RETAIL PRICE* WOOD COLOR

\$190 walnut (4 woods) \$243 (9 irons) \$243 (9 irons) \$288 (9 irons) \$331 blue \$428 black \$286 (8 irons, gold oak 4 woods) \$499 ebony

brown

persimmon

midnight

blue

(Apex) \$576 (Legend) \$519 (Apex) \$591 (Legend) \$534 (8 irons, 4 woods) \$592

ebony \$58/each natural

\$480 natural \$480 natural

\$200 black (Ping, steel) \$260 (super-light) \$640 (titanium, graphite, (4 woods) \$342 (Ping, steel) \$1125 (titanium, graphite, (9 irons) graphite, (9 irons) \$342 (Ping, steel) \$1125 (titanium, graphite, (9 irons)

\$160 (4 woods) \$190 (4 woods) \$297 (9 irons) \$360 (9 irons)

black with yellow black with yellow

\$499 natural, cherry

\$455 cherry,

mahogany \$170 pecan (4 woods) \$220 pewter with (4 woods) \$328 wood inlay (9 irons) \$328 (9 irons) blue \$332 \$488 black

*for 4 woods + 9 irons, unless otherwise noted



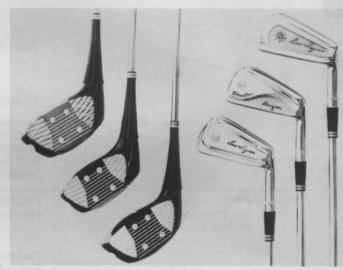
Mac Hunter Brawnwood



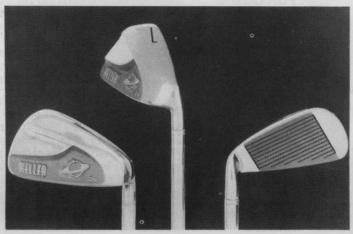
Keller Slim



Lil' David Slinger



AMF Ben Hogan



Keller 211 Irons



Hillerich & Bradsby Power Bilt

MagGregor Tourney Custom



Karsten Ping K II Woods



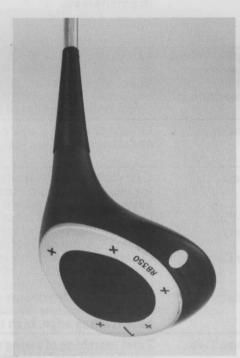
FREE	MANUFACTURER	MODEL	FEATURES	SHAFT TYPE AND FLEX
270	MacGregor 1 Brunswick Plaza Skokie, IL 60076	300 Woods	The UCU304 shaft has about the same weight as graphite, but has more torsional rigidity; 23% lighter in static weight.	Chrome van- adium/RS
		MT	Pear-shaped wood heads; power bulge on irons.	Steel/RS
		Tourney	Handcrafted; laminated woods. Over 80 hand	Steel, Pro-
		Custom	operations used in making each club. Cast irons; microstep shaft. Jack Nicklaus	Pel/RS Micro/RS,
			helped design the VIP clubs.	Nicklaus/RS
271	Northwestern Golf Co. 4701 N. Ravenswood Ave. Chicago, IL 60640	Championship	New for 1977. Irons are triple chrome plated; lifetime Perma-Lac wood heads with natural wood look face. Men's right- and left-hand; ladies' right-hand only.	Steel/R
		Professional	New for 1977. "Sculptured" forging with perimeter weighting. Woods feature toe/heel weighting. Men's right-hand only.	Steel/R
		RB-71	New for 1977. Irons have "sculptured" forging	Steel/R
			with heel to toe weighting. Woods feature heel/toe weighting with aerodynamic styling	
		Ultimate	New for 1977. Irons of classic "Blisterback" forging with weight concentrated behind sweet spot. Woods have black head with toe/heel	Steel/R
		Thunderbird	weighting. Men's and ladies' right-hand. Irons of 18-8 cast stainless steel with exclusive "tour grind" feature. Woods toe and heel weighted. Men's right- and left-hand;	Stainless steel/R
		Thunderbird II	ladies' right-hand only. Irons of cast stainless steel, shaft-over-hosel design, with "tour grind" feature.	Stainless steel/RS
272	Pacifica	Bamboomer	Laminated bamboo heads guaranteed not to	Steel/
