The Twice Monthly Publication
for the Coin Operated Entertainment Industry

# PLAY METER

Comprehensive Listings

Phonographs • Pingames
Videos • Arcade • Tables
Kiddie Rides • And More

Volume 7, Number 19 October 15, 1981

## ANNUAL BUYERS' GUIDE

MIDWAY

# Wizard of Wor™

"Welcome to my Dungeons of Wor"

## Simultaneous Player vs. Player Full Color Video Game...that TALKS!

Players control a separate squadron of worriors and compete for score at the same time. Worriors descend into various dungeon mazes, battling visible and invisible monster Worlings, and maybe the Wizard himself. If one player mode is selected, the computer becomes the second player.

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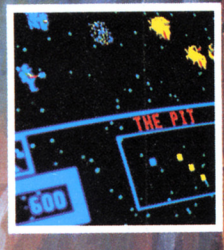


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VOLUME 7, NUMBER 19/OCTOBER 15, 1981

# PLAY METER

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*(Note: For this special annual issue, most of* Play Meter's *regular features and departments have been omitted from this issue. The regularly appearing departments will appear once again in the next issue of* Play Meter—*issue dated November 1, 1981.)*

## BUYERS' GUIDE SPECIAL ISSUE

**10** **Buyers' Guide Introduction**
How to use the Buyers' Guide as your year-round reference source on equipment purchasing. Includes a factory-by-factory index of where to find individual games.

**Phonographs**
From 1973 through 1981. A list of all the phonographs from the following factories—Centuri, NSM, Rock-Ola, Rowe, Seeburg, and Wurlitzer.

**33** **Pinballs**
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**113** **Other Games**
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*Cover Credit: The Wurlitzer Model 42, a 1942-style phonograph, serves as a reminder of the industry's beautiful storied past. The equipment depicted in the 1981 Buyer's Guide Issue, on the other hand, depicts the industry's immediate past. Photo courtesy of* Jukebox: The Golden Age, *published by Lancaster-Miller of Berkeley, California.*

# Play Meter Equipment Poll

*The following are rankings of the top videos and top pinballs making above average weekly gross collections nationwide. The dollar amounts appearing are the average weekly grosses as reported to Play Meter magazine through its regular national operator survey, including both arcade and street locations. Games with less than adequate responses (less than fifty percent) but with above average collections are so noted. Games not appearing on the poll either (1) did not generate over a ten percent response rate to provide an adequate representative sampling or (2) did not register weekly gross collections above the national average.* ***Special note should be made that these earnings figures are gross revenues. When computing operator revenues, these amounts should be reduced by fifty percent to reflect the most widespread industry practice, that of granting fifty percent commissions to the location owners.***

## TOP VIDEOS

*Sixteen of 32 videos (50%) with a response rate over ten percent have above average earnings.*

**National average for videos ..... *(Aug. 10) $193***

| | | | | | |
|---|---|---|---|---|---|
| 1. | DEFENDER/Williams | $267 | * 6. | CRAZY CLIMBER/Nichibutsu | $214 |
| 2. | PAC-MAN/Midway | $245 | * 7. | WIZARD OF WOR/Midway | $212 |
| 3. | CENTIPEDE/Atari | $243 | 8. | GORF/Midway | $211 |
| * 4. | SUPER COBRA/Stern | $235 | 9. | ASTEROIDS/Atari | $209 |
| * 5. | PLEAIDES/Centuri | $217 | 10. | SCRAMBLE/Stern | $208 |

*11. PHOENIX/Centuri ..... $203*

## TOP PINBALLS

*Eight of 18 pinballs (44%) with a response rate over ten percent have above the average earnings.*

**National average for pinballs ..... *(Aug. 10) $117***

**1. EIGHT-BALL DELUXE/Bally ..... *$148***

**** 2. MARS/Gottlieb ..... $134***

***3. BLACK KNIGHT/Williams ..... $131***

** Conditionally Rated— Weekly average based on less than 50% response rate*

## *Provisionally Rated Pinballs and Videos*

*(Above average earning games, with a response rate between 10-25%)*

### VIDEOS

| | |
|---|---|
| OMEGA RACE/Midway | $270 |
| *VENTURE/Exidy* | $256 |
| *SPACE FURY/Gremlin* | $250 |
| *MOON SHUTTLE/Nichibutsu* | $219 |
| *SPACE ODYSSEY/Gremlin* | $194 |

### PINBALLS

| | |
|---|---|
| VOLCANO/Gottlieb | $145 |
| *EMBRYON/Bally* | $143 |
| *PHARAOH/Williams* | $137 |
| *SPACE INVADERS/Bally* | $129 |
| *MEDUSA/Bally* | $122 |

Operator/readers who would like to join the ever-growing numbers of readers participating currently in the survey, write: *Play Meter, Equipment Poll, P.O. Box 24170, New Orleans 70184.*

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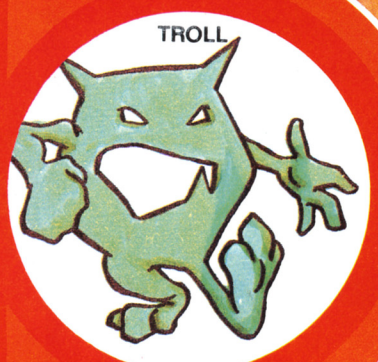

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Once inside a room, the chamber's image grows to full screen size, creating a game within a game. Every room has a treasure guarded by a threatening creature or hazardous condition. The player must retrieve the treasure, avoiding threats and obstacles. Points are awarded for taking the treasure out of the chamber and for destroying chamber creatures. When the player leaves a chamber, the screen image then returns to the original floor plan. Whenever a treasure is safely withdrawn, the player no longer has access to that room. The player must win all the treasures of one level before descending to another level.

**Various Ventures within VENTURE™**

Each room is a new and completely different challenge. For example, one room has a **pot of gold** of high point value, guarded by **goblins.** Another has a **damsel in distress,** surrounded by dangerous **spiders.** Another room has hazardous **moving walls** with the power to crush the player in his attempt to capture a **diamond.** With 36 different treasures to retrieve, VENTURE™ features even more surprises... the more you venture, the greater the challenge and the higher the reward!

After strategically collecting all the treasures on one level, the player ventures further into the depths of the dank and threatening dungeon. Each level becomes increasingly more difficult. Upon successful passage through all levels of the dungeon, the player "wraps" to level one, facing the same creatures... but watch out! The chamber creatures and Hallmonsters™ are more aggressive and cunning.

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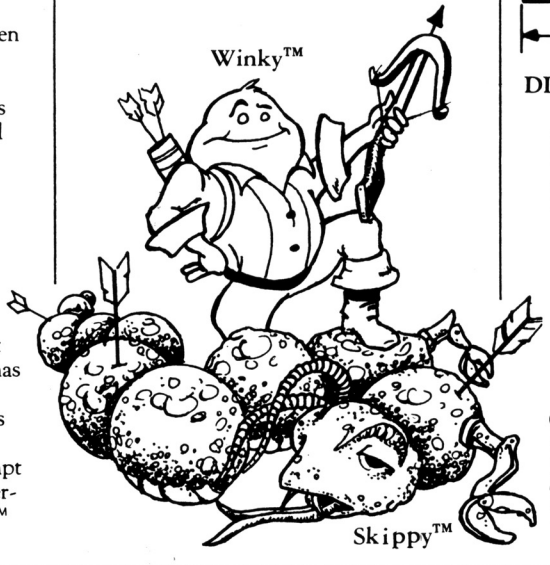
- Multi-lingual instructions English, Spanish, French, or German
- Exidy Originated Bonus Multiplier
- The Player Vanity Table

**Plus Introducing Winky™,** a friend you will be meeting again in future Exidy games.




**SELECTABLE OPTIONS**

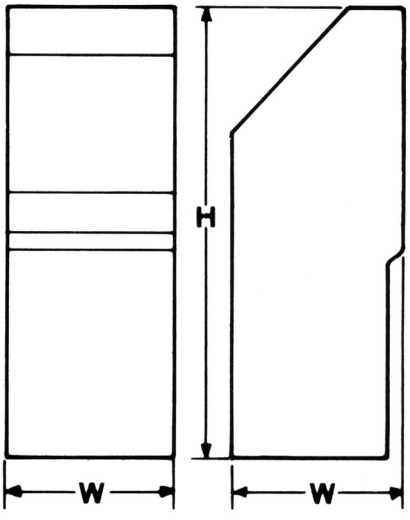
**Top Today's Hi Score**

**Coinage**
Coins per play
International coin types

**Language Selection**
English, Spanish, French, German.

**Turns**
Number of turns per player.

**Bonus**
Bonus made for selectable amount of points per level.




**DIMENSIONS**

| | inches | cm. |
|---|---|---|
| Height: | 72.50 | 184.2 cm. |
| Width: | 25.50 | 64.8 cm. |
| Depth: | 31.00 | 78.7 cm. |
| Weight: | 285 lbs. | 129.3 kg. |

Contact your Exidy distributor, or Exidy, for further information: 390 Java Drive, Sunnyvale, California 94086. Telephone: (408) 734-9410. Telex: 357-499.

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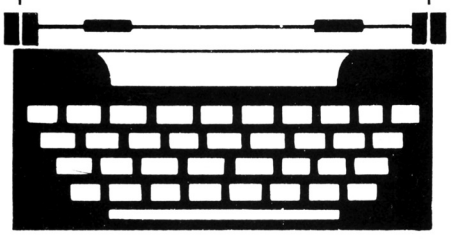
# Letters to the editor . . .



## Wants video reviews

I really enjoy *Play Meter*—it's great. I particularly enjoy the machine reviews...but I'd like to see a lot more reviews on the video games. There are so many new ones coming out all the time; a person doesn't know what to purchase...so your reviews would be most helpful. Keep up the good work!

**Frank Leslie**
**Whistle Stop Amusements**
**Fair Haven, New Jersey**

*[Ed.: Even as we speak, a new columnist for* Play Meter *is sizing up new video games—in Leslie's own state of New Jersey. Watch the November 1 issue for a new "Viewpoint on Video" columns.]*

## Copyright problems

After being on the service end of this industry for the past six years (whatever that means) I do not advocate the sale or purchase of any 'copy' games which violate the law.

However, I see big problems ahead if there aren't changes made by the major manufacturers. I speak of the copyright cases now in the courts. With these cases being heard by judges with no technical background in our industry, deciding on our future.

A copyright is issued to a manufacturer for an original product, in this case a video game. The actual program for the visual display of this game is contained inside various electronic chips on the main printed circuit board. Therefore the copyrighted item, specifically, is the electronic components (ROMs, PROMs, etc.) which hold the copyrighted video display of the game.

How then can a U.S. Marshall seize a "copy" game from anyone? The game cabinet, TV monitor, coin door, cashbox, line cord, etc. are not copyrighted items. In many cases the circuit boards aren't copyrighted either, just the programmed chips.

Technically, manufacturers can seek to have the "copy" games' program chips seized, erase their program and returned to their owners.

It is the manufacturers themselves who have created the demand for "copy" games. First, manufacturers have not put money into research and development of new games, but rather have licensed them from foreign companies, making them available to almost anyone who can write; second, by flooding the market with a glut of new equipment that is produced at a rate faster than can be absorbed, handled, or afforded; and, third, by claimed "Research and Development" costs which have pushed up the price of the major manufacturers equipment to a point where even big operators are looking to cut costs.

Electronics is a very big industry worldwide, we all know. Many other manufacturers will appear on the scene to fill the industry need for quality equipment at reasonable cost, if our present manufacturers don't stop playing big brother. Games are purchased from manufacturers and, are owned outright. What manufacturer can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dictate to its customers what they may or may not do to a product after it is sold? Can General Motors stop you from modifying a car you buy? Or installing a "speed-up" kit in the form of a bigger engine? Then why can game manufacturers stop operators from taking their machines and making them better, to make money for them longer?

Because they want the operators to keep buying more and more machines and at the same time throw the now "newly" obsolete games in the garbage.

Maybe George Orwell's *1984* isn't so far off after all.

**Jack Guarnieri**
**Brooklyn, New York**

## 10 Games for a dollar?

A commercial keeps coming over Station WAAL in Binghampton, advertising *10* games for a *dollar* in Aladdin's Castle. It names top games. Our customers have all heard this.

How can the factories tell us to go to 50-cent play and then do this to us? We never said anything about a manufacturer competing with the street operator—but this is really unfair competition.

Can business be that bad?

**Millie McCarthy, president**
**Binghampton Amusement Co. Inc.**
**Binghampton, New York**

## More exciting pinball

A lot of articles have appeared recently in *Play Meter* concerning the pros and cons of the 50¢ game. It seems when this topic is brought up, there are about as many different ideas as there are new games to choose from each week. One operator wrote he preferred the fast quarter rather than the slow 50¢; however as games approach and breeze past the $3,000 mark, who's kiddin' who!

There is no easy approach to this operators' problem, and I emphasize operators. The manufacturers are going to have to address this problem with the understanding that this is as important to today's progressive operator as the game itself. In short, we need more help from the game people than a simple

switch for 25 or 50 cent play. The aggressive operators can't select the 50¢ position because there's always one operator who refuses to; therefore, maybe the answer is the best approach—Incentive Play.

A good example is *Gorf:* the object is to advance as far as possible in the game's five phases before the game ends. Therefore, at least 75% of the players insert two quarters before starting the game to get 4 missiles, rather than the 2 missles they get for a single quarter, thus enhancing their chances to beat the game.

Not only video, but pinballs as well should be explored. With the endless possibilities with electronics, not only could incentives be more profitable to the operator, but more appealing to the player. The designers could have a field day with the dozens of features that could be designed to encourage the player to play the 50¢ game rather than the quarter version.

More liberal bonus values, more balls per game with a lesser score, percentage wise, to win a free game; with a little imagination, there's no end to the excitement that could be designed into a pinball with incentive appeal.

The bottom line is that the player wanting only to drop a quarter in a game, play, and walk away than can still do so and not gripe to the location owner because the game is fifty cents; however, the game would be designed to attract and entertain the real pinball player willing to spend 50¢ for an exciting and challenging game.

A price increase is going to have to be designed into the game in the same manner as the quarter phased out the dime. We hope this problem will soon be dealt with.

**Jim Cole**
**Howard Cole**
**Cole Vending Co., Inc.**
**Weaverville, North Carolina**

## Likes 'Cranks'

We find your "Frank's Cranks" column extremely helpful. Please consider arranging the information in a way that the articles can be clipped for filing, by game name, for future reference. It is not possible, without considerable effort, to "cut and paste" when writing continues from front to back on a single page.

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# Buyers' Guide

The following section presents a comprehensive display of coin-operated amusement games actively marketed in the United States in recent years. Manufacturers, with few exceptions, have furnished PLAY METER with photos and pertinent information on the included pinball games marketed since 1976, video games and arcade games since 1978, table games —pool, foos, and shuffle —since 1976, and phonographs since 1974. Various other games —including novelty, card, wall games, and kiddie rides —are displayed.

The items represent not only games that are currently in production, but also games that have long been out of production but are still in use. In some instances, manufacturers have declined to submit photos or information on various older machines. The editors of PLAY METER have made thorough efforts to pursue materials for the Guide and are in the belief that machines not featured here represent an insignificant percentage of machines in current use.

In some cases, manufacturers have produced nearly duplicate machines of their own original model. Generally, pinball duplications occurred when a manufacturer decided to make a solid state version of a previously issued mechanical or one-player version. At times, a manufacturer may change the backglass of the machine when it is reproduced with different capacities, but the playfield remains the same. We have pictured the latest model—in most cases—when these situations occurred, and earlier efforts are explained in a footnote. When a video game was duplicated by a cocktail table model, we have chosen to feature the upright model in almost all cases.

Some pool tables pictured here are pieces with initial production dates prior to 1976. These tables have been included here when the manufacturer has indicated that the same model is still in production, or at least was still in production in 1976.

We offer the following "Buyer's Guide" of games, listed alphabetically by manufacturers, within the categories of games, except when production requirements ruled out alphabetical listing.

The listings are chronological, with the more recent 1981 models included when their information and photos were available to PLAY METER by August 1, 1981.

From time to time, a particular machine might represent a particular milestone for a manufacturer, and when such a factor prevailed, we have tried to recognize and footnote it, to give our readers all the useful information possible.

We hope that you will find our pictorial guide a useful reference tool for identifying proposed purchases of new and used equipment, now and in the future. In light of such use, we hope that you will keep the "Buyer's Guide" in an immediately available place for further study.

**—The Editors**


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*If you are exporting new or used equipment, you owe it to yourself and to your customers to consider Tokens and all of the advantages they offer.*

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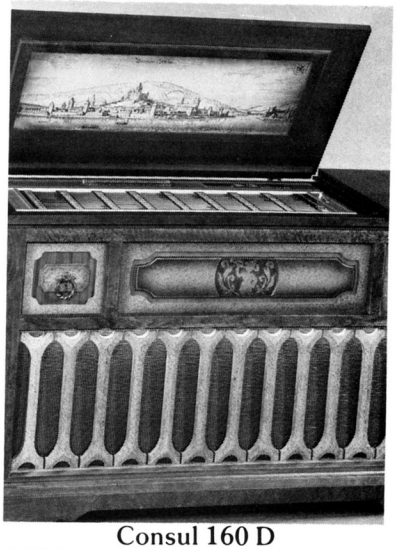
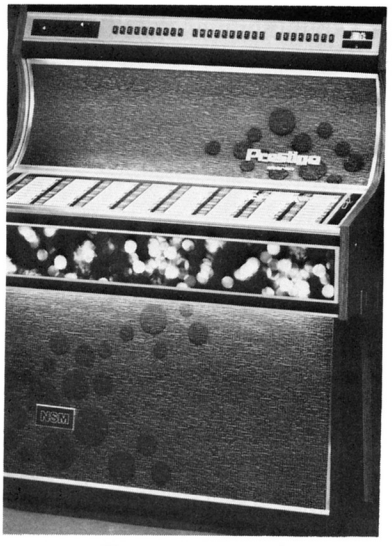
# Phonographs
# 1973-1981

***Centuri • NSM • Rock-Ola***
***Rowe • Seeburg***
***Wurlitzer***

Prestige E 160
1976 EM & SS



Consul 160 D
1976 EM

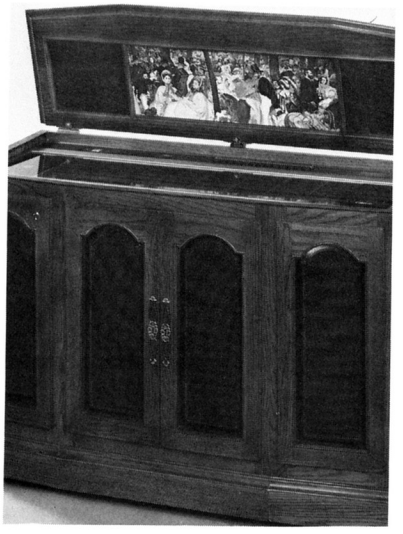



(Prestige) Hit 120
1977 EM

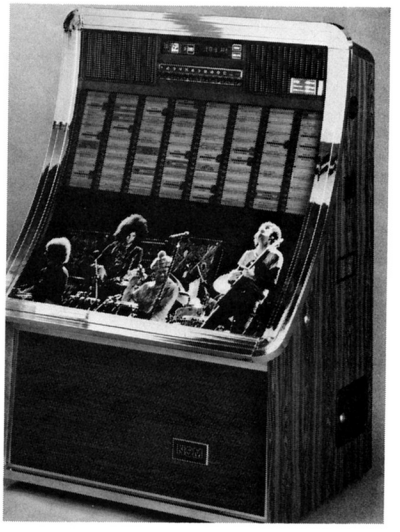
Consul E 120
1977 EM

Hit E120
1977 EM

Festival ES-160
1978-1980 SS



Console Classic
1980 SS



Prestige II ES-160
1980 SS

*CONSUL E 120 was produced with a somewhat different cabinet, 1972-74, as* Consul 120 II.

