administration Regulations, United Nations resolutions, and European Union directives relating to trade embargoes and restrictions. Buyer agrees and warrants that no Product, items, equipment, materials, services, technical data, technology, software or other technical information or assistance furnished by Seller, or any good or product resulting therefrom, shall be exported or re-exported by Buyer or its authorized transferees, if any, directly or indirectly, in violation of any law or regulation. Buyer agrees and warrants that Buyer shall not violate or cause Seller to violate the U.S. Foreign Corrupt Practices Act of 1977 (as amended), in connection with any sale of the Products. If Buyer breaches any obligation in this Section 14, Buyer shall indemnify Seller from all expenses, liabilities, sanctions, and fines arising from such breach.

15. Limitation of Liability. **NOTWITHSTANDING ANYTHING ELSE, THE TOTAL LIABILITY, IN THE AGGREGATE, OF SELLER ARISING OUT OF, RELATED TO, OR RESULTING FROM THE ORDER OR CONTRACT OR THE PERFORMANCE OR BREACH THEREOF, OR THE DESIGN, MANUFACTURE, SALE, DELIVERY, RESALE, REPAIR, REPLACEMENT, INSTALLATION, TECHNICAL DIRECTION OF INSTALLATION, INSPECTION, SERVICE, OPERATION OR USE OF ANY PRODUCT OR SERVICE SHALL BE LIMITED TO THE ACTUAL PURCHASE PRICE AMOUNT PAID BY BUYER TO SELLER FOR THE SPECIFIC PRODUCT/SERVICE GIVING RISE TO THE CLAIM (REGARDLESS OF WHETHER DAMAGES ARE CHARACTERIZED AS ARISING OUT OF BREACH OF WARRANTY, TORT, CONTRACT, OR OTHERWISE).** For purposes of this Section 15, the term "Seller" means Seller, its affiliates, suppliers, and subcontractors, and their respective employees/agents.

16. No Consequential Damages, etc. **NOTWITHSTANDING ANYTHING ELSE, UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL, OR SPECIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR REVENUE, LOSS OF TOTAL OR PARTIAL USE OF THE PRODUCTS OR SERVICES, DOWNTIME COSTS, AND DELAY COST) EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR IF SUCH DAMAGES ARE FORESEEABLE AND EVEN IF ANY OF THE LIMITED REMEDIES IN THIS AGREEMENT FAIL OF THEIR ESSENTIAL PURPOSE (REGARDLESS OF**

WHETHER DAMAGES ARE CHARACTERIZED AS ARISING OUT OF BREACH OF WARRANTY, TORT, CONTRACT, OR OTHERWISE). For purposes of this Section 16, the term "Seller" means Seller, its affiliates, suppliers, and subcontractors, and their respective employees/agents.

17. U.S. Government Contracts. If the Products are to be used in the performance of a U.S. Government contract or subcontract, Buyer expressly agrees to notify Seller in writing in connection with Buyer's order. Further, if the Products are to be used in the performance of a U.S. Government contract or subcontract, only those clauses of the applicable U.S. Government procurement regulations which are mandatorily required by federal statute to be included in this contract shall be incorporated herein by reference.

18. Equal Employment Opportunity Requirements. **If applicable to this agreement, Seller and Buyer shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a), and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.**