	521 5th Ave., Suite 1407 New York, NY 10017	Woods Soft Touch Irons	crack. Cast stainless steel alloy; computer weighted.	ARSX Steel/ ARSX
273	Pedersen Golf 101 Powdered Metal Dr. N. Haven, CT 06473	New for 1977. Classic styling. Available in custom-built. Men's and ladies' right- and left-hand.	Steel, graphite, titanium/full range	
		Pedersen Forged Stain- less Irons	New for 1977. Irons of 18-8 forged stainless steel with exact front and back sole radius. Men's and ladies' right-hand only. Available in custom-built.	Steel, graphite, titanium/full range
274	PGA/Victor Golf	PGA Classic	New for 1977. Designed for beginning adult	Steel/L
	8350 N. Lehigh Ave. Morton Grove, IL 60053	Junior Member	player, male or female. Sold in set of 5&2. New for 1977. Top of the line construction; sold in set of 5&2.	Steel/R
		Ryder Cup II Tommy Armour	Both in-the-hosel and over-the-hosel designs. Traditional blade available in limited forging or cast. Woods are persimmon.	Steel/RS Steel/RS
275	Pinseeker Golf Co. 2088 Sunset Dr.	Bombshell Woods	New for 1977. Cast steel shells; available in 1-5. Shaft alignment ahead of face.	Steel/full
	Pacific Grove, CA 93950	Olympian Irons	New for 1977. Cast; high toe mass and related	range Steel/full
		RB300	weight have been moved to low in club head. Persimmon woods. Heel/toe perimeter weight-	range Steel/full
		RB350	ing. Rocker sole. Shaft-over-hosel design.	range
		KD350	Laminated ring balance. Cast irons offering lower center of gravity.	Steel/full range
276	Power Track Golf Co.	Power Track	Irons 431 cast with full cavity back. Woods	Steel/full
	10869 Portal Dr. Los Alamitos, CA 90720	Model C Oscar Jones	laminated with U sole plate Custom Crest clubs personalized with logo	range Steel/full
			inset in back of blade and sole of wood.	range
277	ProGroup, Inc. 99 Tremont St. Chattanooga, TN 37504	Classic	Forged irons with conventional hosel and low weight distribution. Cross grain laminated woods with brass backweight.	Steel/RS
		N.A.L.G.	Forged irons; shaft-over-hosel construction. Woods have edge grain block.	Steel/RS
		First Flight FTD	Forged irons with square toe and sole weight-	Steel/RS
		Phantom	ing; Woods persimmon with brass backweight. Cast irons with toe-high look; sharp leading edge. Woods have fiberglass insert.	Steel/RS
278	Ram Golf Corp.	Lady Craighton	Cast stainless steel heads. Woods have brassy	Steel/L
	1501 Pratt Blvd. Elk Grove Village, IL 60007	Accubar	gold face inserts. Each iron has unique individually balanced and weighted bar behind sweet spot.	Steel/RS
279	Rawlings Golf Division of A-T-O, Inc. 15 Industrial Pkwy.	12A, 2A, 65A, 1A (Men) 4A(Ladies)	Graphite drivers; laminated with Cycolac inserts; composition grips; volumetric facing; master screw weighting.	Graphite/ full range
	Hebron, OH 43025	Toney Penna Woods (Men)	Persimmon or laminated with Cycloac inserts. Composition grips; volumetric facing; master screw weighting.	Steel/ARSX