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Continental Dist. Co., Montgomery, Al.
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Gulf Coast Dist., Houston, Tx.
Hanson Dist. Co., Bloomington, Mn.
James Vending, Louisville, Ky.
L & R Dist. Co., St. Louis, Mo.
Lawson Music Co., Inc., Winter Haven, Fl.
S. L. London Music Co., Milwaukee, Wi.
Modern Vending Co., Indianapolis, In.
Mountain Coin Dist., Phoenix, Az.
North American Interstate, Berkley (Detroit), Mi. branch offices: Grand Rapids, Mi.; Traverse City, Mi.
Palmetto State Dist., Charleston Hts., S.C.; branch offices: Cayce, S.C.; Raleigh, N.C.
Playmor Music Inc., Greenfield, Ma.
REN Enterprises, New Orleans, La.
C & W Rowe Sales & Service, Los Angeles, Ca.
Royal Dist., Cincinnati, Oh.
Southwest Vending Sales, Oklahoma City, Ok.; branch offices: Dallas, Tx.; San Antonio, Tx.; Chicago, Il.
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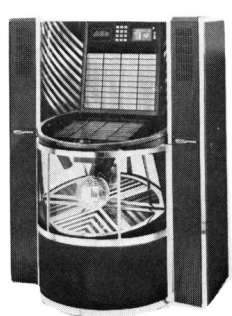

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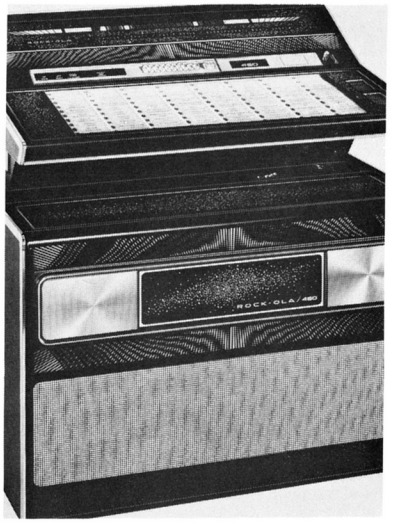
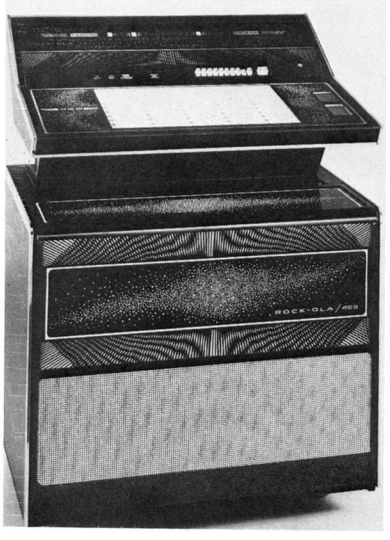
ROCK-OLA

456 Console Deluxe
1974 SS

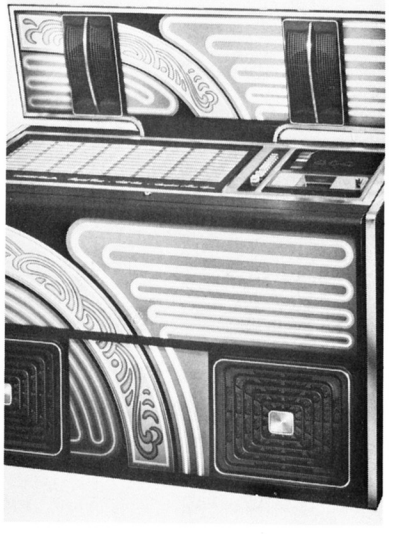


460
1974 SS

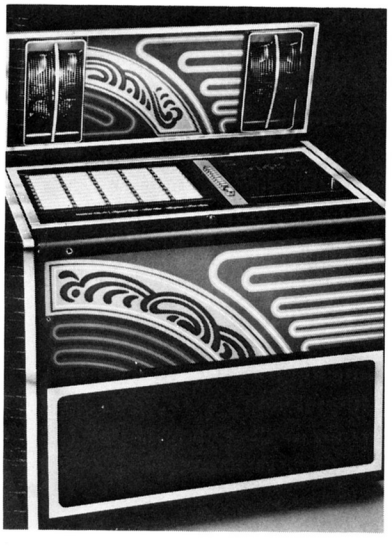


459
1975 SS

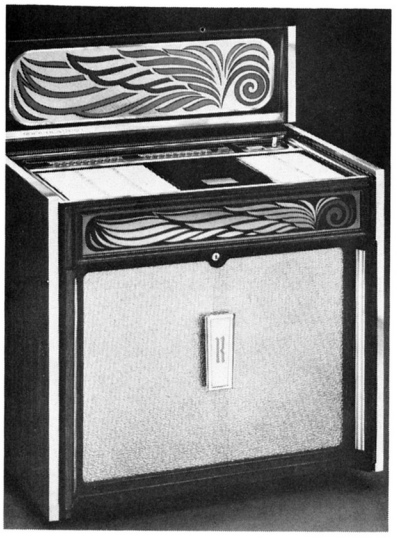
461 Princess Console
1975 SS



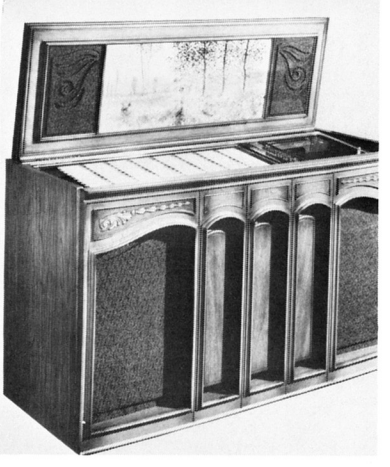
464
1975 SS



463
1976 SS



467 Princess
1977 SS



468 Grand Salon
1977 SS

*PRINCESS CONSOLE: the 100-selection phonograph with compact cabinet was a best-seller.*

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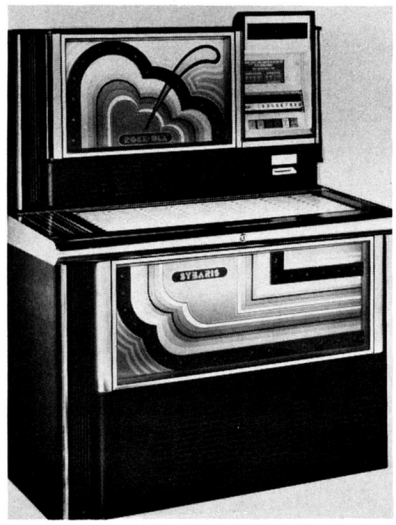
**470**
**1977** **SS**



**474 Sybaris**
**1977** **SS**

**478 Mystic**
**1978** **SS**

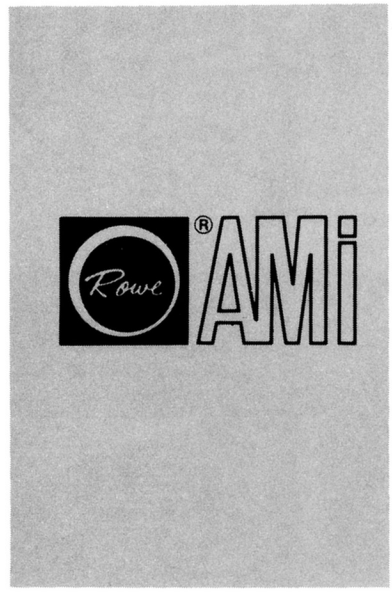
**477 Max**
**1979** **SS**

**480 Techna**
**1980** **SS**

**Grand Salon II**
**1980** **SS**

**484**
**1980** **SS**

**Max 2**
**1981** **SS**




*470: the 'disco' style was introduced in Rock-Ola machines, followed with 474—the '3-D' color display effects of which were popular in discoteques. Also, new 'instant' pricing changes were made possible with printed circuits.*

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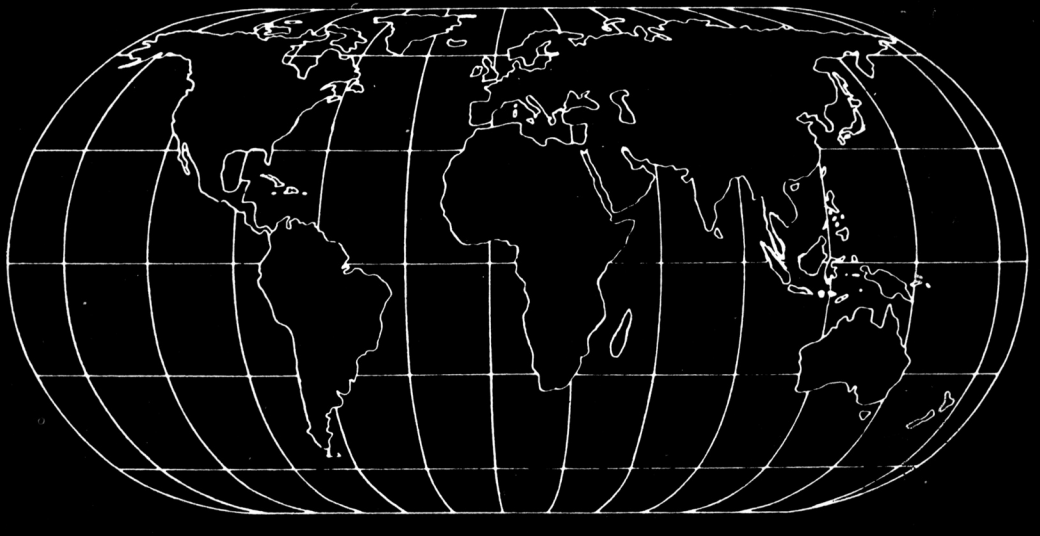

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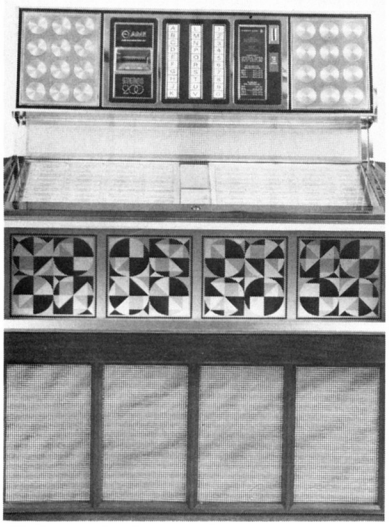
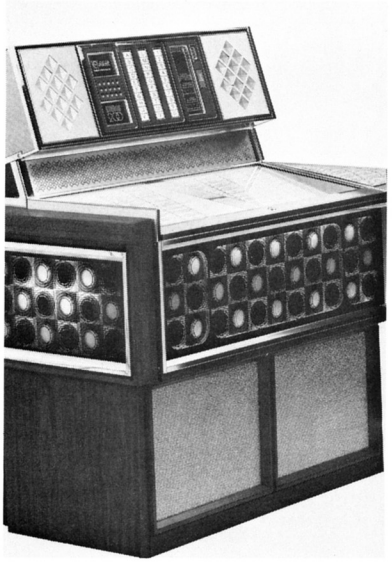


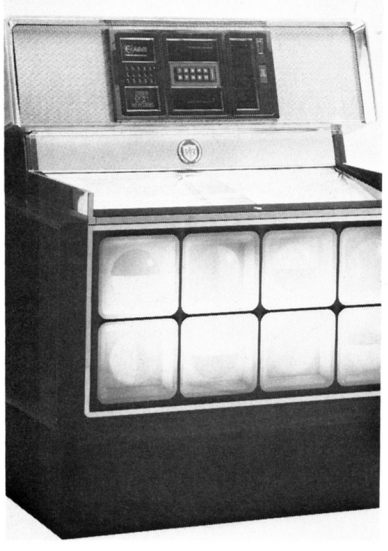
Arlington (R-74)

1974 EM



Imperial (R-80)

1975 SS



Pulsar Orange (R-81)

1976 SS

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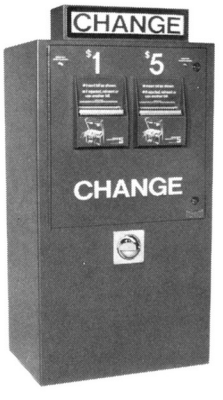
I wish to thank you for your outstanding service and I hope that we will continue doing business for many years to come.

**Tom Guagliardo**
**General Manager**

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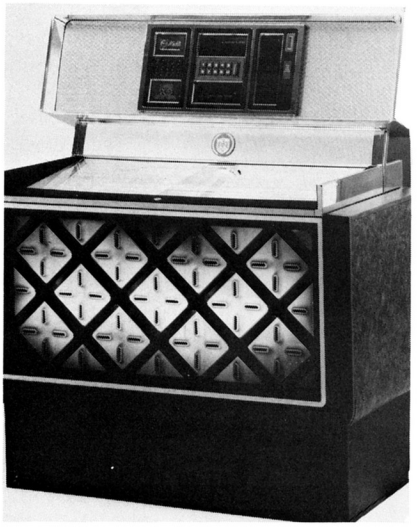
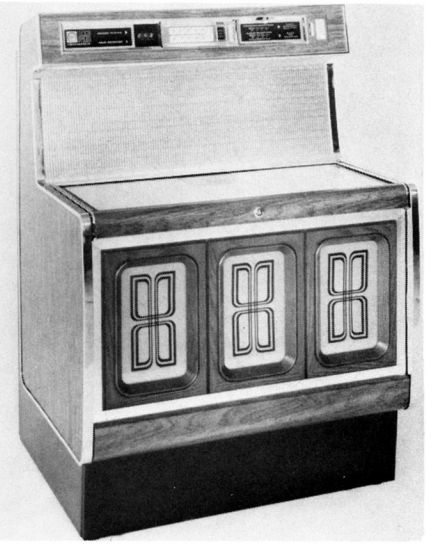


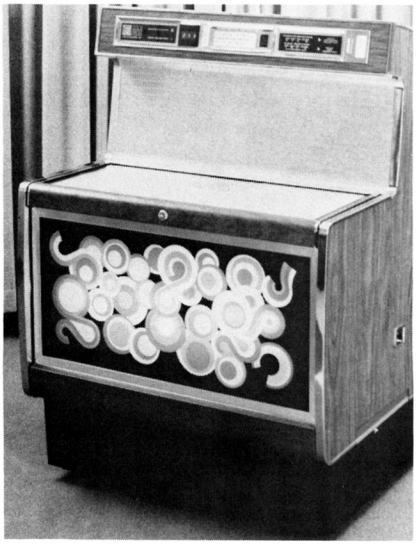
Laser Blue (R-81)
1976 SS

Blackmagic (R-82)
1977 SS

Woodhue (R-82)
1977 SS



Canterbury (RI-2)
1977 SS



Fantasia (RI-2)
1977 SS

Fiesta (R-83)
1978 SS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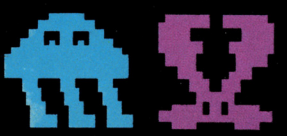
## THE CHALLENGE OF TWO WORLDS

# Destroy enemy monsters in two worlds before they destroy you

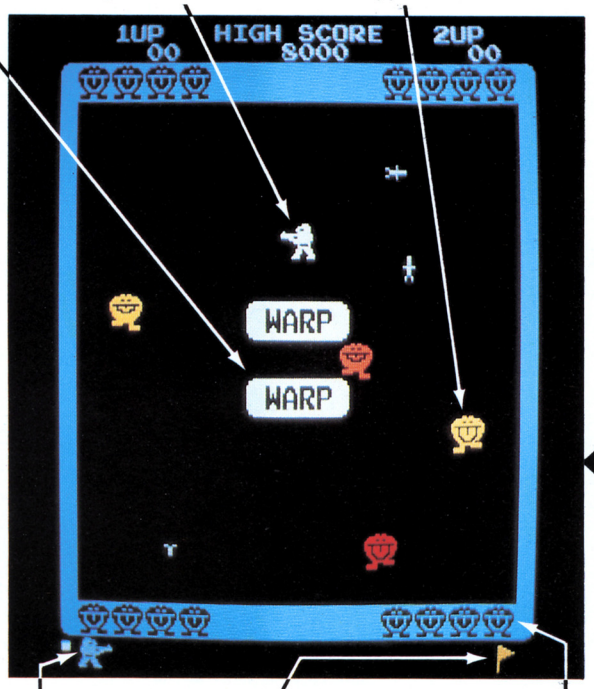



## SPACE WORLD

When Warp Zone is flashing, fighter can move into Maze World.

You control this fighter and attack enemy monsters.

Enemy monster. Attack him before he destroys you. Get 3 monsters of the same color in a row... then score big by destroying the mystery monster that appears.




Remaining reserve fighters.

Flag representing number of the "Monster Regiment" up, and level of game progression.

Remaining reserve monsters.

WARP

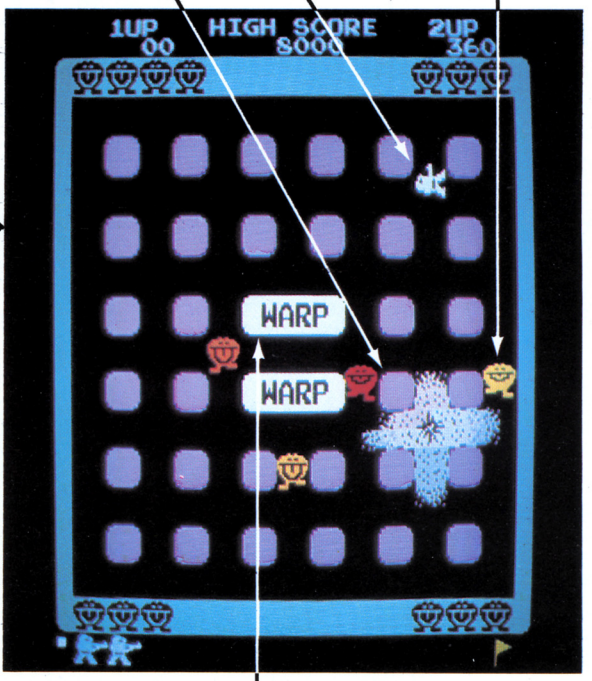
WARP

## MAZE WORLD

Monster is destroyed by exploding time-delay bomb. Delay is set by how long bomb button is held. Destroy as many monsters as you can with one bomb for bonus points.

Fighter armed with time bombs. You set the delays.

Watch out for lurking monster.




Fighter can move out of Maze World by entering flashing Warp Zone.

### EXTENDED PLAY.

Win bonus fighters at levels of 8,000, 30,000, 60,000 points, etc. Game becomes more difficult as each regiment of monsters is destroyed, offering a great challenge to players of every skill level, from beginners to the most expert.

WARP WARP

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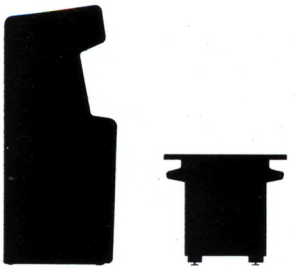
## SPECIFICATIONS



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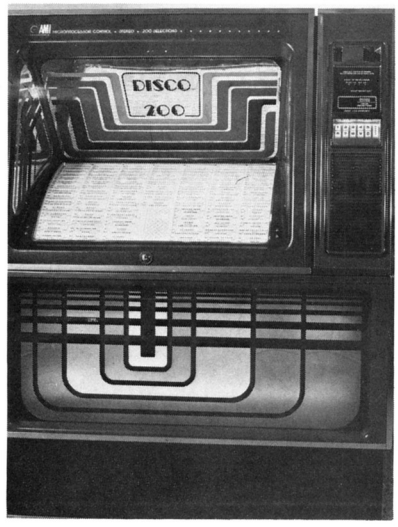
### UPRIGHT MODEL

| | Uncrated | Crated |
|---|---|---|
| Weight | 248 lbs (112 kg) | 278 lbs (126 kg) |
| Height | 67 in (170 cm) | 70 in (178 cm) |
| Depth | 29¾ in (76 cm) | 33 in (84 cm) |
| Width | 24 in (61 cm) | 28 in (71 cm) |

Form No. G-201, Printed in U.S.A.

Claremont (R-83)
1978 SS

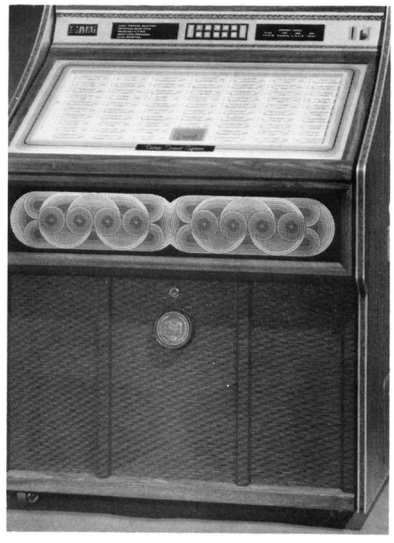



Disco 200 (R-83)
1978 SS

R-84 Prelude
1979 SS

Tempo
1979 SS

Kentwood
1979 SS



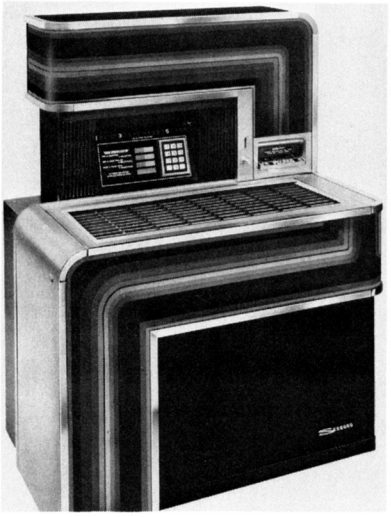
Jewel (RI-3)
1980 SS

Starwood
1980 SS

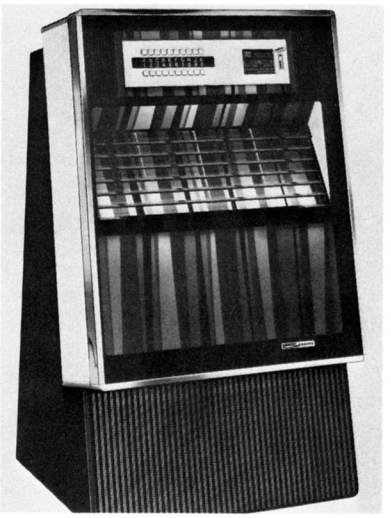
Starburst
1980 SS

Starlight
1981 SS

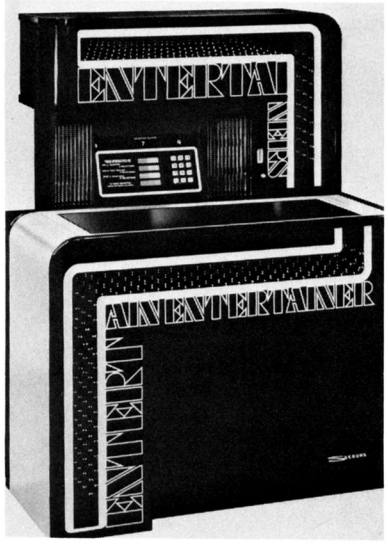
*R-84 series also included* Tempo Disco, *which has a cabinet design closely matching the* TEMPO's. *The R-84s are 200-play jukeboxes. JEWEL serves 120 plays; KENTWOOD, 200 tunes.*



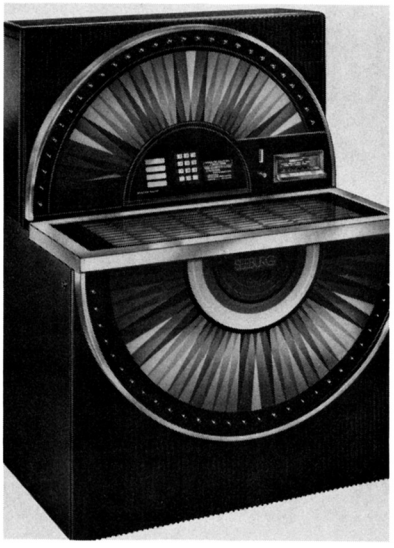
Vogue II
1974 SS



Magna Star
1975 SS

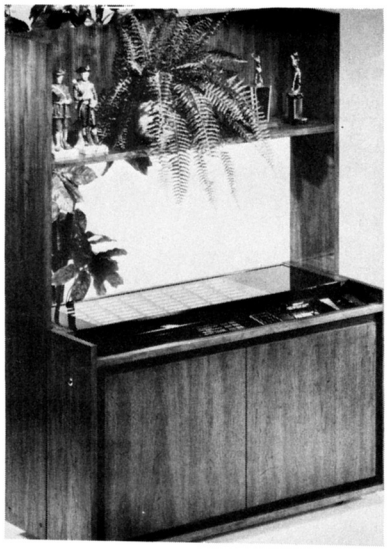



Entertainer
1975 SS

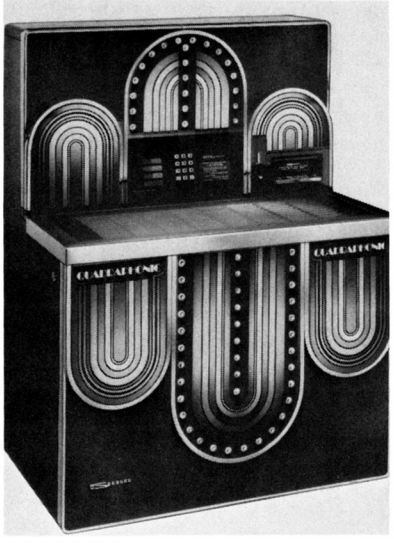


Sunstar
1976 SS

Topaz
1976 SS



Hutch
1976 SS




Seeburg-160
1977 SS

Celestia
1978 SS

*STERN Electronics acquired the old-line phonograph maker in 1980.*

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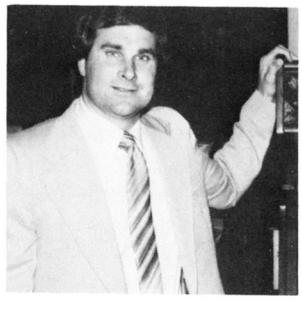