19. Miscellaneous. **19.1.** Typographical and/or clerical errors in Seller's quotations are subject to Seller's correction. **19.2.** Buyer's issuance of a purchase order or Buyer's receipt of the Product from Seller shall (without prejudice to any other manner in which acceptance of these Terms may be evidenced) constitute full acceptance of these Terms. **19.3. THESE TERMS CONTAIN THE ENTIRE AGREEMENT BETWEEN SELLER AND BUYER WITH RESPECT TO TERMS AND CONDITIONS AND SUPERSEDE ALL PREVIOUS OR CONTEMPORANEOUS STATEMENTS, AGREEMENTS, AND REPRESENTATIONS WITH RESPECT TO TERMS AND CONDITIONS.** This agreement cannot be superseded, amended, or modified except by an applicable negotiated agreement signed in handwriting by an authorized sales manager of Seller and an authorized representative of Buyer containing terms and conditions substantially similar to the terms and conditions of these Terms. Any purchase order issued by Buyer to Seller is for Buyer's internal purposes and no term or condition stated in such document shall modify these Terms. Seller's execution of any document issued by Buyer shall constitute only an acknowledgment of receipt thereof, and shall not be construed as an acceptance of any of the terms or conditions therein that differ from, conflict with, or add to these Terms. **19.4.** Neither party shall assign or transfer the contract without the prior written consent of the other party (which consent shall not be unreasonably withheld); any purported assignment in violation of this sentence shall be void. Irrespective of the foregoing, Seller may without consent assign the contract (or any of rights or obligations hereunder) to any of its affiliates and/or use sub-contractors. **19.5.** The provisions of these Terms are severable and the invalidity or unenforceability of any provision hereof shall not affect the validity or enforceability of any other provision. **19.6.** Neither party's failure to enforce, or its waiver of a breach of, any provision contained in these Terms shall constitute a waiver of any other breach or of such provision. **19.7.** All headings, captions and numbering in this document are for convenience of reference only and shall not be used to interpret any meaning of any terms or condition. **19.8.** The validity, performance, and all other matters arising out of or relating to the interpretation and effect of these Terms and/or the contract shall be governed by and construed in accordance with the internal laws of the U.S. State in which Seller's applicable sales or service facility is located without giving effect to any choice or conflict of law provision or rule (whether in such State or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than those of such State. **19.9.** Seller and Buyer expressly agree that the United Nations Convention on International Sale of Goods shall not apply. **19.10.** The parties are independent contractors under this Agreement and no other relationship is intended including, without limitation, any partnership, franchise, joint venture, agency, employer/employee, fiduciary, master/servant relationship, or any other special relationship. **19.11.** All rights and obligations contained in these Terms, which by their nature or effect are required or intended to be kept, observed, or performed after the termination or expiration of the order/contract will survive and remain binding upon and for the benefit of the parties, their successors, and permitted assigns.

Mining, Rock Excavation and Construction LLC

APT PRODUCTS

Handheld Pneumatic

- Paving Breakers**
- Rock Drills**
- Clay/Trench Diggers**
- Rivet Busters/Demolition Tools**
- Chipping Hammers**
- Backfill Tampers**
- Needle Scalars**
- Accessories**

Light Compaction

- Walk-Behind Roller**
- Reversible Plate Compactors**
- Forward Plate Compactors**
- Rammer Tampers**

Rig Tools

- Hydraulic Breakers**

Power

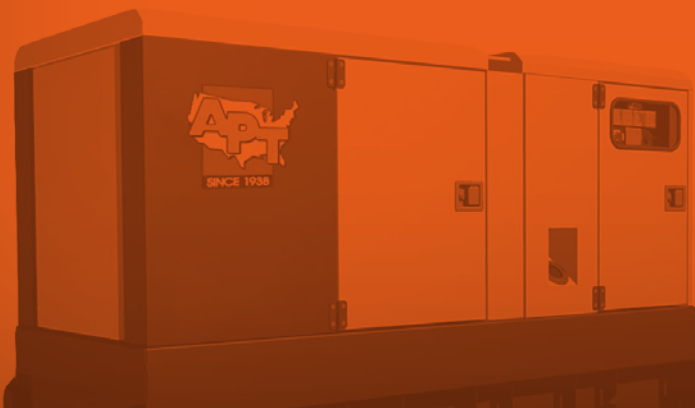
- Compressors**
- Generators**
- Light Towers**

Ride-on Rollers

- Asphalt Rollers**
- Soil Rollers**

Handheld Hydraulic

- Breakers and Hammers**
- Power Packs**
- Water Pumps**
- Core Drill**
- Cut-off Saw**
- Post Drivers**
- Accessories**



AMERICAN PNEUMATIC TOOLS

1000 S. Grand Ave.
Santa Ana, CA 92705

Tel 714.285.2828 | Fax 714.285.2829
Toll Free Tel 800.532.7402 | Fax 800.715.6502

Proven Power. Rugged Reliability.

BUILT TO LAST SINCE 1938

www.apr-tools.com | 800.532.7402

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