RETAIL PRICE*	WOOD COLOR
\$240 (4 woods)	light mahogany
\$425	ebony with red
\$495-\$530 \$600	rosewood walnut-mahogany with red insert
\$125	black
(8 irons, 3 woods)	
\$213	black walnut
\$245	black walnut
\$271	black
\$390	black
\$422	black
\$144	dark
(4 woods) \$225 (9 irons)	mahogany
\$200 (steel) \$480 (graphite,	antique cherry
titanium) (4 woods) \$250 (steel)	
\$900 (graphite, titanium) (9 irons)	
\$100 (5 irons, 2 woods)	red mahogany
\$100 (5 irons, 2 woods)	black
\$500 \$515	black rosewood
\$256	steel
(4 woods) \$342	Clement of the Mall
(9 irons)	dark walnut
\$558	
\$558	dark walnut
\$502 \$502	walnut
\$502	
\$413	mahogany
\$413	black with red insert
\$433	walnut
\$466	black
\$350	carmel
\$499	black glaze
\$117/each	black, mahogany cloud, amber cloud
\$172 (lam.) \$212 (pers.)	black, mahogany cloud

unless otherwise noted



PGA/Victor Tommy Armour



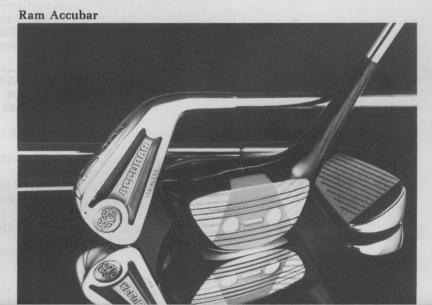
Pinseeker RB 350



Northwestern Ultimate



Power track Model C



FREE INFO	MANUFACTURER	MODEL	FEATURES	SHAFT TYPE AND FLEX
		Toney Penna	Laminated with red Cycolac face insert. Irons	Steel/RS
		TP 201 Toney Penna 6 + 6	have classic blade shape, minimum offset. Cast irons with 4-way contoured soles and "constant center of gravity" feature. No. 6, 7, and 8 woods replace No. 2, 3, and 4 irons.	Steel/LR
280	Royal Golf Division of Uniroyal, Inc.	Royal Persim- mon Driver	Semi-bomber head. Black insert with screws.	Steel/RS
	6 Rubber Ave. Naugatuck, CT 06770	Royal Daisy	Shallow woods; new cast iron has in-hosel cavity back. Small daisy decal on all clubs.	Steel/L
	Naugatuck, C1 00770	Royal Master Royal Edge	Royal perimeter cavity, in hosel. Cycolac insert with screws. Cast irons with power center weighting. Royal perimeter cavity, over hosel. Shallow woods. Cast irons with power center weighting.	Steel/RS; AX also available Steel/RS; AX available
281	Shakespeare Golf Division Box 1445	Mach II Mach II	Forged head on irons. Golf Pride grip. Cast irons. Composite graphite shaft (Alpha)	Steel/R Alpha/RS
	Fayetteville, AR 72701	Sigma IV	gives advantages of graphite at lower cost. Improved shaft, designed specifically for graphite construction. Left-hand and persimmon drivers available. Cast iron head.	Graphite/ full range
282	Shamrock Golf Co.	Model 201 Irons	Patented "Power Pocket"; cast head, 17-4;	Steel, graph-
	1745 21st St. Santa Monica, CA 90404	Model 301 Woods	contour sole; knife-thin hosel; no lead in shaft. Men's and ladies' right-hand only. Laminated maple; ¾ molded sole plate with swing weight adjustment. Also available in persimmon.	ite, titanium/ full range Steel, graph- ite, titanium, persimmon/ full range
283	Simmons International Corp. 1048 E. Burgrove St. Carson, CA 90746	Graphic Woods Honeybee (Ladies)	Laminated maple block, red ABS insert. Improved Honeycomb design with conventional hosel. Laminated maple block.	Graphite/RS Steel/L
	(now Crown Golf, Inc.)	Honeycomb II	Improved Honeycomb design with conventional hosel. Laminated maple block.	Steel/RS
284	Sounder Sports Division of Pratt-Read Ivoryton, CT 06442	Sounder	Lowest center of gravity sweep sole. Static and dynamic balancing.	Steel/ARSX
285	Spalding Meadow St. Chicopee, MA 01014	Futura	Cast stainless steel irons with extreme sole- toe weighting for low center of gravity. Woods have unusual flat crown to lower weight.	Stainless steel/full range