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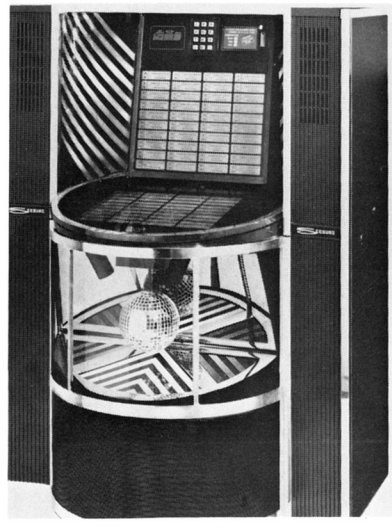
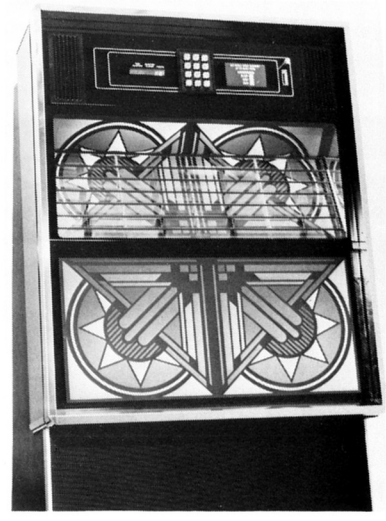
Disco-160

1978 SS



Phoenix

1979 SS



DaVinci

1981 SS

WURLITZER

Baltic

1974 EM & SS

Americana 1975

1974 EM & SS

Atalanta 3 D

1974 EM & SS

Lyric

1974 EM & SS

Tarock

1974-'78 EM & SS

*BALTIC: 160- and 100-selection models.*

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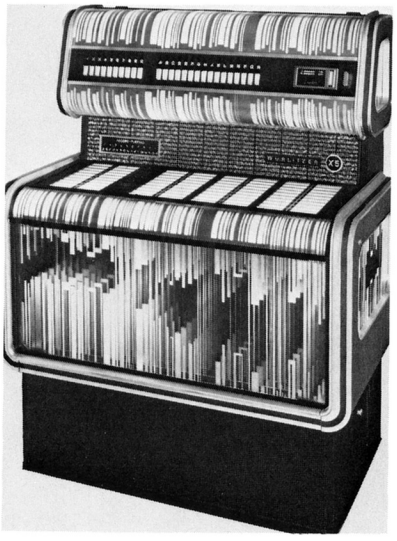
"X 2"
1975 EM & SS

Baltic 1976
1975 EM & SS

Niagara
1976 SS

Baltic 3
1976 SS



"X 5"
1976 SS

"X 7"
1977 SS

Baltic 4
1977 SS

Cabarina
1977-'80 SS

Niagara 1978
1977-'79 SS

*NIAGARA: Wurlitzer's first all-electronic phonograph.*

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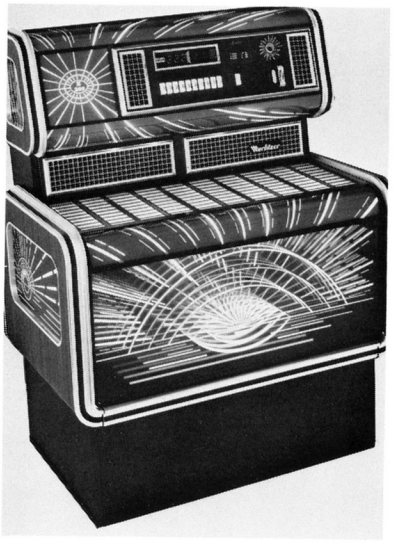
**Tarock 1979**

**1978-'80** **SS**

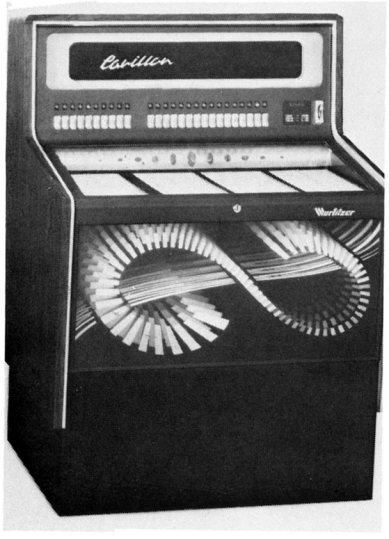
**Atlanta 1979**

**1978** **SS**



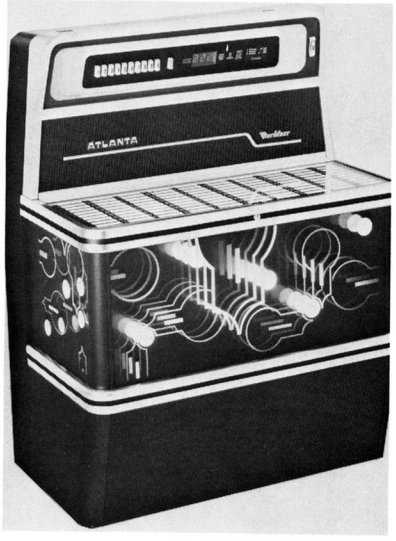
**"X 200"**

**1978-'79** **SS**



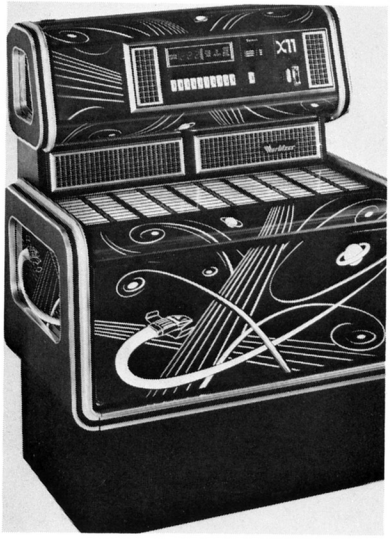

**Carillon**

**1979** **SS**




**Atlanta 1980**

**1979** **SS**

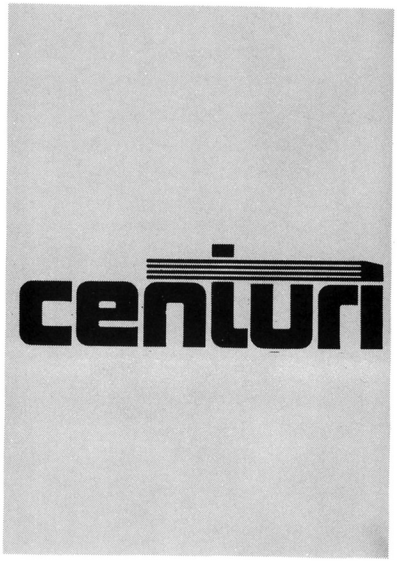



**"X 11"**

**1980** **SS**

**Atlanta**

**1980** **SS**



**2001**

**1980** **SS**

*2001: Introduced new technology for augmented sound quality; a variable range of selections, from 100 to 210.*

# Pingames
# 1976-1981

***Atari • Bally • Centuri***
***Game Plan • Gottlieb***
***Stern • Williams***

ATARI®

**Atarians**
**Nov '76** **4 PL (SS)**

**Time 2000**
**Jun '77** **4 PL (SS)**

**Airborne Avenger**
**Sep '77** **4 PL (SS)**

**Middle Earth**
**Feb '78** **4 PL (SS)**

**Space Riders**
**Sep '78** **4 PL (SS)**

**Superman**
**Mar '79** **4 PL (SS)**

Bally®

**Flip Flop**
**Jan '76** **4 PL (EM)**

*Bally Corporation's name was derived from its 1930's hit pingame,* Ballyhoo.

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**Hokus Pokus**
**Mar '76** **2 PL (EM)**

**Old Chicago**
**Apr '76** **4 PL (EM)**

**Capt. Fantastic**
**Jun '76** **4 PL (EM)**

**Aladdin's Castle**
**Jun '76** **2 PL (EM)**

**Freedom**
**Jul '76** **4 PL (EM)**

**Quarterback**
**Sep '76** **2 PL (EM)**

**Night Rider**
**Nov '76** **4 PL (EM)**

**Hang Glider**
**Dec '76** **4 PL (EM)**

**Kick Off**
**Jun '77** **4 PL (EM)**

*FREEDOM was Bally's first electronic pin, in Dec. '79 production.*

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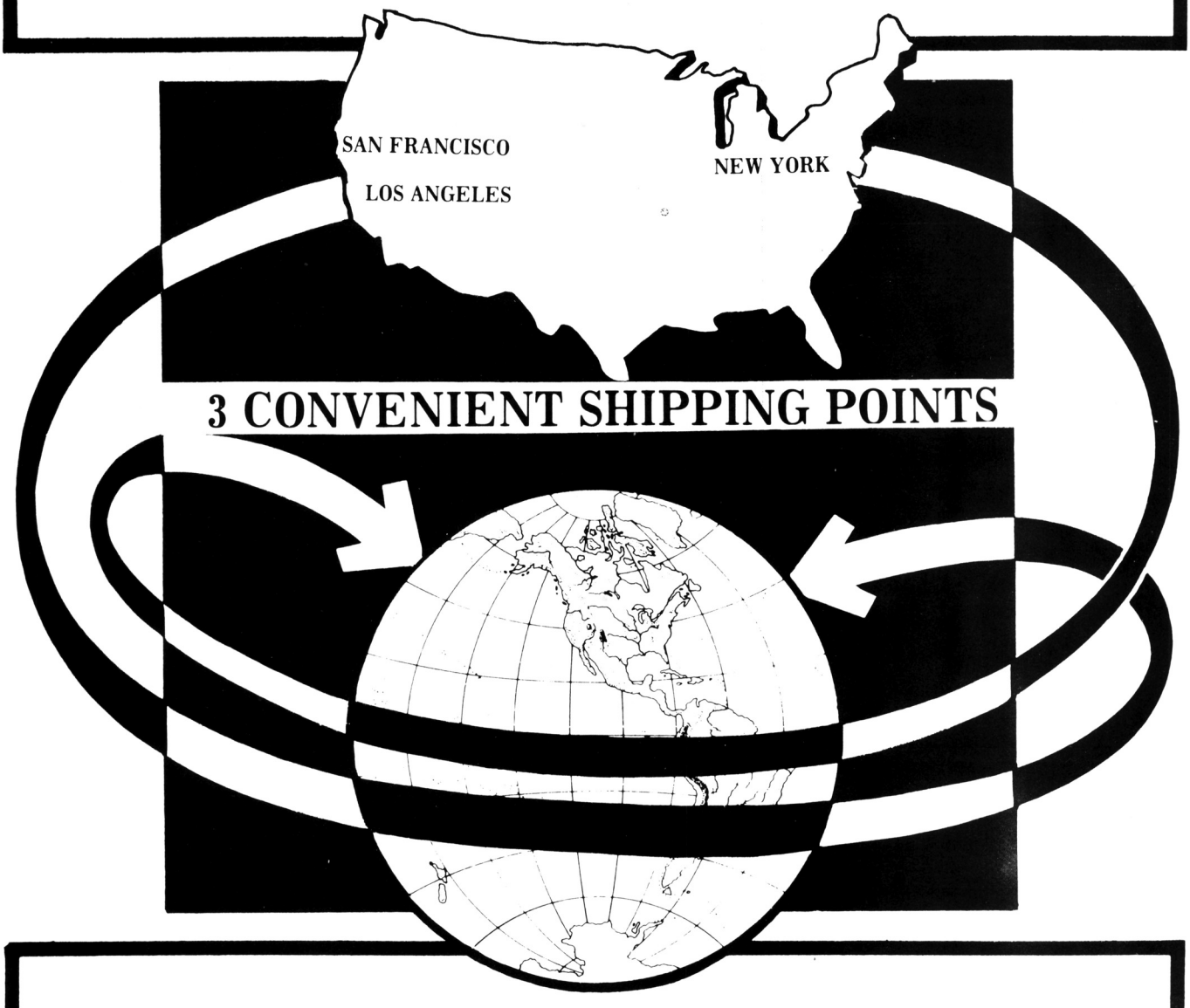


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**Evel Knievel**
Jun '77 4 PL (SS)

**Eight Ball**
Sep '77 4 PL (SS)

**Power Play**
Jan '78 4 PL (SS)

**Mata Hari**
Apr '78 4 PL (SS)

**Black Jack**
Jun '78 4 PL (SS)

**Strikes and Spares**
Jun '78 4 PL (SS)

**Lost World**
Aug '78 4 PL (SS)

**Six Million Dollar Man**
Oct '78 6 PL (SS)

**Playboy**
Dec '78 4 PL (SS)

*Also in EM versions were: MATA HARI in May '77 release; BLACK JACK in April '77; and EVEL KNIEVAL, Jan. '77 release.*

Supersonic
Mar '79 4 PL (SS)

Star Trek
Apr '79 4 PL (SS)

Kiss
Jun '79 4 PL (SS)


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Paragon
Jun '79 4 PL (SS)

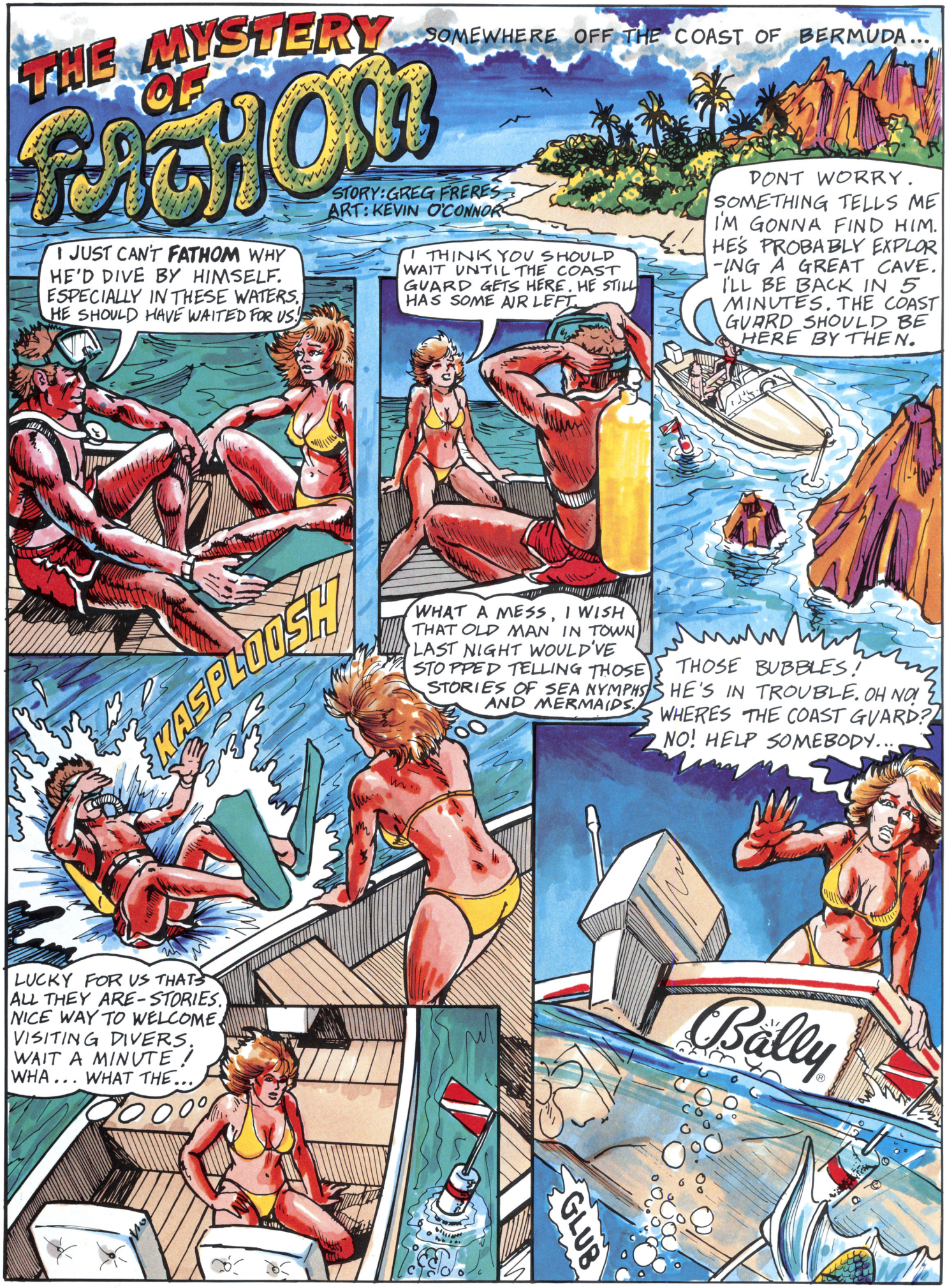
Harlem Globetrotters
Sep '79 4 PL (SS)

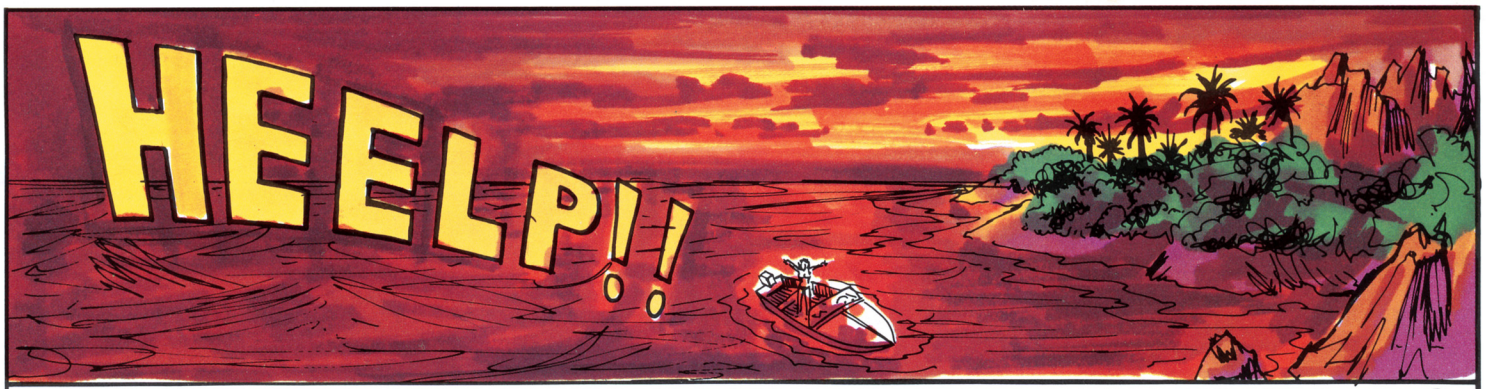
Dolly Parton
Nov '79 4 PL (SS)

Future Spa
Dec '79 4 PL (SS)

Groundshaker
Jan '80 4 PL (SS)

Silverball Mania
Feb '80 4 PL (SS)


THE MYSTERY OF FATHOM
STORY: GREG FRERES
ART: KEVIN O'CONNOR
SOMEWHERE OFF THE COAST OF BERMUDA...
I JUST CAN'T FATHOM WHY HE'D DIVE BY HIMSELF. ESPECIALLY IN THESE WATERS. HE SHOULD HAVE WAITED FOR US!
I THINK YOU SHOULD WAIT UNTIL THE COAST GUARD GETS HERE. HE STILL HAS SOME AIR LEFT.
DONT WORRY. SOMETHING TELLS ME I'M GONNA FIND HIM. HE'S PROBABLY EXPLOR-ING A GREAT CAVE. I'LL BE BACK IN 5 MINUTES. THE COAST GUARD SHOULD BE HERE BY THEN.
KASPLOOSH
WHAT A MESS, I WISH THAT OLD MAN IN TOWN LAST NIGHT WOULD'VE STOPPED TELLING THOSE STORIES OF SEA NYMPHS AND MERMAIDS.
THOSE BUBBLES! HE'S IN TROUBLE. OH NO! WHERES THE COAST GUARD? NO! HELP SOMEBODY...
LUCKY FOR US THAT'S ALL THEY ARE-STORIES. NICE WAY TO WELCOME VISITING DIVERS. WAIT A MINUTE! WHA... WHAT THE...
Bally
GLUB




WILL THE COAST GUARD ARRIVE IN TIME? WERE THOSE STORIES THE OLD MAN SPOKE OF JUST STORIES? FIND OUT. PLAY **FATHOM!**

Beware the Blue and Green in-line drop targets that guard the Lagoon and Cove Traps. They appear only after the balls are captured in the saucers.

Use the multi-ball feature to double or triple all playfield value, depending upon how many balls are in play.

Spear the center 1-2-3 drop targets in sequence to light the extra ball stationary target and advance the bonus 5x. Hurry! You have a limited amount of time to hit it before your air runs out!

Release the captive balls and multiply the corresponding bonus by dropping the in-line drop targets, or the three Blue or Green left side targets when in-lines are not up. The in-line drop targets can be activated by remote control from the left side drop targets, which also multiply the bonus from 3x through 5x when a ball is not captive.

Explore the depths of the playfield through the Blue and Green bonus features. Color-coded targets, roll-overs and lanes advance the bonuses from one to three advances.

Dive through the A-B-C Rollover lanes to advance either the Blue or Green bonus. The right flipper button rotates the lane lights; each completion of the three lane sequence qualifies different lanes for points, then others for Specials.

Bally®

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**Space Invaders**
**Mar '80** **4 PL (SS)**

**Rolling Stones**
**May '80** **4 PL (SS)**

**Mystic**
**Jun '80** **4 PL (SS)**

**Hot Doggin'**
**Jul '80** **4 PL (SS)**

**Viking**
**Jul '80** **4 PL (SS)**

**Skateball**
**Nov '80** **4 PL (SS)**

**Frontier**
**Dec '80** **4 PL (SS)**

**Xenon**
**Dec '80** **4 PL (SS)**

**Flash Gordon**
**Feb '81** **4 PL (SS)**

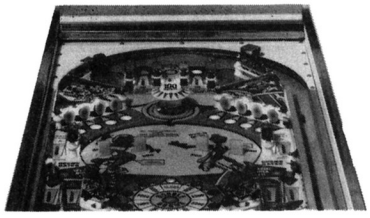
*SPACE INVADERS: Trend-setting design, with 'infinity' backglass lights and integration of 'alien' art into playfield. XENON: Multi-ball play and transport tube. FLASH GORDON: Two-level playfield.*

**8-Ball Deluxe**
**Apr '81** **4 PL (SS)**

**Fireball II**
**May '81** **4 PL (SS)**

**Embryon**
**Jun '81** **4 PL (SS)**

centuri



**Dyn O'Mite**
**Mar '76** **2 PL (SS)**

**Getaway**
**Nov '77** **4 PL (SS)**

Game Plan, inc.

**Sharpshooter**
**May '79** **4 PL (SS)**

**Coney Island**
**Jan '80** **4 PL (SS)**

*"CENTURI" is the new brand name for Allied Leisure Industries.*
*At Game Plan, SUPER NOVA was introduced in 1980, but no photos were available for inclusion here.*

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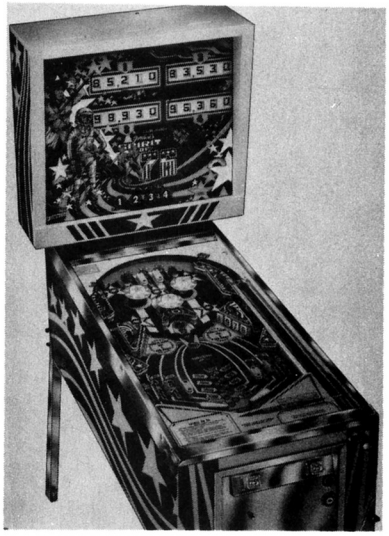
Pinball Lizard
Jul '80 4PL (SS)

D. Gottlieb & Co.

Royal Flush
Apr '76 4 PL (EM)

Volley
Oct '76 1 PL (EM)

Target Alpha
Nov '76 4 PL (EM)



Sprit of '76
Dec '76 4 PL (EM)

Jacks Open
Jan '77 1 PL (EM)

Solar City
Feb '77 2 PL (EM)

Bronco
Mar '77 4 PL (EM)

*TARGET ALPHA and SOLAR CITY are sisters to 1-player* El Dorado, *of April '75 release.*

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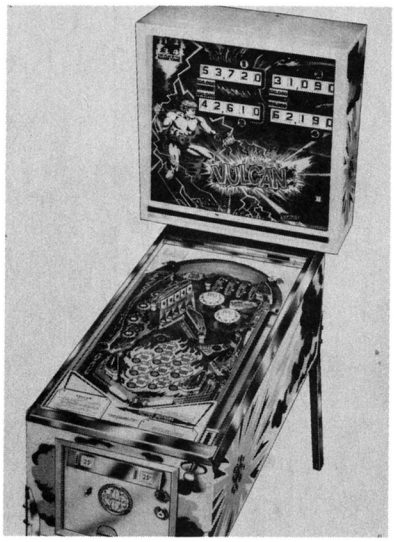
**Jungle Queen**
**May '77** **4 PL (EM)**

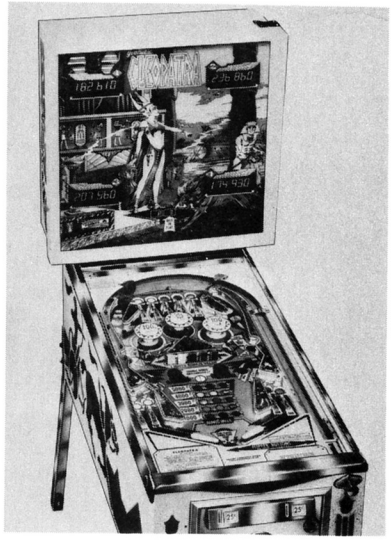
**Centigrade 37**
**Aug '77** **1 PL (EM)**

**Jungle Princess**
**Aug '77** **2 PL (EM)**

**Jet Spin**
**Aug '77** **4 PL (EM)**




**Vulcan**
**Oct '77** **4 PL (EM)**




**Cleopatra**
**Dec '77** **4 PL (SS)**

**Sinbad**
**Feb '78** **4 PL (SS)**

**Joker Poker**
**Jun '78** **4 PL (SS)**

**Close Encounters**
**Aug '78** **4 PL (SS)**

*CLEOPATRA, Gottlieb's first solid state pingame, had EM versions, called* Pyramid *as a 2-player model.*

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Feb '79 4 PL (SS)

Count Down
Apr '79 4 PL (SS)

Pinball Pool
June '79 4 PL (SS)

Totem
Aug '79 4 PL (SS)

Genie
Aug '79 4 PL (SS)

*GENIE bowed-in as Gottlieb's wide body.*

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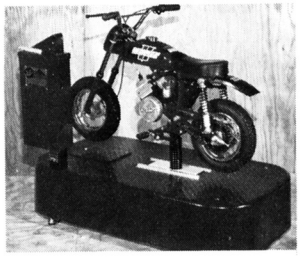
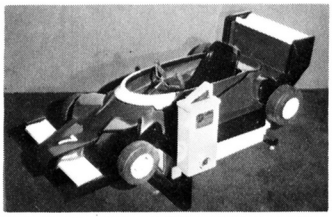


**MOTORCYCLE**



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Incredible Hulk
Oct '79 4 PL (SS)

Buck Rogers
Dec '79 4 PL (SS)

Roller Disco
Feb '80 4 PL (SS)

Torch
Feb '80 4 PL (SS)

Spider Man
Mar '80 4 PL (SS)

Panthera
May '80 4 PL (SS)

NEW AMAZING

Manufactured under the license of Sigma. Venture Line will protect its proprietory rights against infringers of "Spiders".

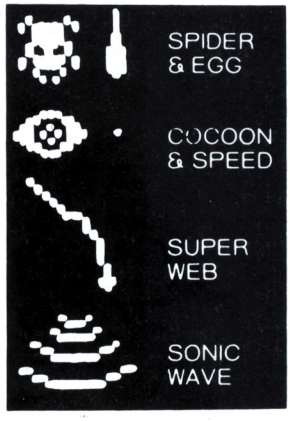
***Invasion from the profound cosmos.***
***Aliens ecormously growing and ominously propagating, Spiders!***
***"Spiders" offers magnificient screen pictures***
***by adopting full graphic (full Bit Color) hardware.***
***It is never possible by conventional video game.***
***Now coming new era of video game-Sigma's "Spiders"!!***

# SPIDERS

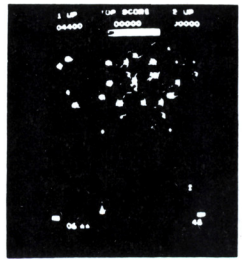
## AVAILABLE UP-RIGHT/COCKTAIL TABLE (19")

### How to play

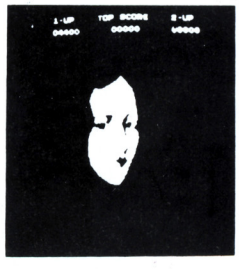
- 1 game...1 player- 25¢ /2 players-50¢
- Press the button of 1 player or 2 players
- Move player's gun right and left by control lever and destroy Spider's web (cocoon), repeatedly attacking Spiders and super web.
- Upon hitting white Spider, bonus point is awarded-It becomes higher as pattern progresses.
- At 15000 points, one player's gun is added (Adjustable)
- When all player's guns are destroyed or 16 (adjustable) Spiders make landing on the earth, the game is over. (Every time one Spider makes landing, green Spider's belt is formed)
- Every time one super web is hit, one Spider's belt is vanished.



Giant Spider appearing upon game start



offensive and defensive battle in full graphic magnificient screen



"Space Mona-Lisa" appearing upon end of 3 patterns. Imagine what is it in next pattern!

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Circus
Jun '80 4 PL (SS)

Counterforce
Aug '80 4 PL (SS)

Star Race
Oct '80 4 PL (SS)

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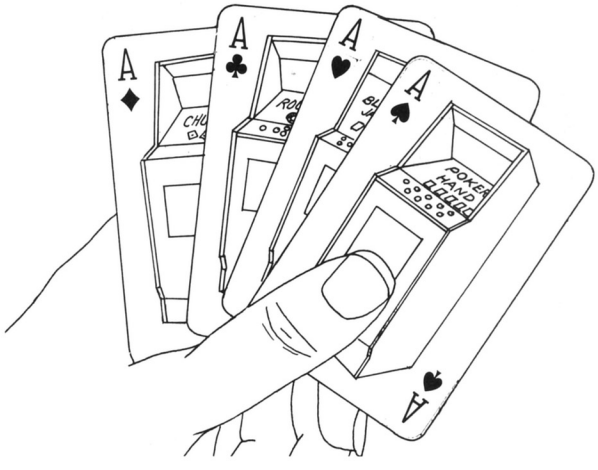

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**James Bond**
**Oct '80** **4PL (SS)**

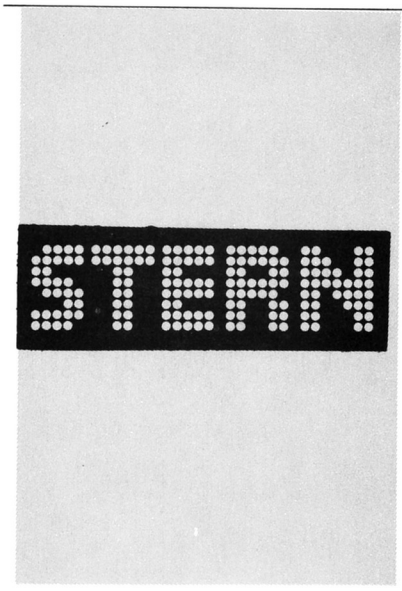
**Time Line**
**Nov '80** **4 PL (SS)**

**Force II**
**Jan '81** **4PL (SS)**

**Pink Panther**
**Mar '81** **4PL (SS)**

**Mars**
**Apr '81** **4PL (SS)**

**Volcano**
**Jul '81** **4PL (SS)**



**Stampede**
**Oct '76** **2 PL (EM)**

**Rawhide**
**Nov '76** **4 PL (EM)**

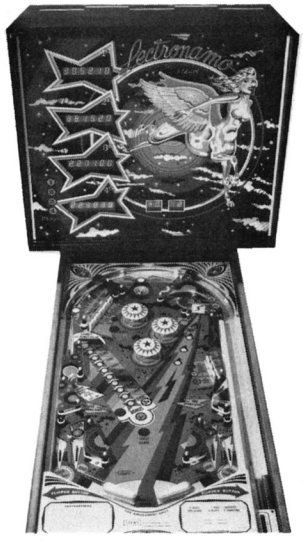
*TIME LINE, like BOND, featured play* timing, *in its case had a 'time zone' mini-playfield that required players to complete targets before ball transferred down to main flippers.*

Pinball
Aug '77 4 PL (SS)

Stingray
Dec '77 4 PL (SS)

Stars
Mar '78 4 PL (SS)

Memory Lane
Jun '78 4 PL (SS)




Lectronamo
Aug '78 4 PL (SS)

Wild Fyre
Oct '78 4 PL (SS)

Nugent
Nov '78 4PL (SS)

Dracula
Jan '79 4 PL (SS)

Trident
Mar '79 4 PL (SS)

***PINBALL** was first released in an **EM** version.*

Hot Hand
Jun '79 4 PL (SS)

Magic
Aug '79 4 PL (SS)

Meteor
Sep '79 4 PL (SS)

Galaxy
Jan '80 4 PL (SS)

Ali
Mar '80 4 PL (SS)

Big Game
Mar '80 4 PL (SS)

Seawitch
May '80 4 PL (SS)

Cheetah
Jun '80 4 PL (SS)

Quicksilver
Jun '80 4 PL (SS)

*METEOR's special audio system featured part of the sound track from a movie released shortly after the pingame debuted. BIG GAME: Stern's first wide-body pin.*

**Star Gazer**
**Sep '80** **4PL (SS)**

**Flight 2000**
**Oct '80** **4PL (SS)**

**Nine Ball**
**Nov '80** **4PL (SS)**

**Freefall**
**Mar '81** **4PL (SS)**

**Lightning**
**Apr '81** **4PL (SS)**

**Split Second**
**Jul '81** **4PL (SS)**

Williams® ELECTRONICS, INC.

**Space Mission**
**Jan '76** **4 PL (EM)**

**Blue Chip**
**Nov '76** **1 PL (EM)**

*FREEFALL: Multi-ball play. the playfield; bi-level.* *LIGHTNING: Awards bonus time for a free game, counted by a digital display on*

**Grand Prix**
Dec '76 4 PL (EM)

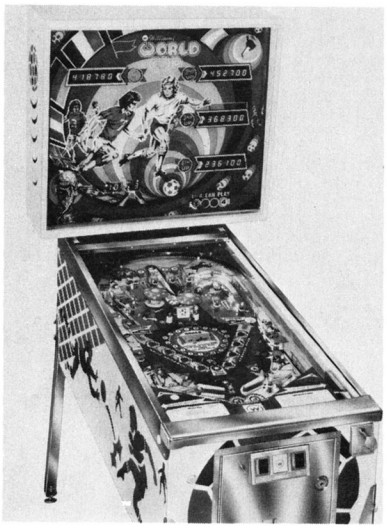
**Liberty Bell**
Apr '77 2 PL (EM)

**Big Deal**
May '77 4 PL (EM)

**Wild Card**
Oct '77 1 PL (EM)

**Hot Tip**
Nov '77 4 PL (SS)

**Lucky Seven**
Mar '78 4 PL (SS)




**World Cup**
May '78 4 PL (SS)

**Contact**
Jun '78 4 PL (SS)

**Disco Fever**
Jun '78 4 PL (SS)

*HOT TIP: first Williams solid state pin. WORLD CUP incorporated electronic sounds.*
*DISCO FEVER: introduced curved flippers.*

Pokerino

Dec '78 4 PL (SS)

Phoenix

Dec '79 4 PL (SS)

Flash

Jan '79 4 PL (SS)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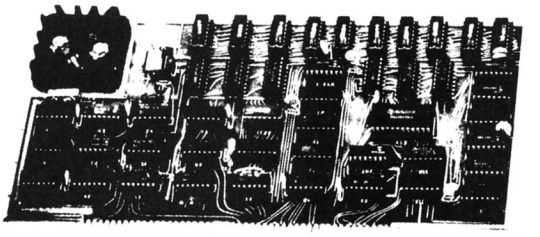

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Stellar Wars
May '79 4 PL (SS)

Tri Zone
Aug. '79 4 PL (SS)

Time Warp
Sep '79 4PL (SS)

Laser Ball
Dec '79 4 PL (SS)

Gorgar
Dec '79 4 PL (SS)

Firepower
Mar '80 4 PL (SS)

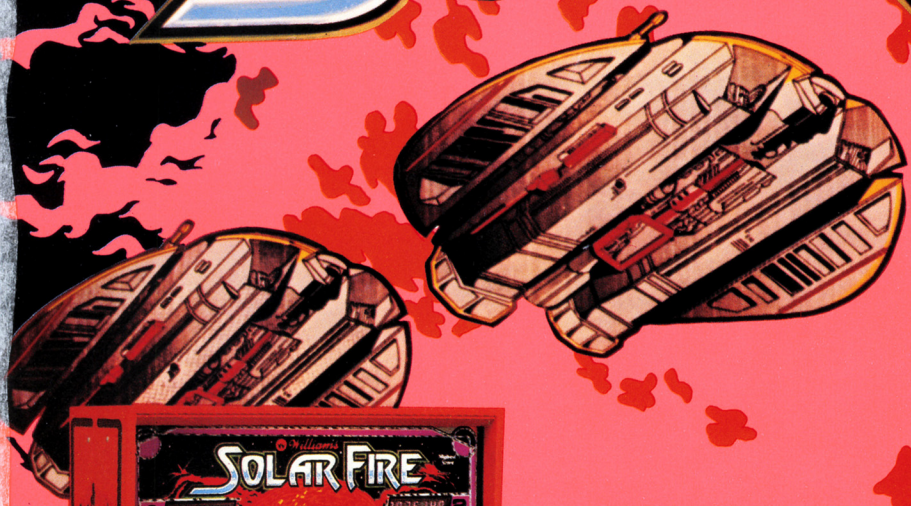
Blackout
Oct '80 4 PL (SS)

Scorpion
Oct '80 4 PL (SS)

Alien Poker
Nov '80 4PL (SS)

# Williams®

# SOLAR FIRE



Height: 69½"; Depth: 53"
Width (cabinet): 22½"
Width (backbox): 30¼"
Weight: 290 lbs.
Instruction manual in game.

*Suddenly a terrifying explosion rips through the sun and raging fires burn out of control! The red hot solar fires spawn a demonic breed of alien, a breed never before known to man!*

***Your mission:*** *To fight off the alien menace and extinguish the fires that feed their powers!*

# Your weapons:

**"Flash Bank"**
This is your secret weapon, unique in its configuration and scoring power! Dropping a target in the upper 4-bank stops the cycling light at 20,000, 40,000, 60,000, 80,000 or 100,000 points. Completing the bank within the time limit collects the lit score . . . up to a possible 600,000 points!

**"Black Hole"**
Completing the upper 3-bank advances the "Black Hole" value from 25,000 to 50,000 to Drain Shield! Completing the bank before the timer runs down spots a letter in F-I-R-E for 20 seconds of double scoring across the entire playfield! Spotting F-I-R-E lights the stand-up target for Special!

**"Alien Eject"**
Making either bottom 3-bank randomly spots 1 of 3 locks for the "Alien Eject" holes! Lock 2 balls for 2-ball Multi-Ball™; lock 3 for 3-ball Multi-Ball™!

**"Solar Target"**
Hitting the "Solar Target" while the lights cycle spots a lit letter in S-O-L-A-R for a progressive Bonus Multiplier of 2X, 3X, 4X, 5X to 6X for each letter achieved. Spot S-O-L-A-R for automatic Extra Ball!

**"Solar Gun"**
Complete either lower 3-bank within the time limit to advance the "Solar Gun" timer 3 seconds, 5 seconds, 10 seconds! Hit the "Solar Gun" Charger and score 10,000 for every second "Solar Gun" shoots!

**"Mystery Bonus"**
Left inside rollover lane lights ramp for "Mystery Bonus"! Make right ramp to collect Mystery Score, spot a letter in S-O-L-A-R or light Magna-Save™ or Drain Shield!

**"Playfield Bonus" and "Multi-Ball™ Bonus"**
The sum of lit numbers gives you your "Playfield Bonus"! During Multi-Ball™ play, get a "Multi-Ball™ Bonus" every time you get a "Playfield Bonus"!

**"Magna-Save™"**
Making any 3-bank lights "Magna-Save™"!

# SOLAR FIRE

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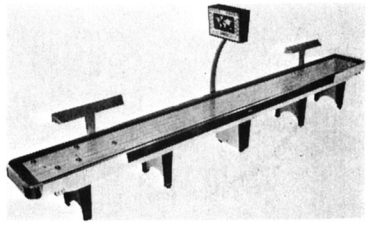
**Black Knight**
**Dec '80** **4PL (SS)**

**Jungle Lord**
**Mar '81** **4PL (SS)**

**Pharaoh**
**Jul '81** **4PL (SS)**

**Shuffleboards will be great in the '80s!**



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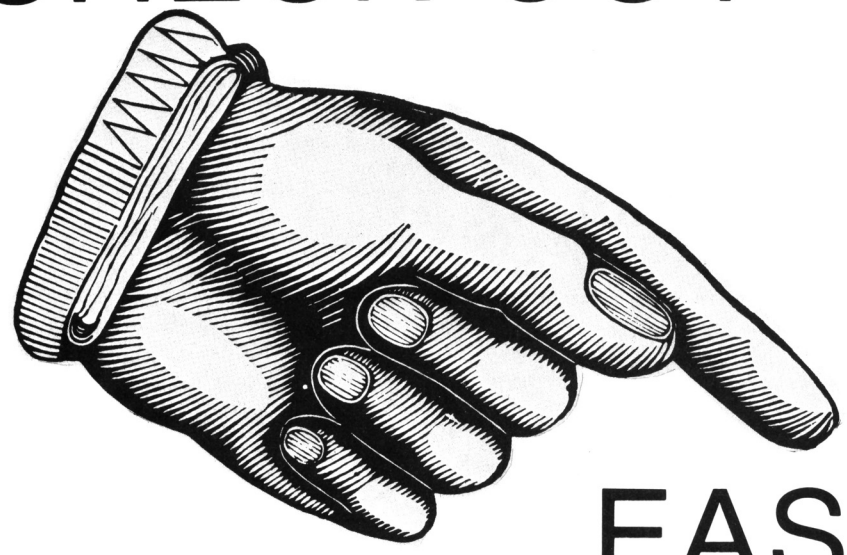

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# 1978-1981

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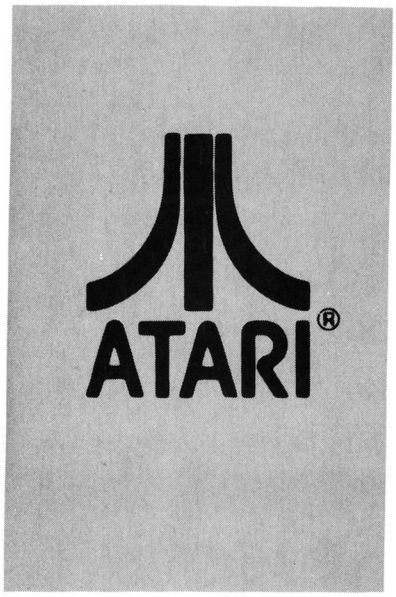
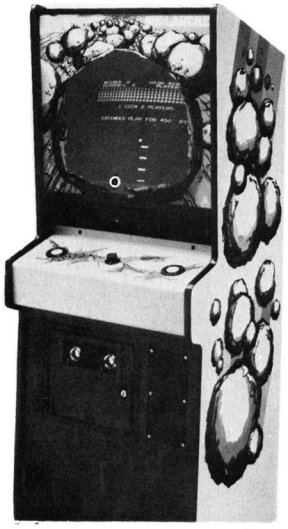


**Sprint One**
Jan '78 — 1 PL

**Sky Raider**
Mar '78 — 1 PL



**Avalanche**
Apr '78 — 2 PL

**Fire Truck**
Jun '78 — 2 PL

**Skydiver**
Jun '78 — 2 PL

**Smokey Joe**
Jul '78 — 1 PL

**Hercules**
Apr '79 — 4 PL (SS)

**Basketball**
May '79 — 2 PL

*ABBREVIATIONS indicating different modes, as used throughout the Arcade/Video section:* sln: *also in a 'slender' or 'midsize' version;* sit: *sitdown version also was made;* ckt: *cocktail table version was produced.*

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**Subs**
**May '79** **2 PL**