	The Comme distriction in the comme of the co	Top-Flite Legacy	Cast stainless steel irons with chrome plating; thin top line. Woods include deep-faced	Stainless steel/full
		Elite Centurion	driver and markedly shallow, fairway woods. Cast irons with shorter hosel for lower center of gravity. Woods include medium deep-faced	range Steel/full range
		Executive	and shallow-faced woods. Cast irons with extreme sole/toe weighting to correct for mishits; Woods have slant-back trailing edge, high toe and flat crown.	Steel/full range
286	Square Two Golf Corp. 6 Franklin Ave. Oakland, NJ 07436	Square Two	Total matching of swing weight, centers of gravity, and total weight of clubs.	Steel/full range
287	Stag Golf Products 16224 Garfield Ave. Paramount, CA 90723	Stag Custom Laminated Woods	Compact heads with ebony Cycolac insert; brass heel and toe weighting. Right- and left- hand men's and ladies'.	Steel/full range
		Stag Custom Persimmon Woods	Wood obtained from Tennessee and Kentucky; available in ebony only. Right- and left-hand men's and ladies'.	Steel/full range
		Stag Custom Persimmon	Finest genuine USA persimmon with Cycolac insert and traditional 4-screw pattern. Limited	Steel/full range
		Select Woods Stag Nova Irons	quantity. Right- and left-hand. Forged shaft-over-hosel design with unique double cavity design to distribute weight over larger area. Right- and left-hand.	Steel/full range
		Stag Classic Irons	Cast barrel hosel design with classic look; no offset, with more compact head and square toe; Right-and left-hand.	Steel/full range
288	Wilson Sporting Goods 2233 West Street	X-31	Beveled and contoured iron soles. Strata-Bloc	Steel/RS
	River Grove, IL 60171	Lady X-31	with heavy brass sole plates. Forged cavity back for wider sweet spot. Strata-Bloc woods.	Steel/L
		Berg Staff	Strata-Bloc woods. Strata-Bloc wood head with red face inserts. Non-drill-through hosel.	Steel/L
		Lady 1200	Foreweighted woods; over-the-hosel design;	Steel/L
		Staff	perimeter weighted irons. Strata-Bloc woods with red insert. Calfskin grips. Men's right- and left-hand.	Steel/RS: AX available
		1200	Foreweighted woods; over-the-hosel irons with perimeter weighting.	Steel/RS: AX available

RETAIL PRICE*	WOOD COLOR
\$400	black
\$460 (6 irons, 6 woods)	mahogany cloud
\$46/each	blonde
\$365	dark blue, dark burgundy
\$453	black
\$453	black
\$223 \$495 \$786	mahogany golden walnut black with red insert
\$335 (9 irons) (steel) \$47/each (laminated) \$125/each (titanium) \$95/each (graphi \$58/each (steel)	emerald green
\$220 (4 woods) \$342 (8 irons, 3 woods)	walnut blue
\$492	dark walnut
\$522	navy/white insert, black/red insert
\$240 (8 irons,	black (men's) blue (ladies')
3 woods) \$420 (9 irons,	black
3 woods) \$473 (9 irons,	black
3 woods) \$502	black (men's) burgundy (women's)



Shamrock



Stag

antique walnut with red insert

ebony (men's) cherry (ladies')

ebony

blonde

chestnut, pecan amber

black cherry

\$495

\$180 (4 woods)

\$200 (4 woods)

\$220 (4 woods)

\$315 (9 irons)

\$315 (9 irons)

\$570

\$403 (8 irons, 3 woods) \$403 (8 irons, 4 woods) \$433 (8 irons, 4 woods) \$488 (8 irons, 4 woods) \$510



Square Two

Wilson 1200s





*for 4 woods + 9 irons, unless otherwise noted

ebony

ebony

ebony

Analysis shows owning golf cars more profitable than leasing

by Richard A. Newell, C.P.A.

Next to the clubhouse facilities and condition of the golf course, the golf car fleet is probably the largest investment and selling point of golf course operations. In order to maximize play and attract new golfers it is imperative that the course have an adequate fleet of properly maintained golf cars.

There is probably nothing more frustrating to a golfer than to have the

car he rented (at a rate of \$10 or so per round) die on him at the 13th tee. (Especially if he has just sliced the ball out of bounds for the thirteenth consecutive time.)

When faced with the need for a new fleet of cars, management must consider the financial differences of leasing versus purchasing. Prices in the golf car industry, like prices throughout the economy, have been consistently rising over the past years. Accordingly, what seemed like a modest investment 4 years ago may today be unbearable. But assume we have recognized the need to replace our fleet of 100 golf cars and now we must consider the financial differences of leasing or purchasing.

We will make certain assumptions in order to illustrate the considerations necessary for our conclusion. The reader is cautioned to remember that different assumptions could produce different results. The process for deriving our conclusions, however, would be the same.

Assume we purchased our existing fleet of 100 electric golf cars 4 years ago at a price of \$900 each; adequate maintenance by our cartman provided 14 months of average battery life and average parts cost per car of \$10, \$20, \$30, and \$40 in years one through four respectively. Further assume that we used accelerated depreciation (sum-of-the-years digit method) with \$100 salvage after 4

"How much per month would it be worth to us not to have to worry about cartmen, their wages and benefits, battery and parts replacements, insurance, personal property taxes, and servicing of debt?"



A management consultant specializing in the golf industry, Richard A. Newell was formerly treasurer of the largest golf car dealer in Florida. He practiced public accounting with a national firm of certified public accountants for six years.

Certified

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School grounds in St. Paul, Oregon gets plenty of traffic but still looks great.

Manhattan **fairways** at Elkhorn Valley Golf Course, Mehama, Oregon. Imparts beauty and wear tolerance to this mountain course.

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- Superior fast establishment.
- Long term performance.
- Depth of crown assures better recovery from turf damage, greater wear tolerance, holds better under short mowing.
- Good density . . . more competitive with unwanted weeds and grasses.
- Less thatch development.
- Maintains vegetative tillers.
- Performs better in fall, later in spring and summer.
- Resistant to brown patch.
- Dark green color.
- Deep rooted, requires less water.
- Fine leafed.

Manhattan fine leaf perennial ryegrass is the versatile grass. Excellent for golf tees and fairways, parks and athletic fields, home lawns. Developed at Rutgers University, New Brunswick, New Jersey, grown in Oregon under rigid certification and quality control.



Home lawn near Woodburn, Oregon after three years in 100% Manhattan.



For more information write:

Manhattan Ryegrass

Growers Association

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Whitney Dickinson Seeds, Inc.

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"The Versatile Grass for Professional Use"

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Soft E-Z-GOs have produced more than a half billion dollars in income while traveling more than 325 million miles on golf courses throughout the world. For over two decades, E-Z-GO has pioneered golf car technology. The result is the finest engineered and crafted golf car in the world. Design, performance, low

Design, performance, low

maintenance, comfort and durability, E-Z-GO is the functional luxury golf car. It handles so easily and rides so smoothly. And the golf car that's far ahead of the rest will abviously keep its value while obviously keep its value while the others are trying to catch up. No matter what your require-

ments are, three wheel or four, electric or gasoline powered, you're assured the highest return on investment from your E-Z-GO fleet.