**Lunar Lander**
**Sep '79** **2 PL**

**Asteroids**
**Nov '79** **ckt, sln 2 PL**

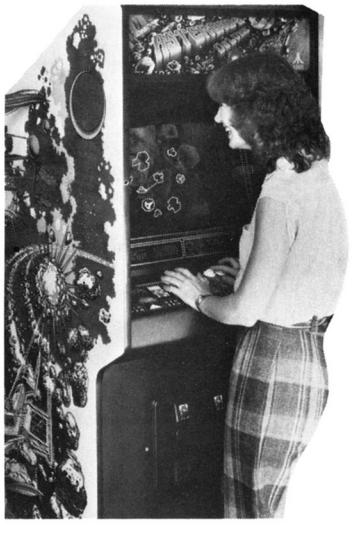
**Monte Carlo**
**Apr '80** **1 PL**

**Asteroids/Cabaret**
**Jun '80** **2 PL**

**Missile Command**
**Jun '80** **ckt, sit 2 PL**

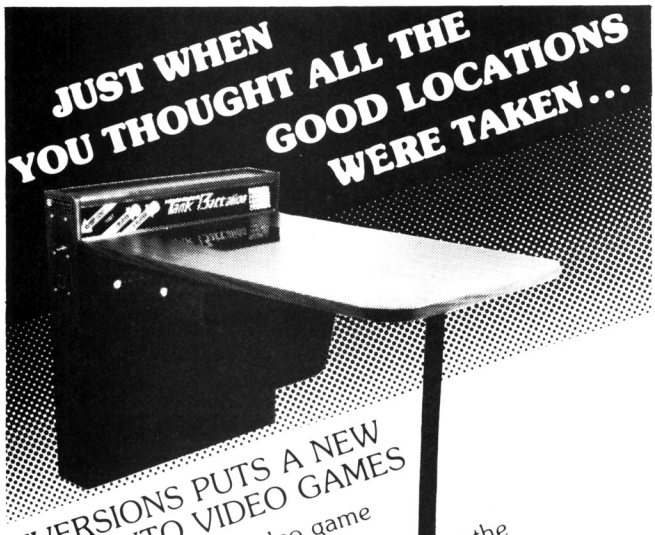
**Missile Command/Cabaret**
**Sep '80** **2 PL**

**Battlezone**
**Nov '80** **sln 1 PL**



**Asteroids Deluxe**
**Apr '81** **sln 1 or 2 PL**

*ASTEROIDS' 'three-dimensional' space fighting was made even more vivid with the DELUXE successor.*

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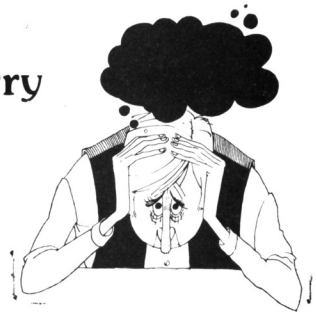

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# CENTRAL

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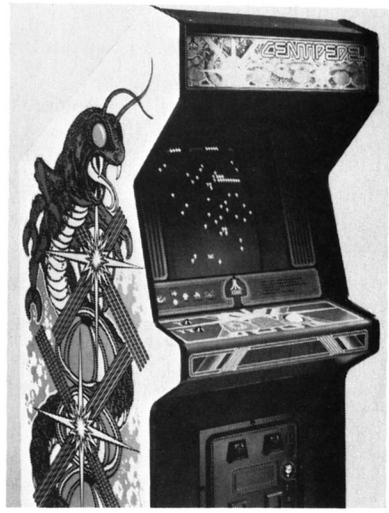
**Red Baron**
**May '81** **sit 1 PL**

**Warlords**
**May '81** **ckt 1 or 2 PL**




**Centipede**
**Jun '81** **sln, ckt 1 or 2 PL**

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AMSTAR

**Laser Base**
**Jul '81** **1 or 2 PL**

centuri

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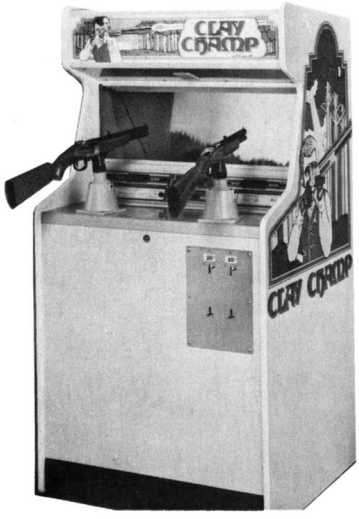


**Clay Champ**
**Jun '79** **2 PL**

**Eagle**
**Oct '80** **1 or 2 PL**

**Phoenix**
**Mar '81** **1 or 2 PL**

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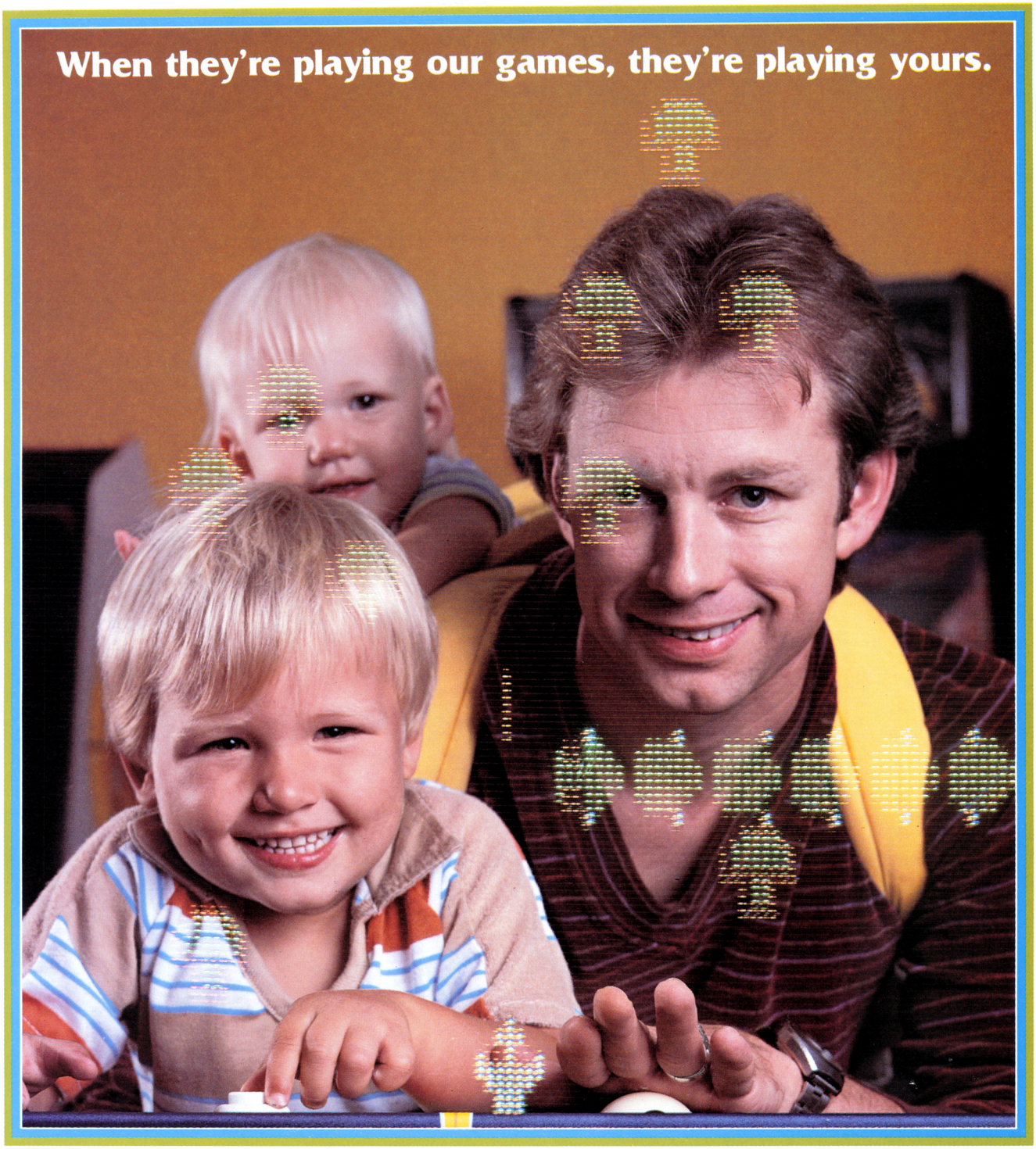
Red Baron *was later introduced in upright models*

# When they're playing our games, they're playing yours.



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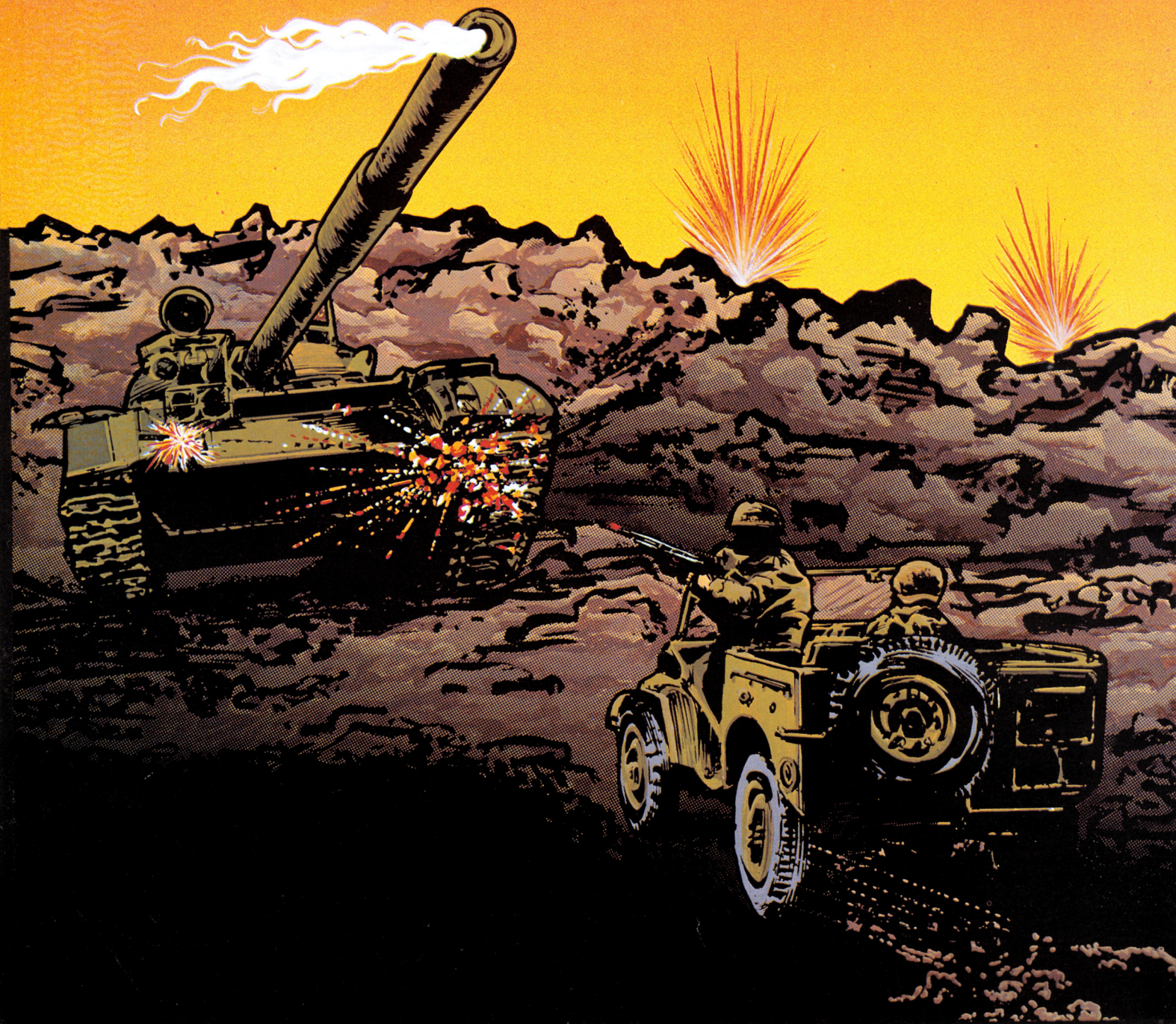
# ARMOR... ...ATTACK



# ARMOR... ATTACK

## FEATURES

- Unprecedented realism with patented Vectorbeam™ monitor.
- New 16k memory leads to more action on the screen.
- Difficulty of game increases with player's score, leading to greater and greater challenges as player skill increases.
- One- or two-player option: Two-player mode allows both players to play at the same time. Thus doubling coin take on location.

## HOW TO PLAY

- Patrol city by driving your Jeep through the streets, destroying enemy tanks and helicopters.
- The first hit of a tank destroys the body, immobilizing it and giving player 20 points. Second hit on tank destroys it and gives player additional 30 points.
- Destroying helicopter increases tank bonus by 10 points. After 5 helicopters are destroyed, player receives extra Jeep.

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Weight (Boxed): 280 lbs.

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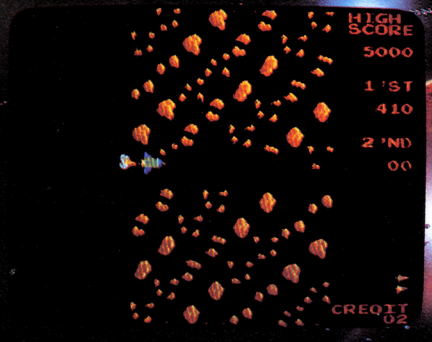
™

Nichibutsu ™




THE INVASION OF STRONG ENEMY FORCES AND THE PRINCE OF DARKNESS A DECISIVE CHALLENGE AGAINST THE COMING DICTATORSHIP OF THE UNIVERSE.

MS-18001

MSA-8001

**SPECIFICATION**

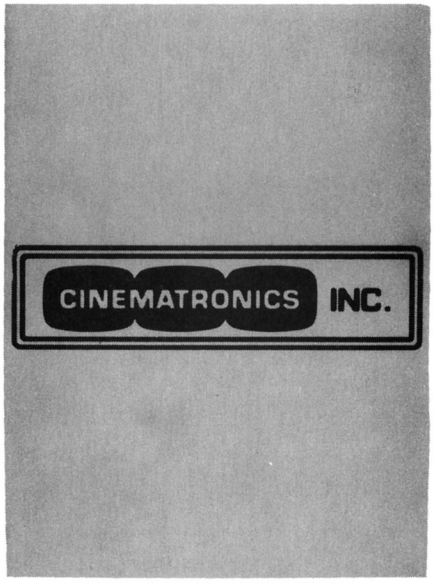
| | TABLE MODEL No.MS-18001 | TABLE MODEL No.MS-28001 | UPRIGHT MODEL No.MSA-8001 | CHILD UPRIGHT MODEL No.MSC-8001 |
|---|---|---|---|---|
| C.R.T. | 14INCH | 20INCH | 20INCN | 14INCH |
| Width | 850mm | 870mm | 600mm | 466mm |
| Depth | 545mm | 560mm | 690mm | 560mm |
| Height | 625～765mm (Can be adjusted in five stages) | 685～825mm (Can be adjusted in five stages) | 1625mm | 1375mm |
| Power Source | 100V～240V/ 100W | 100V～240V/ 110W | 100V～240V/ 110W | 100V～240V/ 100W |


**Nichibutsu**
**Nihon Bussan Co.,Ltd.**
**HEAD OFFICE:**
12-9, 1-chome, Tenjinbashi, Kita-ku, Osaka, Japan
TEL.(06)353-5211 TELEX 523-6891 NCBCOL J

**Nichibutsu U.S.A. Corp.**
1815 W. 205th St. Unit #302 Torrance, California, 90501, U.S.A.
TEL. (213) 320-5855 TELEX 9103496664 NCBTUSA TRNC

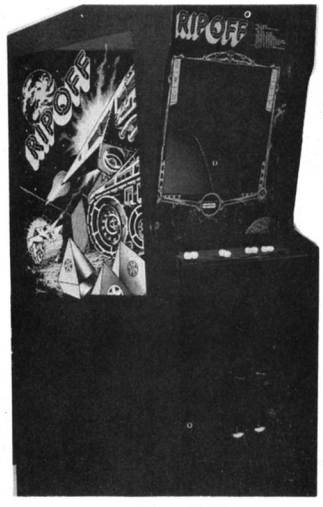
**Route 16**
**May '81** **1 or 2 PL**

**Pleiades**
**Jul '81** **ckt 1 or 2 PL**



**Space Wars**
**Sep '78** **2 PL**

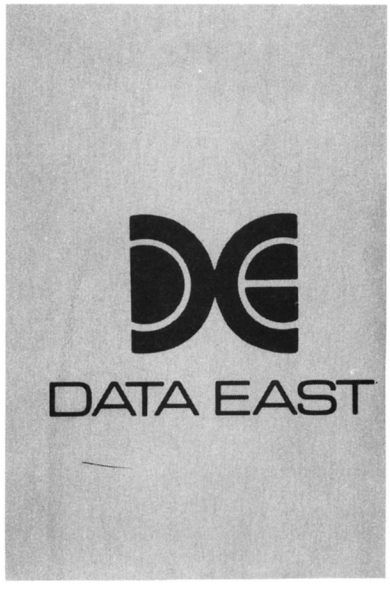
**Sundance**
**Nov '79** **2 PL**



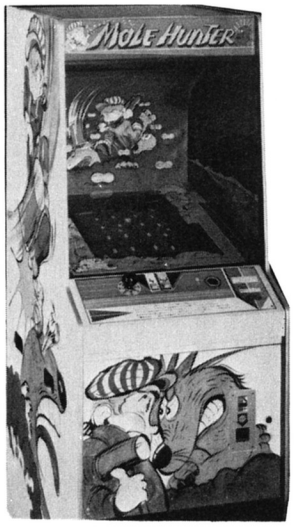

**Rip Off**
**Mar '80** **2 PL**

**Star Castle**
**Nov '80** **ckt 1 or 2 PL**

**Armor Attack**
**May '81** **1 or 2 PL**




*RIP OFF as a cocktail was marketed ~~soley~~ by Centuri, Inc.*




**Mole Hunter**
**Jul '80** **2 Pl**

**Mad Alien**
**Nov '80** **1 or 2 PL**

**Astro Fantasia**
**Apr '81** **Cassette mode**

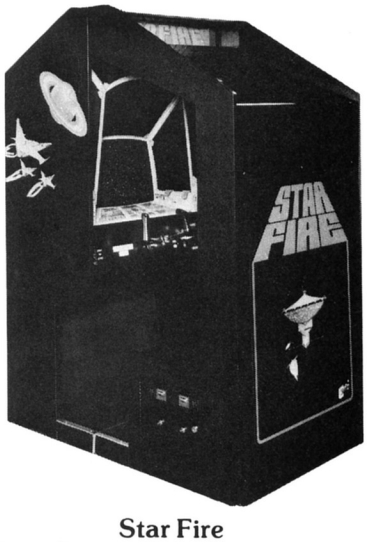
**Elcon Industries**

**Cosmic Attackers**
**May '79** **2 PL**

**Electro-Sport**

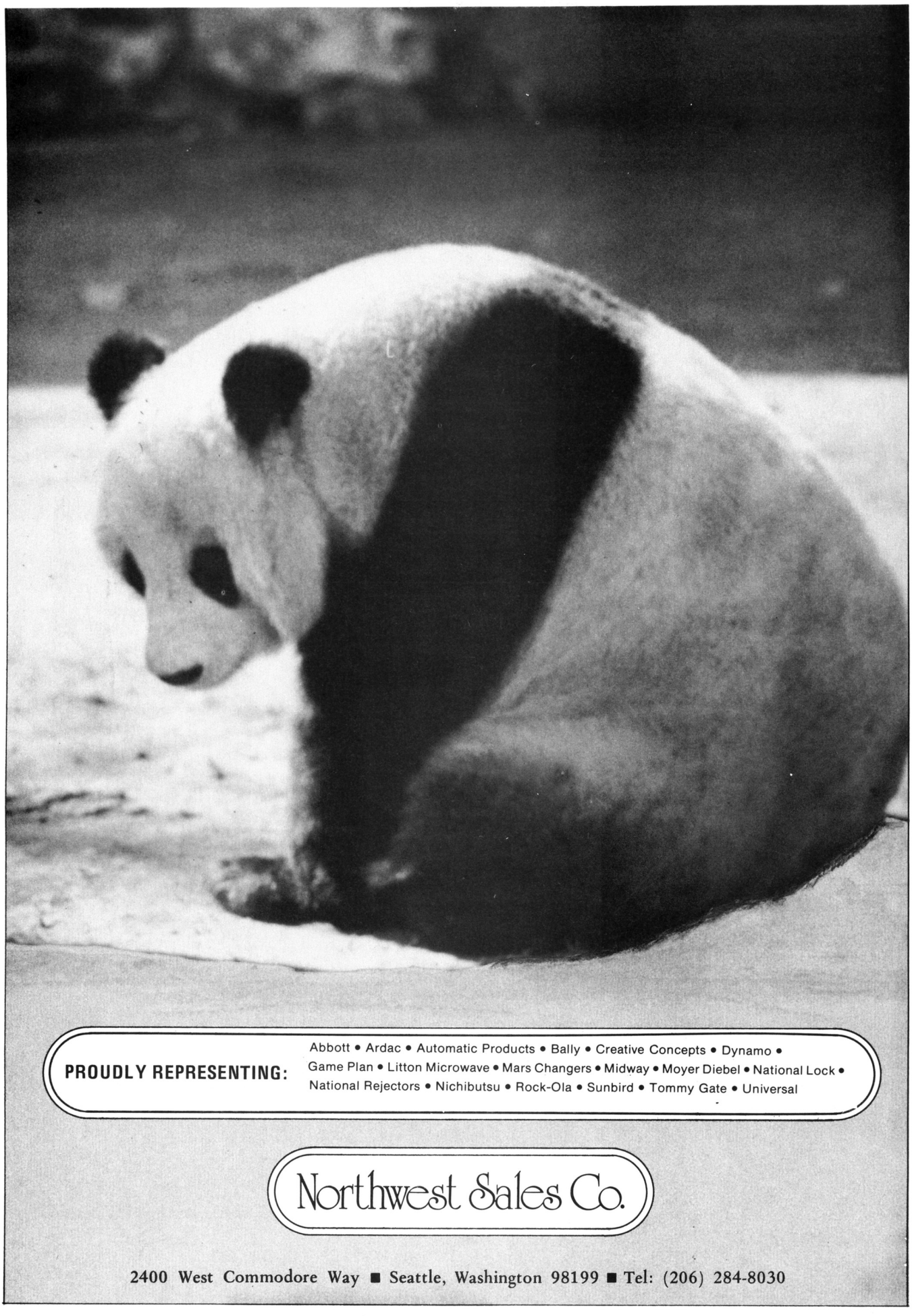
**Tomahawk Missile**
**Nov '80** **1 or 2 PL**

**Exidy inc.**




**Star Fire**
**Dec '78** **1 PL**

*ASTRO FANTASIA: First in the Data East interchangeable game system; original cabinet took on a new game appearance with appliques; a tape cassette re-programmed the game, as with the second Deco, LOCK 'N' CHASE.*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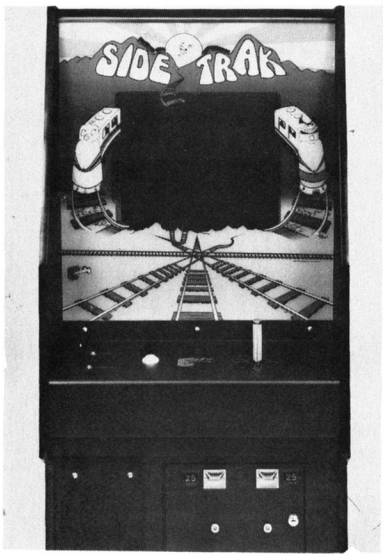
Rip Cord
May '79 2 PL

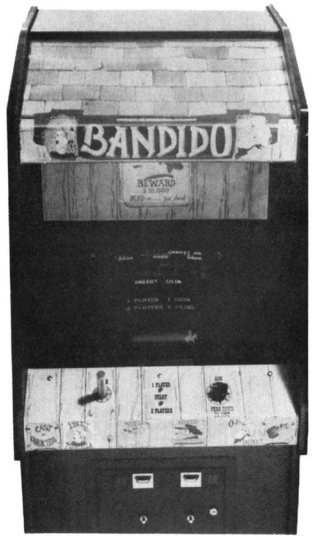
Crash
Jun '79 1 PL

Fire One
Nov '79 2 PL



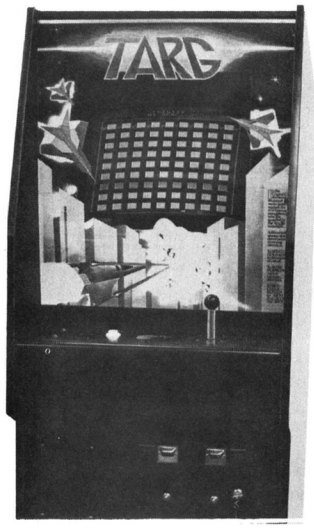

Side Trak
Dec '79 2 PL

Star Fire
Jan '80 1 PL




Bandido
Jan '80 2 PL

Tailgunner 2
Jan '80 1 PL




Targ
May '80 ckt 1 or 2 PL

Spectar
Dec '80 ckt 1 or 2 PL

*SPECTAR, in full upright and a mini version, was a variant of Exidy's* **TARG** *in play features, with added challenge elements.*

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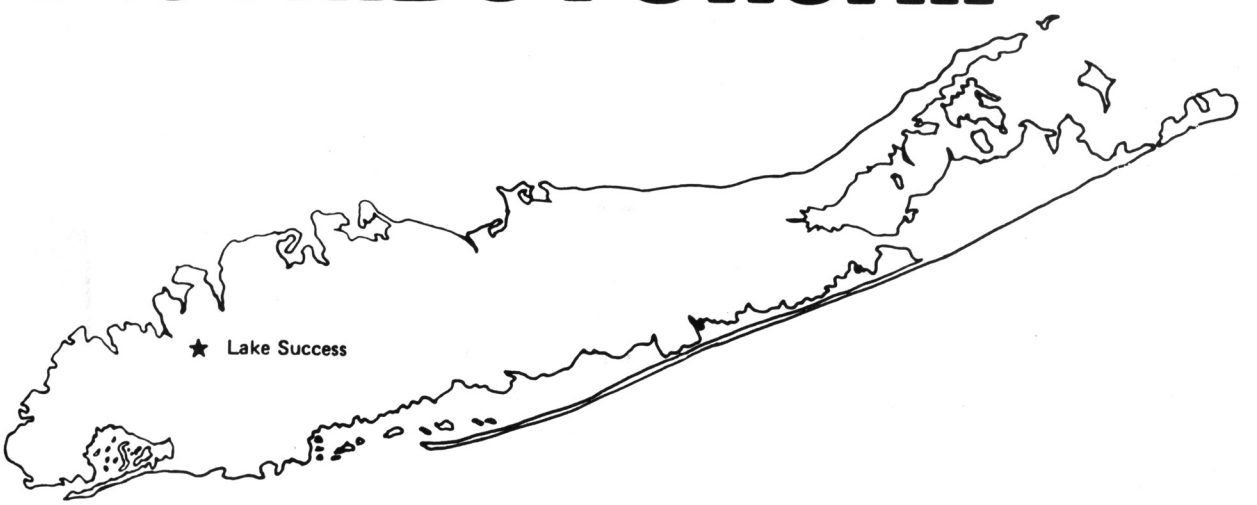


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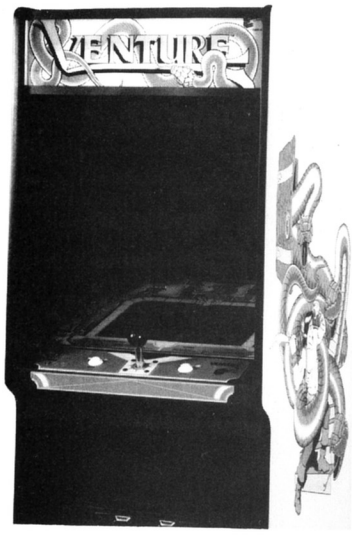


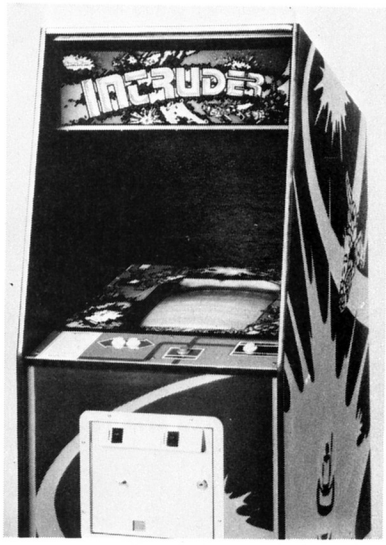

**Venture**
**Jul '81** **1 or 2 PL**

GAT
GAME·A·TRON

**Zap**
**Mar '80** **2 Pl**

**Space Bugger**
**Mar'81** **1 or 2 PL**

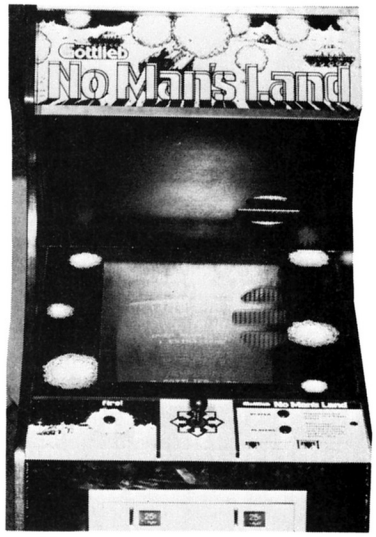
Game
Plan, inc.




**Intruder**
**Mar'81** **1 or 2 PL**

**Killer Comet**
**May '81** **2 PL**

Gottlieb
AMUSEMENT GAMES




**No Man's Land**
**Dec '80** **2 PL**

*KILLER COMET: Licensed by Centuri, Inc.; optional left- and right-hand controls.*

# *Your Boom Ball will never look like this!*

**Why is that? The seats are empty. Boom Ball has proved itself to be such an attraction in arcades and amusement parks throughout America that some operators have commented to us they thought the paying customers came with the game.**

***So take a good look at the picture above. This is really all we sell. Boom Ball does not supply the people. It attracts them.***

**Boom Ball is available in banks of three and up.**

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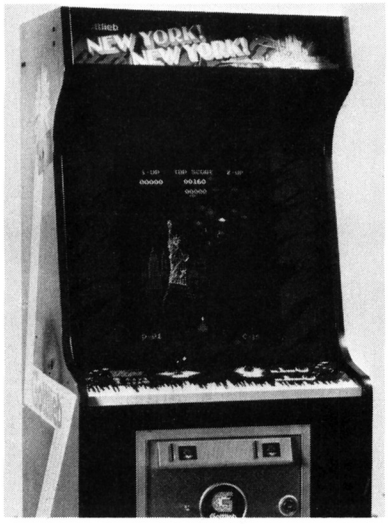
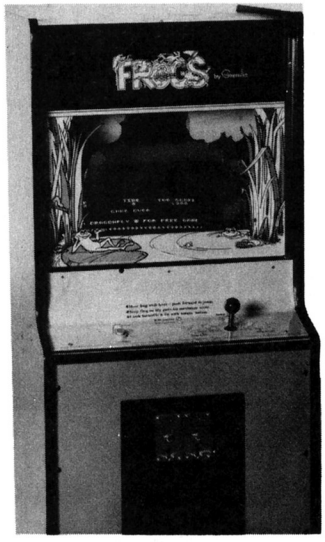



**New York! New York!**
**Jan '81** **1 or 2 PL**

**Blasto**
**Apr '78** **2 PL**

**Gee Bee**
**Jun '78** **2 PL**

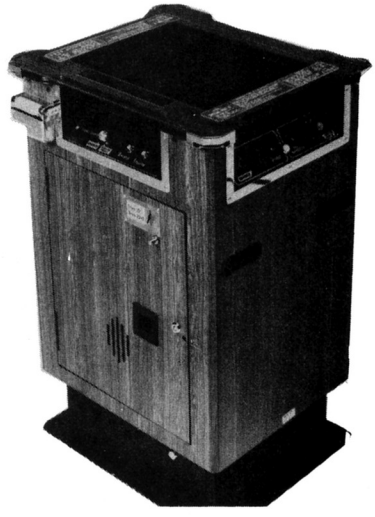



**Frogs**
**Oct '78** **1 PL**

**Head-On**
**May '79** **2 PL**

**Invinco/Head On 2**
**Mar '80** **2PL**

**Deep Scan/Head On 2**
**Mar '80** **2 PL**



**Slimline**
**Mar '80** **1 or 2 PL**

*Gremlin's 'Dual' game concept includes an* Invinco/Deep Scan, *model not shown above.*

# Our Consultants are Young, Sharp and Full of Ideas.

Today's coin-operated video game players are technologically sophisticated. As electronic technology has advanced, so have the skills and expectations of the players. They're discriminating. They demand exciting, challenging game play. Your profit margin depends on satisfying their demands. How? It's simple when you select Sega/Gremlin games. Sega/Gremlin is always one step ahead, anticipating the growing demands of an uncompromising market.

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For more information contact: Gremlin Industries Inc., 8401 Aero Drive, San Diego, CA 92123 TLX: 910-355-1621

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SPACE FURY By Sega/Gremlin. The first color X,Y System

SEGA® /Gremlin®

Monaco G.P.
Mar '80 1 PL

Astro Fighter
Apr '80 2 PL

Pro Monaco G.P.
Jun '80 1 PL

Carnival
Jul '80 2 PL

Digger
Jul '80 2 PL

Tranquilizer Gun
Aug '80 1 PL

Moon Cresta
Nov '80 1 or 2 PL

Space Firebird
Jan '81 1 or 2 PL

Astro Blaster
Feb '81 1 or 2 PL

*MOON CRESTA: Licensed from Nichibutsu for North American marketing. SPACE FIREBIRD: Licensed from Nintendo of Japan. ASTRO BLASTER: Gremlin's first talking video; voices instruct and warn player.*

# Again it's Defender.
# Still no contender.

## #1 video – Defender

**RePlay Magazine**
**THE PLAYERS' CHOICE**
April, 1981
May, 1981
August, 1981

**Play Meter**
**EQUIPMENT POLL**
August 15, 1981
September 15, 1981

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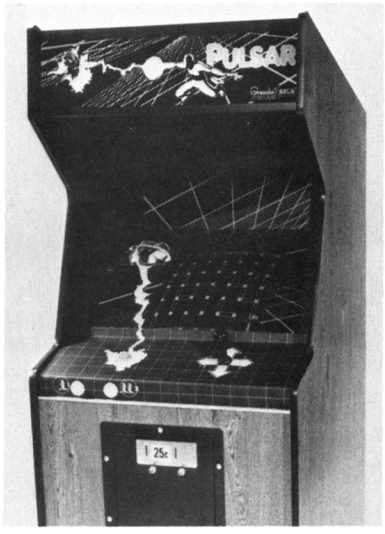
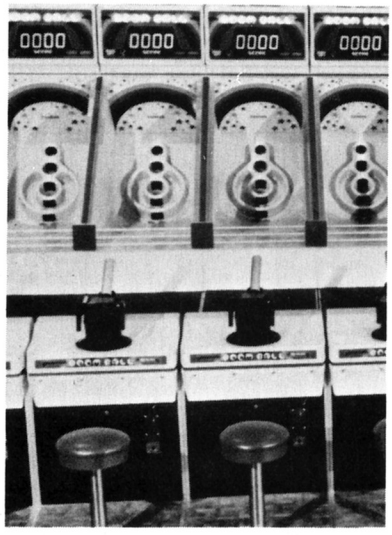



**Pulsar**
**Apr '81** **1 or 2 PL**

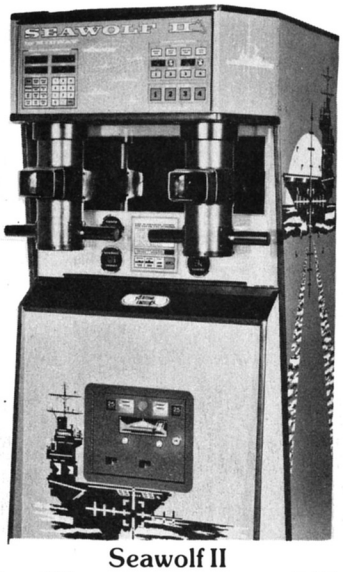
**meltec**



**Boom Ball**
**Mar '78** **3-20 PL**

**MIDWAY MFG. CO.**

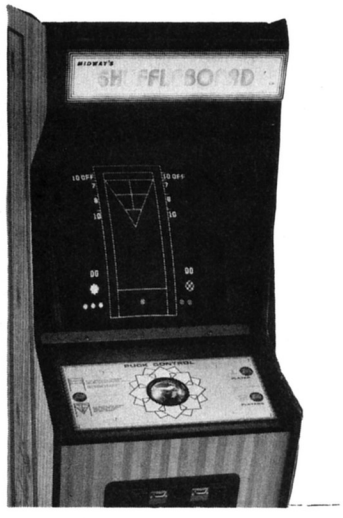
**Extra Inning**
**Mar '78** **2 PL**




**Seawolf II**
**Apr '78** **2 PL**

**Space Walk**
**Jul '78** **2 PL**

**Dog Patch**
**Aug '78** **2 PL**



**Shuffleboard**
**Sep '78** **2 PL**

*Meltec purchased interest in all Ramtek games in 1980. Only BOOM Ball is currently marketed.*

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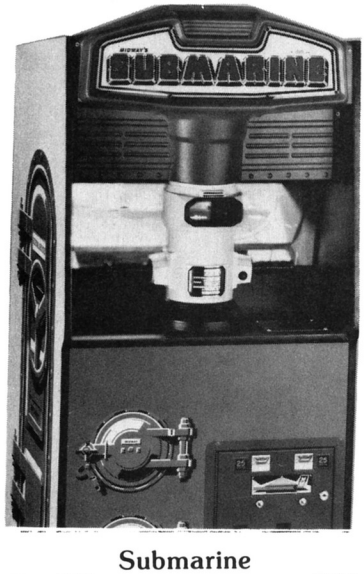
Ask for Gayle or Jim

**Space Invaders**
Oct '78 ckt, sln 2 PL

**Blue Shark**
Feb '79 1 PL

**Bowling Alley**
Apr '79 1—4 PL

**18 Wheeler**
Jul '79 1 PL




**Submarine**
Sep '79 2 PL

**Super Speed Racer**
Oct '79 1 PL

*18-WHEELER: electro-mechanical.*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MAGAZINE

Phantom II
Oct '79 2 PL


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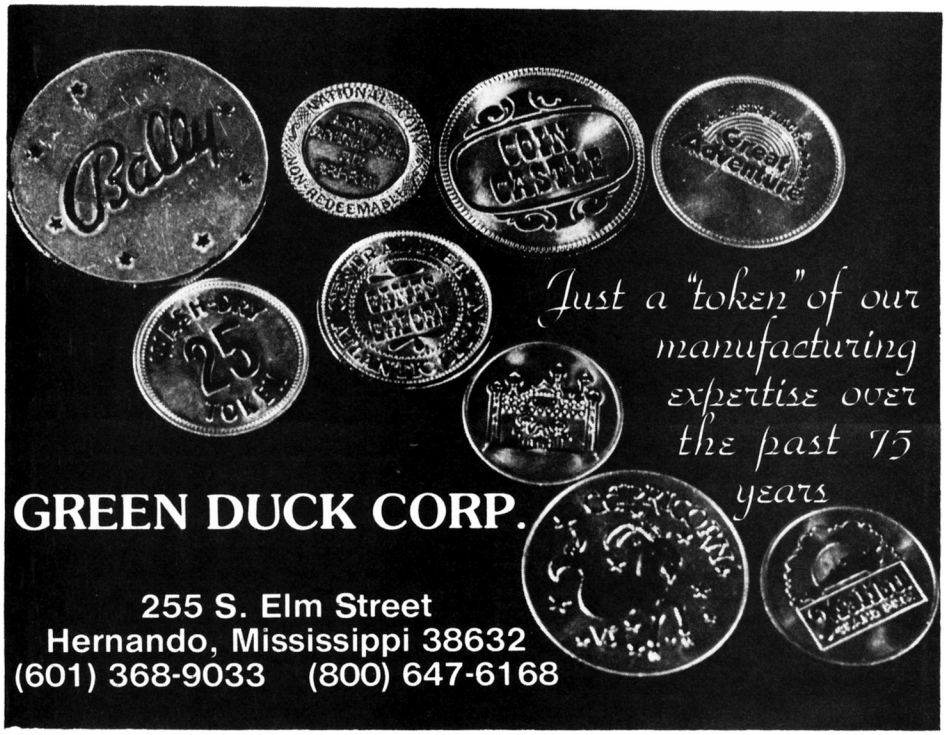
Deluxe Space Invaders
Dec '79 2 PL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Galaxian
Dec '79 ckt 2 PL

Extra Bases
Apr '80 2 PL

Space Encounters
Oct '80 1 or 2 PL

Pac-Man
Dec '80 Mini-Myte

Space Zap
Nov '80 sln, ckt 1 or 2 PL

Pac-Man
Dec '80 ckt 1 or 2 PL

Rally-X
Jan '81 ckt 1 or 2 PL

Gorf
Apr '81 ckt, sln 1 or 2 Pl

Omega Race
Jul '81 ckt, sln, sit, 1 Pl

Wizard of Wor
Jul '81 ckt, sln 1 or 2 PL

*SPACE ZAP: Licensed from Game-A-Tron Inc. by Midway, a subsidiary of Bally Manufacturing. Three sizes were marketed simultaneously by Midway, including Mini-Myte, not shown above.*

namco

Zero In
1979 1PL

Bomb Bee
1979 1 PL

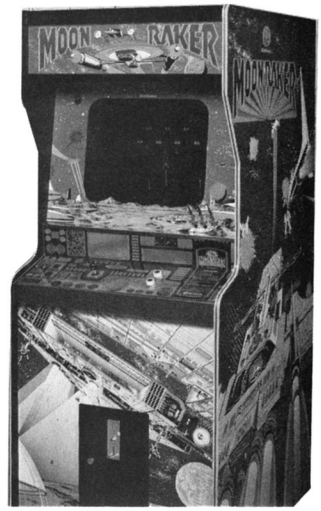
nanao

Space Beam
Nov '80 1 or 2 PL

Nintendo

Radarscope
Jan '81 1 or 2 PL

Nichibutsu



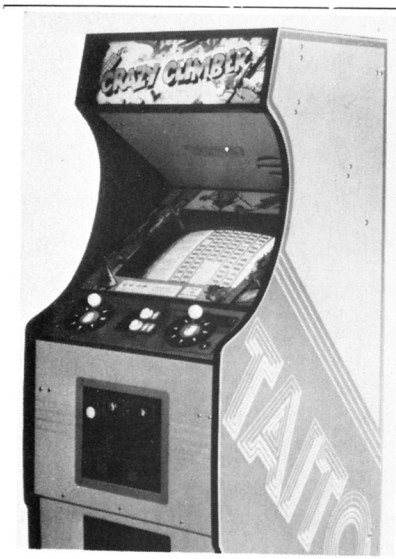

Moon Raker
Dec '79 2 PL

*NAMCO licenses various games to American manufacturers; those above are marketed under the Namco brand*

**Rolling Crash**
**Dec '79** **2 PL**

**Moon Cresta**
**May '80** **2 PL**

**Moon Allen**
**Jun '80** **ckt 2 PL**




**Crazy Climber**
**Jan '81** **1 or 2 Pl**

ROCK-OLA

**Warp-Warp**
**Aug '81** **ckt 2 PL**

STERN

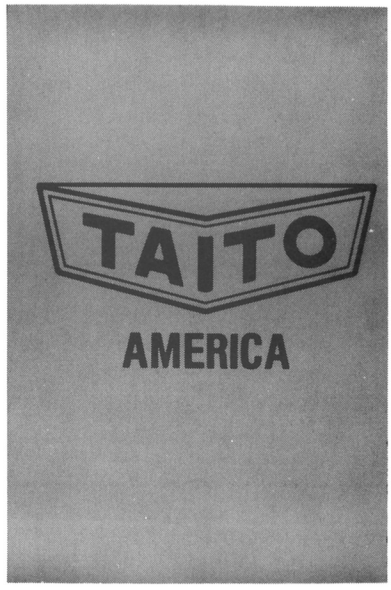
**Astro Invader**
**Sep '80** **1 or 2 PL**

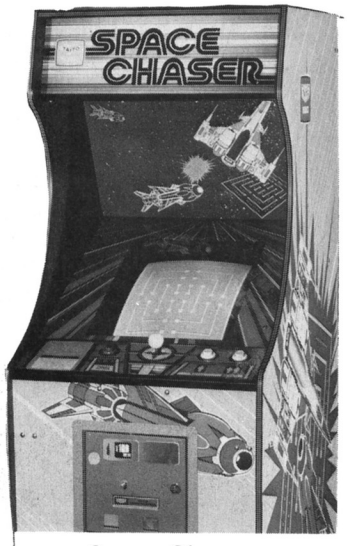
**Berzerk**
**Nov '80** **1 or 2 PL**

*ASTRO INVADER: First Stern video game.*
*CRAZY CLIMBER: Marketed jointly with Taito America via agreement.*