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20lfbusiness

'77 GOLF CAR GUIDE

MANUFACTURER OR DISTRIBUTOR	MODEL	POWER	RETAIL PRICE	WHEELS	BODY	FRAME MATERIAL	LENGTH (INCHES)	WIDTH (INCHES)	WEIGHT (WITH BATTERIES OR FUEL)	FEATURES	CIRCLE ON FREE INFORMATION CARD
AMF Harley Davidson Motor Co.	1977 DE-40	electric	\$1830	4	fiberglass	aluminum	94.5	45	900	New front cowl for elegant styling and weather protection; easy accessibility.	171
3700 West Juneau Ave. Milwaukee, WI 53201	1977 D-3 1977 D-4	gas gas	\$1995 \$2270	3 4	fiberglass fiberglass	steel steel	91 102	45.25 45.24	700 828	Bucket seats; optional tiller bar or steering wheel. Bucket seats; optional cradle or hook type bag rack.	172 173
American Continental Inc. Box G, Industrial Park Willmar, MN 56201	ACG 4000 ACE 4000	gas electric		3 4	fiberglass fiberglass	steel steel	47 47	92 92	660 870	Outboard brakes, improved steering. Outboard brakes, improved steering.	174 175
Bogue Electric Mfg. Co. 100 Pennsylvania Ave. Paterson, NJ 07509	Bogue	electric	\$1680	4	sheet metal	steel	91	45.5	950	Every working part accessible without need for jack or lift.	176
Electric Carrier Corp. 8603 Crownhill San Antonio, TX 78209	Electric Caddy	electric	\$1695	4	steel	steel	94	45	950	Direct-drive transmission approximately 98% efficient; longest battery replacement cycle in industry.	177
Elmco Inc. 152 Wineland St., P.O. Box 176 Cooksville, IL 61730	11E	electric	\$3175	4	fiberglass	aluminum	112	46	994	Convertible or detachable hardtop; automotive suspension, steering, braking.	178
E-Z-Go Car	X440	electric	\$2134	3	steel	steel	90	48	980	Independent rear wheel brakes; automotive steering; 36V	179
Division of Textron, Inc. Box 388	GX440	gas	\$2209	3	steel	steel	90	48	730	electrical system. Independent rear wheel brakes; self-charging 12V electrical system, automotive steering.	180
Augusta, GA 30907	X444	electric	\$2259	4	steel	steel	96	48	1055	Independent rear wheel brakes; automotive steering; 36V electrical system.	181
	GX444	gas	\$2334	4	steel	steel	96	48	795	Independent rear wheel brakes; self-charging 12V electrical system; automotive steering.	182
HMK-Marketeer, Ltd. 26701 Redlands Blvd. Redlands, CA 92373	439 438	electric electric	\$2175 \$2275	3 4	steel steel	steel	93.25 94.50	46.25 47.25	965 1030	Direct drive; brakes in each rear wheel. Direct drive; brakes in each rear wheel.	183 184
Johns-Manville Corp. P.O. Box 5108 Denver, CO 80217	Club Car	electric	\$2136	4	fiberglass	aluminum	93.3	45.2	868	Dual braking; 104-hole range on single charge; automotive steering; bucket seats.	185
Kush-N-Kart, Inc. 95 Wooster Rd. Barberton, OH 44203	77-A	electric	\$950	3	plastic	steel	76	32	283	54- to 63-hole range on single charge; single seater; does not track course.	186
Laher Spring & Electric Car Corp. P.O. Box 731	FM-270 Fleet Master	electric	\$1744	3	steel/ fiberglass	steel	96	43	1020	Lub-O-Matic controls; hydraulic brakes.	187
New Albany, MS 38652	FM-274 Fleet Master	electric	\$1854	4	steel	steel	99	44	1040	Lub-O-Matic controls; hydraulic brakes.	188
	MP-370 Masterpiece	electric	\$1894	3	steel/ fiberglass	steel	100	42	1040	Lub-O-Matic controls; hydraulic brakes.	189
	Deluxe						-				