**Scramble**
**Apr '81** **1 or 2 PL**

**Super Cobra**
**Jul '81** **1 or 2 PL**




Space Chaser
Feb '80 2 PL

Lunar Rescue
Mar '80 2 PL

Stratovox
Aug '80 2 PL

**Polaris**
**Nov '80** **1 or 2 PL**

**Crazy Climber**
**Mar '81** **sln 1 or 2 PL**

**Zarzon**
**May '81** **ckt 1 or 2 PL**

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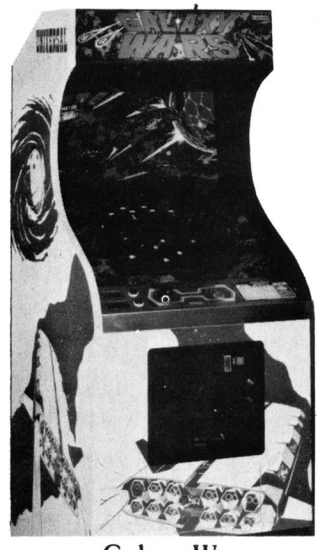
Space Invaders
Jan '81 midsize

Colony 7
May '81 sln 1 or 2 PL

UNIVERSAL

Cosmic Monsters
Jul '79 2 PL

Get A Way
Jul '79 1 PL



Galaxy Wars
Oct '79 2 PL

Cosmic Guerilla
Jan '80 2 PL

Cosmic Alien
Mar '80 2 PL

Cheeky Mouse
Jul '80 2PL

**Magical Spot**
**Oct '80** **ckt 1 or 2 PL**

**Zero Hour**
**Jan '81** **1 or 2 PL**

**Space Panic**
**Feb '81** **1 or 2 PL**

---

U S
BILLIARDS

**The Driver**
**Jan '79** **1 Pl**

**Quasar**
**Apr '81** **1 or 2 PL**

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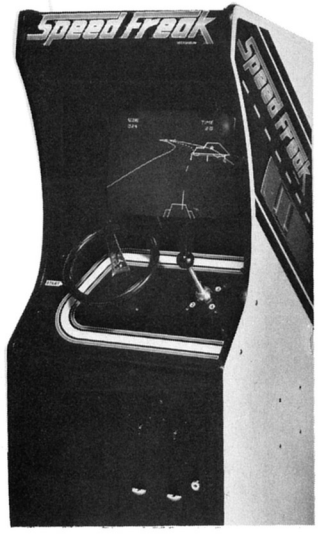
**Vectorbeam**




**Speed Freak**
**Mar '79** **1 PL**

**Barrier**
**Aug '79** **2 PL**

---

Quasar: *Licensed by U.S. Billiards from Zaccaria of Spain, for American marketing*

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## for making sure you get to read your own copy of PLAY METER

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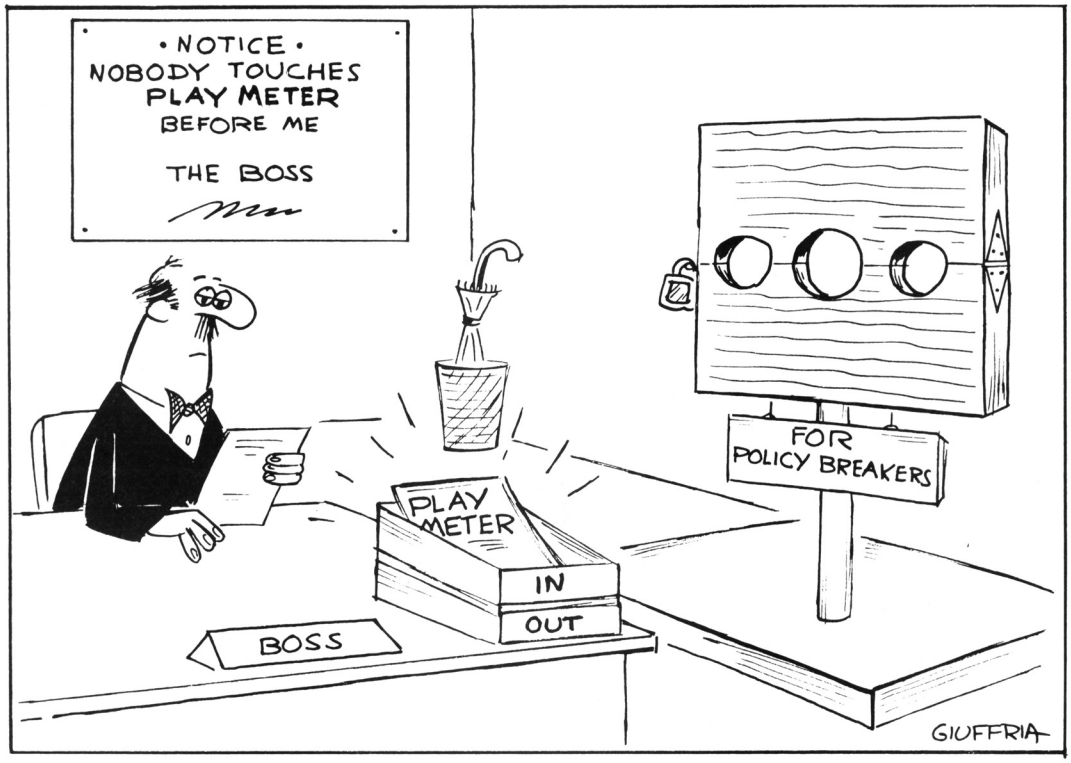


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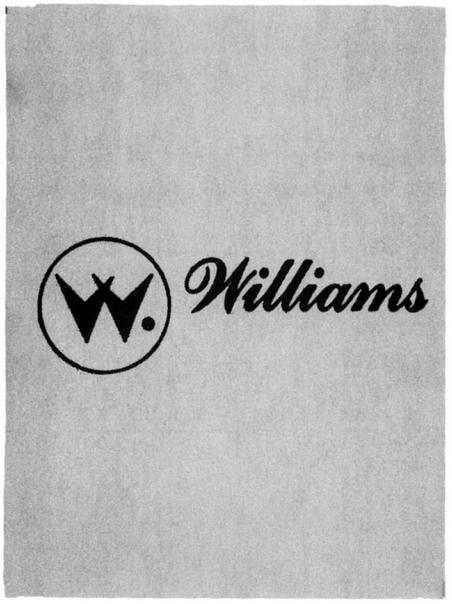
**Warrior**
**Sep '79** **2 PL**



**Defender**
**Nov '80** **ckt 1 or 2 PL**

*WARRIOR: Game play based on the swords-and-sorcery board-game, 'Dungeons and Dragons'*

# Coin-op 'trivia' quiz

*[Answers at bottom of page; clues are throughout the Buyer's Guide.]*

1. What pinball game's name is the land of Tolkien's fantasies?
2. What is the name of the only pingame depicted on another pingame's backglass?
3. It's a story by Arthur Conan Doyle and it's also the name and theme of a Bally pin. Name, please?
4. What manufacturer in 1977 produced a pingame named—*Pinball?*
5. Which is the only "Star Trek" character to be portrayed twice on the backglass of the Bally pingame?
6. John Travolta might have seized on this pingame on a Saturday night in 1978...
7. Probably the most often misspelled pingame name.
8. What pingame was designed by *Play Meter's* pinball critic?
9. The name of this video sounds like it was stolen. It was an original. Name it.
10. This video's name might be a *pun* for "hatchet flying through space." Name it.
11. To get this video's name, take an initial from (1) the 10th U.S. president, (2) the 16th U.S. president, (3) the 26th president, and (4) the 20th president. (Four letters)
12. This Midway sounds like the name of "Li'l Abner" territory.
13. What is the only U.S. city name ever given to a video game?
14. Name a U.S. city name given to a pingame.
15. This video game has the name (but was not tied-in with) a James Bond story.
16. Possibly the most often misspelled video game name in the industry, this trademark name isn't spelled "correctly" to begin with. *Hint:* Name derived from the Icelandic.
17. What U.S. jukebox manufacturer brought out its 'disco' style machines in 1977?
18. What jukebox manufacturer re-entered production in 1980 with a machine named for a mythological bird?
19. What European manufacturer of jukeboxes has named at least three of its machines, including its most recent, after a southern U.S. city, and what's the name of the city?
20. Name the manufacturer which might have had the Arthur C. Clarke/Stanley Kubrick movie in mind when it named its new jukebox.

Bonus/tiebreaker: "Star Wars" is credited with starting the rush to space themed games. Was the movie itself ever tied-in as a pinball theme?

1. *Middle Earth* (Atari)
2. "*Wizard*" (on Bally's *Capt. Fantastic)*
3. *Lost World* (Bally)
4. Stern Electronics
5. Spock
6. *Disco Fever*
7. *Evel Knievel*
8. *Sharpshooter*
9. *Rip Off*
10. *Tomahawk Missile*
11. TARG (Tyler, Abraham, Roosevelt, Garfield)
12. Dog Patch
13. *New York! New York*
14. *Old Chicago or Hollywood*
15. Nichibutsu's *Moon Raker*
16. *Berzerk*
17. Rock-Ola
18. Seeburg
19. Wurlitzer; Atlanta
20. Centuri (*2001*)

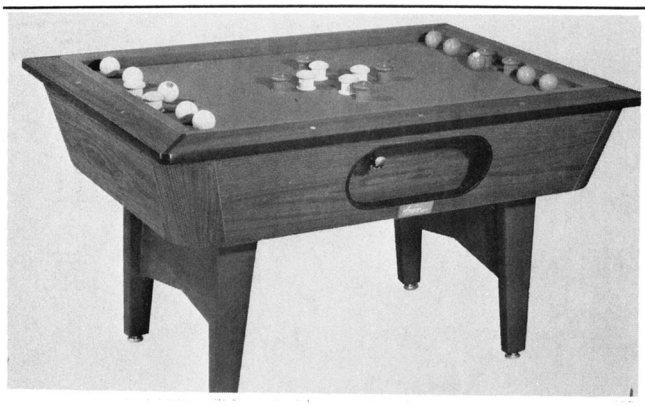
*Bonus answer:* Not in the U.S.A., but the Australian manufacturer A. Hankin & Co. in 1980 began production of *The Empire Strikes Back*, depicting Darth Vader (*Play Meter*, November 15, 1980, page 77.)

# Table Games
## 1976-1981

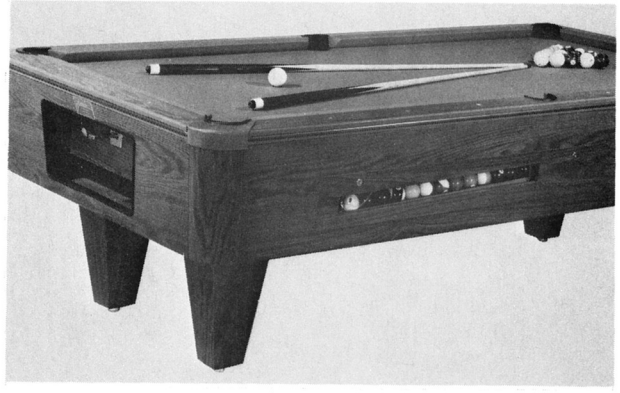
***A.D.I. • American Shuffleboard***
***Brunswick • Dynamo***
***Imperial Billiard***
***International Billiard • Irving Kaye***
***Stern • Tournament Soccer***
***U.B.I. • U.S. Billiards • Valley***
***Williams***

Tournament Model
A.D.I. 1979

Seville
A.D.I. 1980



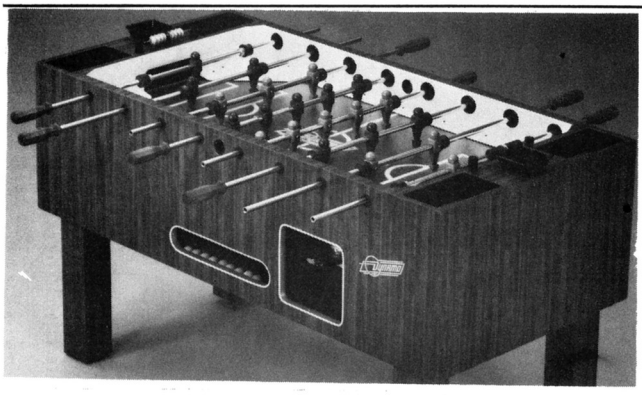
Bumpa Pool
American Shuffleboard 1979



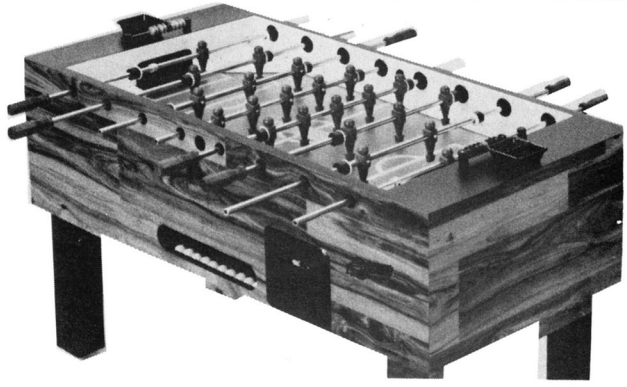
Granada
American Shuffleboard 1979

American Classic II
American Shuffleboard 1980

Coin-Op
Brunswick 1974-'80



Fussball
Dynamo 1976



Fussball (Pecan)
Dynamo 1979

Rosewood Model 30

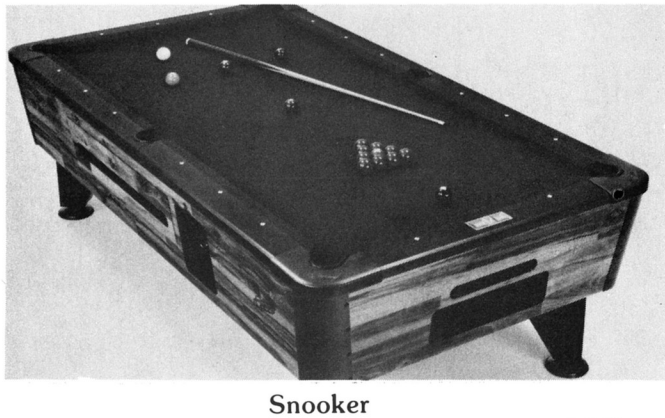
**Dynamo** **1976**

Mirrored Model 30

**Dynamo** **1978**

Model 30 (Pecan)

**Dynamo** **1979**



Snooker

**Dynamo** **1979**


# 1981

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—JUNE

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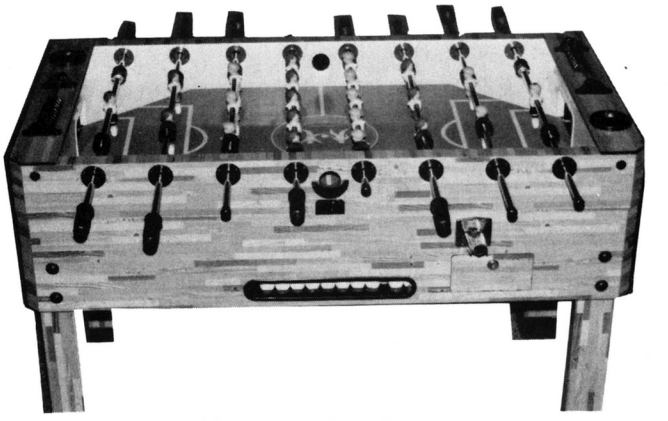
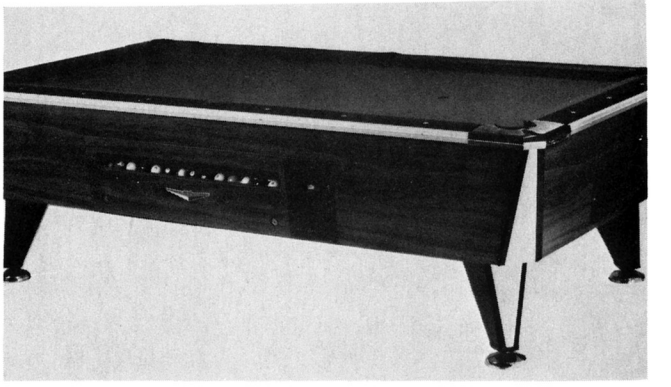
**Big D**
**Dynamo** **1981**

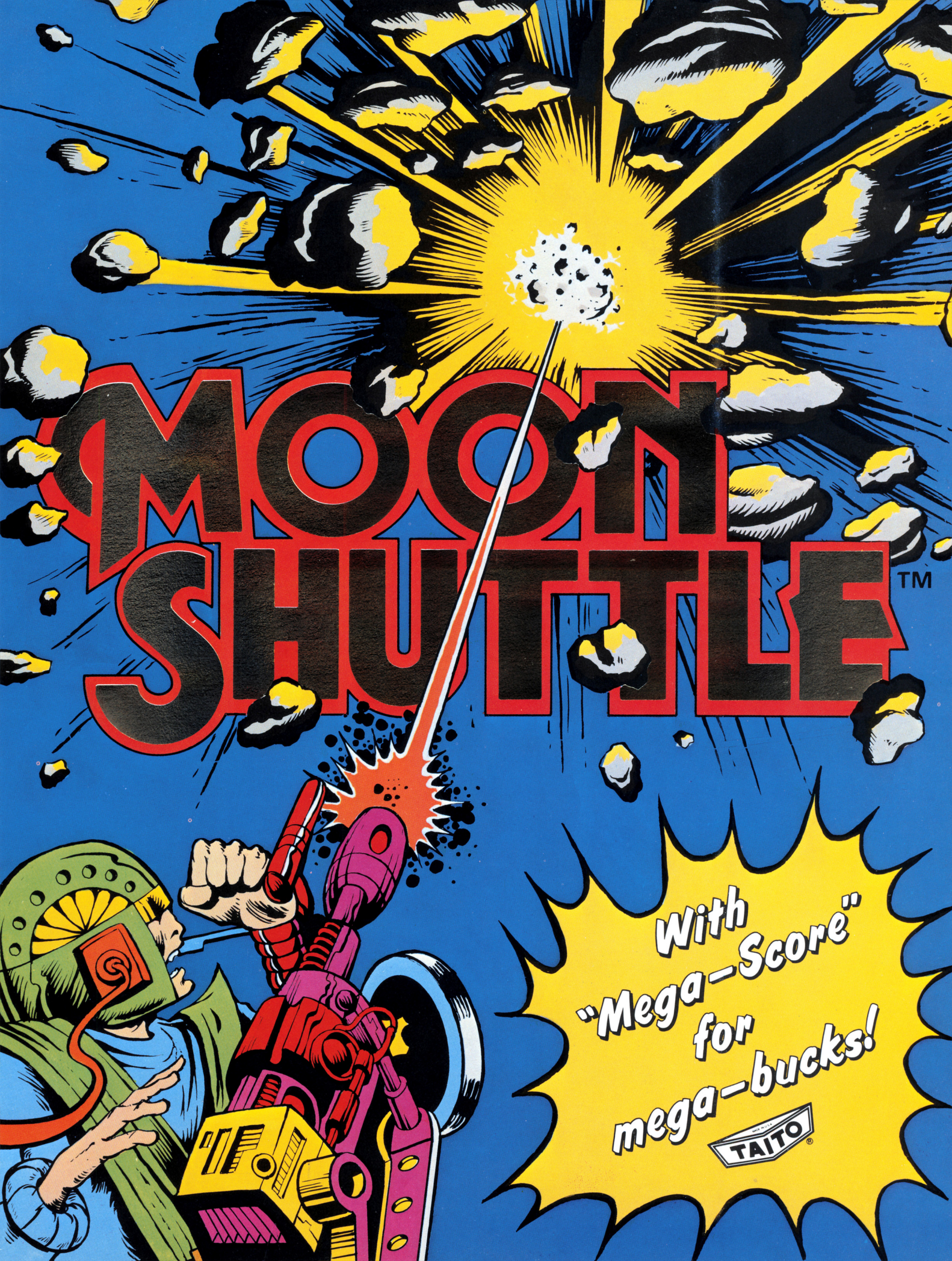


**Championship Soccer**
**Imperial Billiard** **1977**

**Coronet**
**International Billiard** **1972-'80**



**Silver Shadow**
**Irving Kaye** **1978**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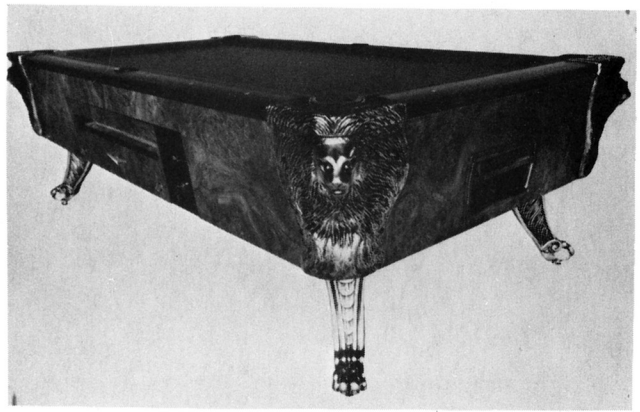
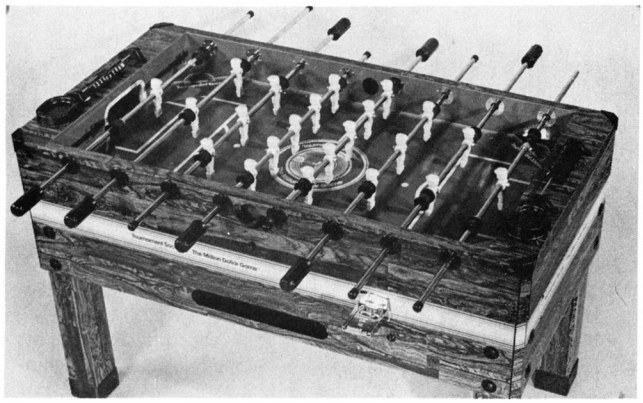


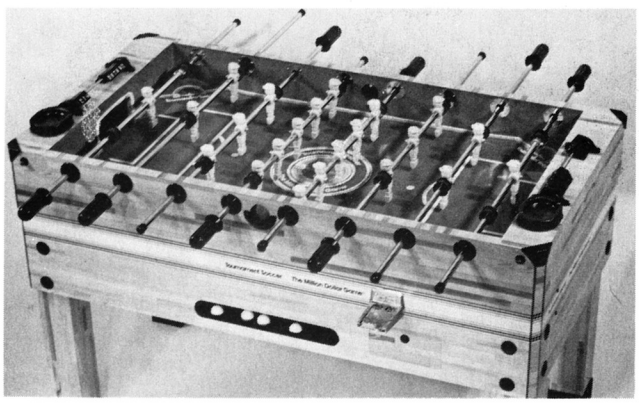
Lion's Head

Irving Kaye 1979



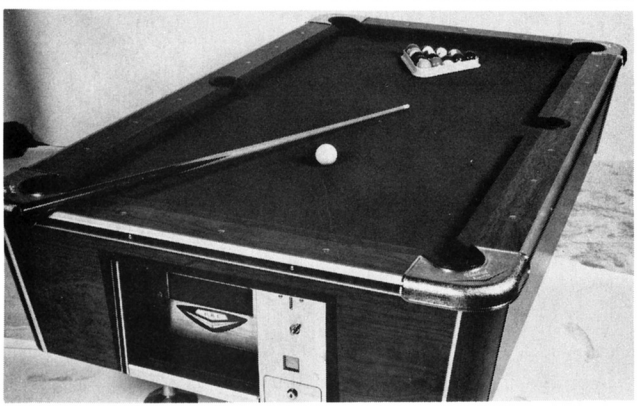
22 D

Tournament Soccer 1979



22 L

Tournament Soccer 1979



Zenith Series 500

U.B.I. 1979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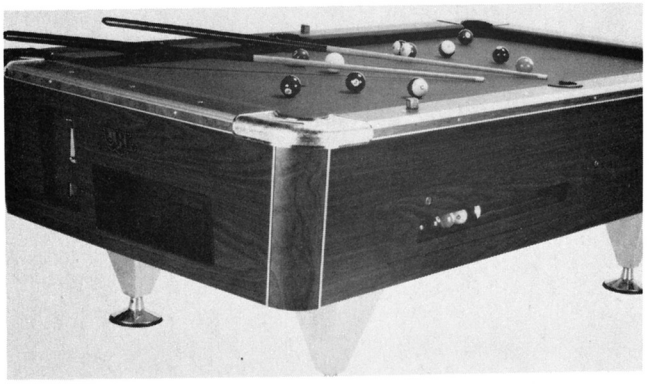
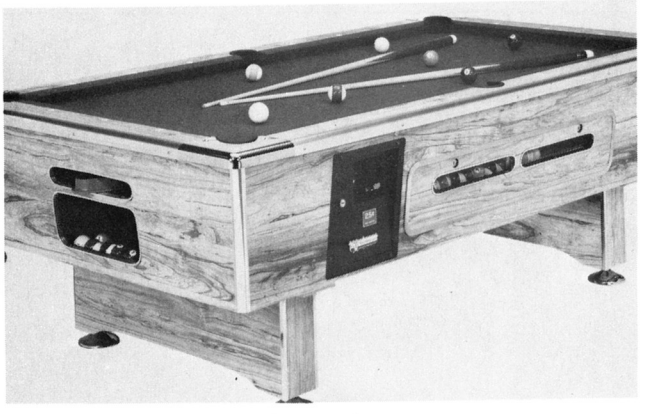


Bronco

U.B.I. 1980



Timberline

U.S. Billiards 1976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Carom Billiards

U.S. Billiards 1976

SST-8

U.S. Billiards 1977

Classic Rosewood

U.S. Billiards 1977

Charisma

U.S. Billiards 1979

Pro

U.S. Billiards pre-1975

Pecan Big Cat

Valley 1975


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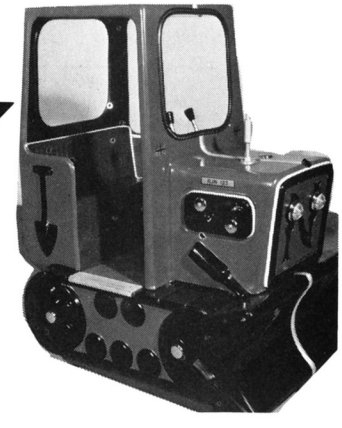

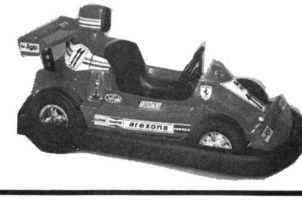

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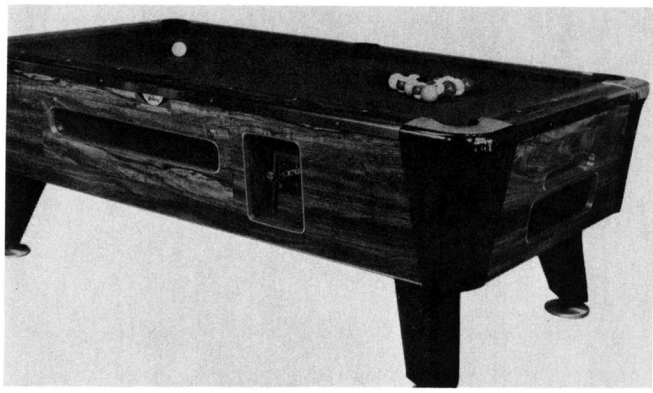

Makoru Big Cat

Valley 1977

Cougar

Valley 1979

Sportaball

U.B.I. 1979

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# Other games

## Novelty 1975-1981
## Card Games 1977-1981
## Wall Games 1976-1981
## Cocktail 1977-1981
## Kiddie Rides 1976-1981

*A & A Co.* • *Amstar* • *Arachnid* • *Atari*
*Bafco* • *B.C. Mfg.* • *Bio-Rhythm* • *Carousel*
*Centur* • *Computer Kinetics* • *Data East*
*Elcon* • *Elektro-Mobiltechnik* • *Game-A-Tron*
*Game Plan* • *Gametronix* • *Gino Rodina*
*Gremlin* • *Intermark* • *Merit Industries* • *Midway*
*Mike Munves* • *Pacific Novelty* • *R.J. Newborough*
*Sircoma* • *Status Games* • *Stern* • *Sunbird*
*Taito* • *Twelve Signs* • *U.S. Billiards* •
*Universal USA* • *Universal Visual* • *UTEC*
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*Zamperla* • *Zila* • *Zytronics*

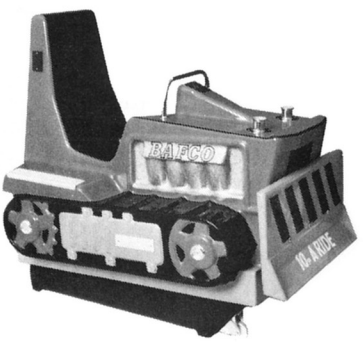
# Kiddie Rides

BAFCO

Speedway

Space Shuttle

Grand Prix



Dozer

Race Car

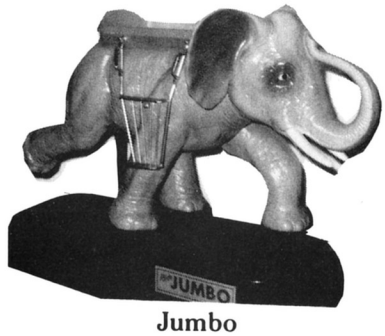
Carousel

Union Pacific No. 61

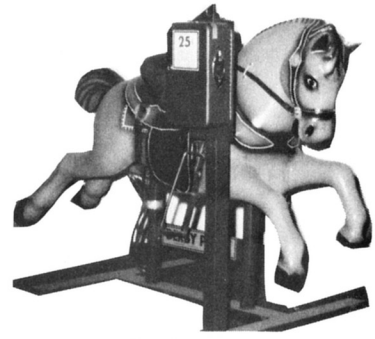
Thunder Horse

*BAFCO: A British product marketed in the U.S.A., ride feature sound effects.*

Motorcycle




Jumbo



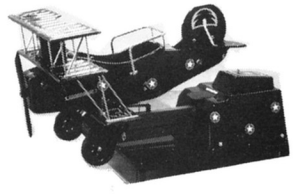
Derby Pony

Junior Carousel

## Electro Mobiltechnik

Flying UFO

Helicopter

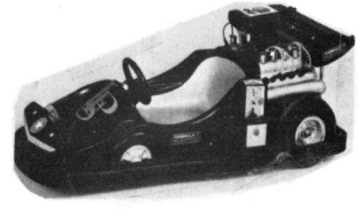


Red Baron

Race Car

Racing Cycle

## Gino Rondina



Race Car

*CAROUSEL rides also include 'two-horse'* Kentucky Derby, Mustang ( *one-horse*), Ben Hur Chariot, Rodeo Pony, Leo the Lion, *and* Lotta Fun Animals—*duck and elephant rides, compact and with calliope music.*

Helicopter

Skydiver

Locomotive

Motorcyle

Motorcyle

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"With full sound effect"

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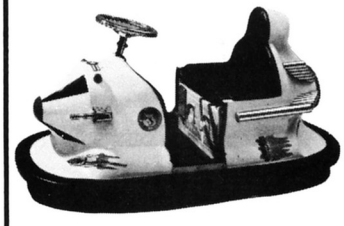

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DECO CASSETTE SYSTEM

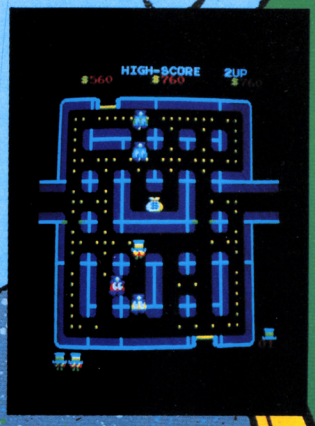
# Lock'n'Chase™

DECO CASSETTE SYSTEM™

WATCH OUT! CLOSE THE SHUTTER!!
ITS LUPIN V'S THE SUPER DS.

**HOW TO PLAY**

USE THE LEVER TO MOVE LUPIN THROUGH THE MAZE PICKING UP THE GOLD COINS ON THE PATHWAYS AND CONFUSING THE SUPER Ds AS HE GOES.
PUSH THE RED BUTTON TO CLOSE THE SHUTTERS BEHIND LUPIN TO CONFOUND THE PURSUEING SUPER Ds AND-FOR THE VERY SKILLFUL-TO LOCK THEM UP.
THERE ARE 2 MYSTERY ZONES WHERE IF SUPER Ds ARE LOCKED-UP BONUS POINTS WILL BE AWARDED.
1 SUPER D 100, 2 300, 3 1,000, 4 2,000.
TREASURE RICHES APPEAR ON THE PATHWAYS TWICE IN ONE PATTERN AND THROUGH EACH OF 10 PATTERNS THESE RICHES TAKE A DIFFERENT FORM. POINTS FROM 100 TO A MAXIMUM OF 5000 SHALL BE AWARDED IF THESE ARE PICKED UP. THE CENTER $ APPEARS 4 TIMES AND IF LUPIN CAN TAKE IT ALL 4 TIMES BONUS POINTS OF 4000 WILL BE AWARDED.



- WATCH OUT! PUSH SHUTTER BUTTON NOW
- WHEW! THAT WAS CLOSE.
- QUICK, CLOSE SHUTTER BEHIND LUPIN
- HAHA! GOT YOU TWO!

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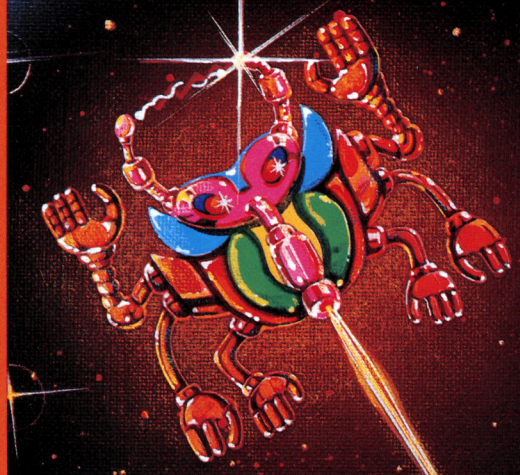
DECO CASSETTE SYSTEM

YOUR PURPOSE, DESTROY ALL UFOS AND THE SPACE MASTER BEFORE YOUR FUEL RUNS OUT. WATCH OUT, YOUR FUEL IS LIMITED AND THE SPACE MASTERS ATTACK IS DEADLY.



## HOW TO PLAY "ASTRO FIGHTER PART II"

1. Insert coin (s)
2. Push Player I or Player II button to start.
3. Use the lever to move your rocket left or right across screen.
4. Push the button to fire.
5. If you destroy all UFOS of a small formation you will get bonus points.
6. You can refuel only after you've destroyed many UFO formations and the space master. If you run out of fuel before then you'll lose your game.
7. Your game is over when all your rockets have been destroyed.

# SUPER ASTRO FIGHTER™

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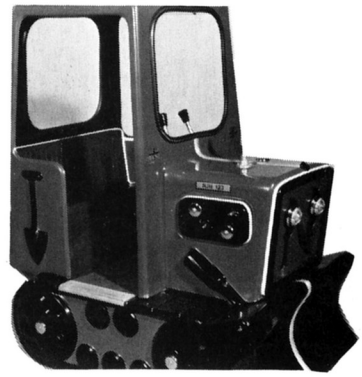
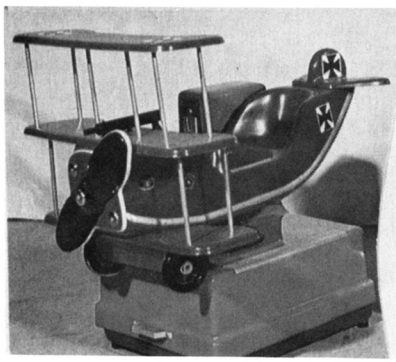
3-Toy Roundabout

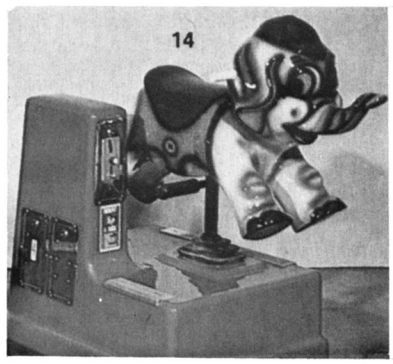
Motorcycle Sidecar Racer



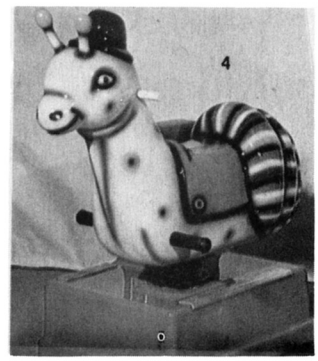
Bulldozer



Red Baron



Elephant



Snail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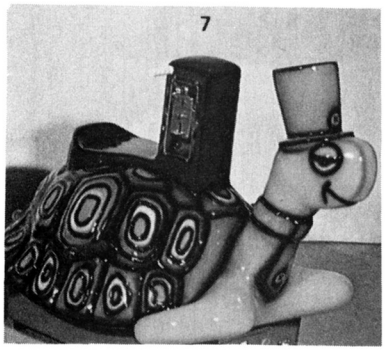
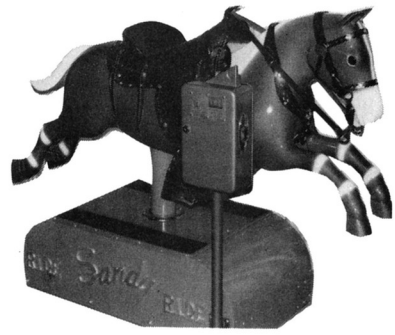
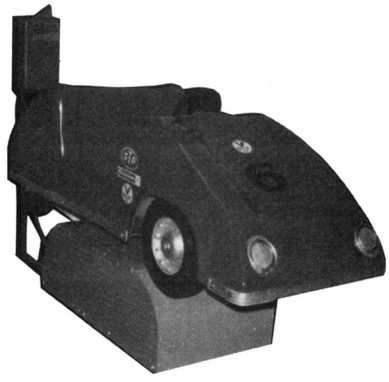


Tortoise

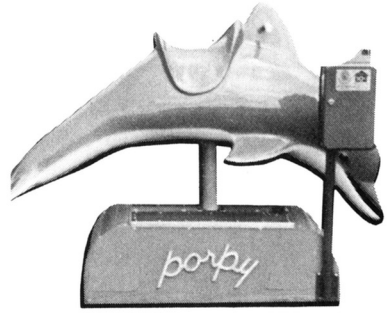



Sandy

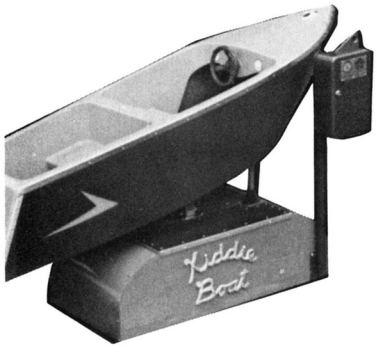
Porky the Pig



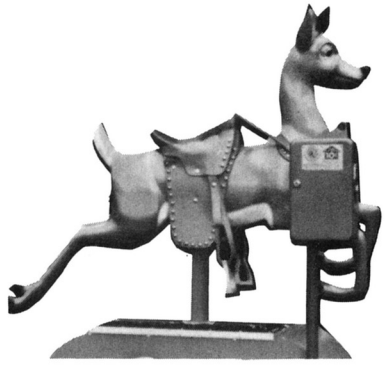
The Racer



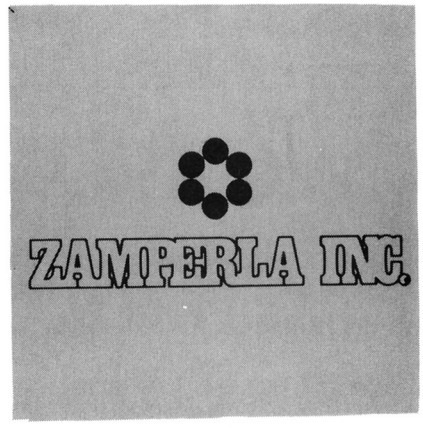

Porpy the Porpoise



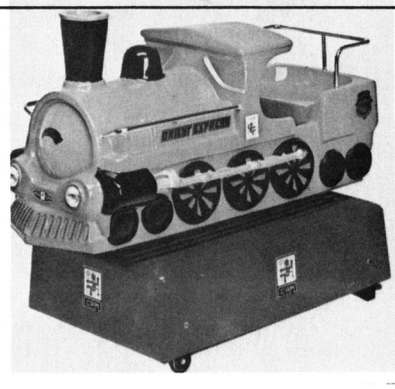

Kiddie Boat



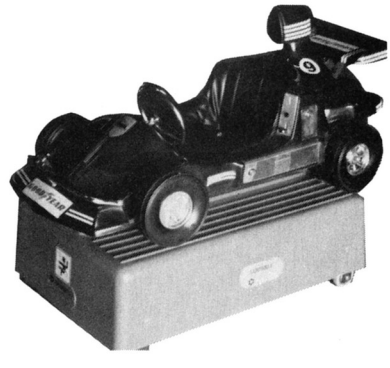
Rudy the Dëer



Helicopter



Little Train



Ferrari

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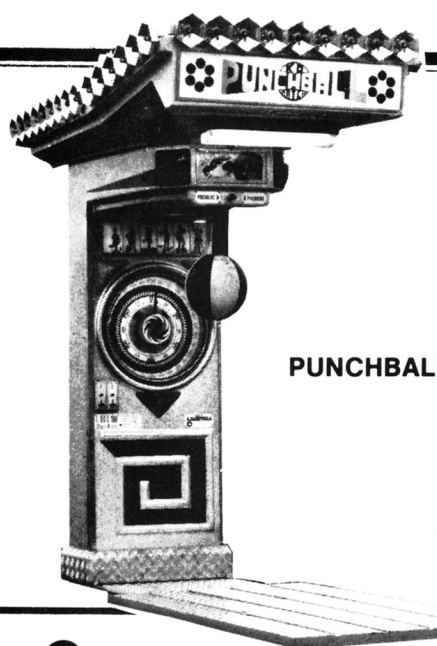

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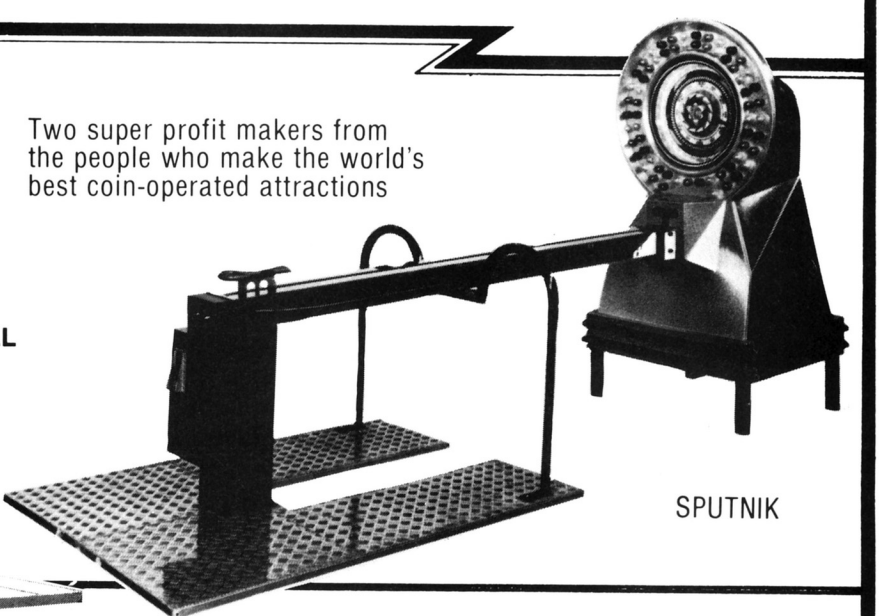
**PUNCHBALL**



SPUTNIK

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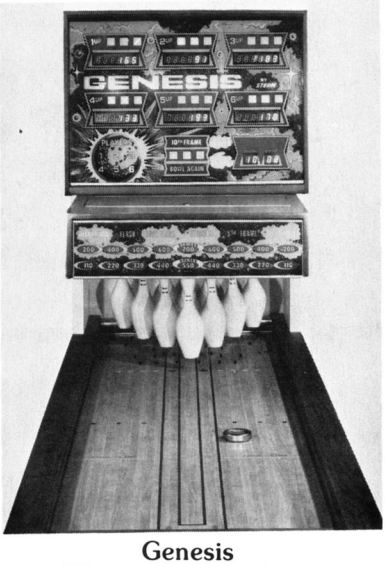
# Shuffle Alleys 1976-1981

## American Shuffleboard

Royal
Jan '75 5 OR 6 PL

---

## STERN




Genesis
Jun '79 6 PL (SS)

---

## Williams ELECTRONICS, INC.

Seville
Jan '76 6 PL (EM)

---

*United's 6-player shuffleboards are produced by Williams Electronics.*

Emerald
Jun '76 6 PL (EM)

Cherokee
May '77 6 PL (EM)

Nugget
Nov '77 6 PL (EM)

Topaz
Apr '78 6 PL (SS)

Aristocrat
Aug '78 6 PL (SS)

Pompeii
Nov '78 6 PL (SS)

Taurus
Apr '79 6 PL (SS)

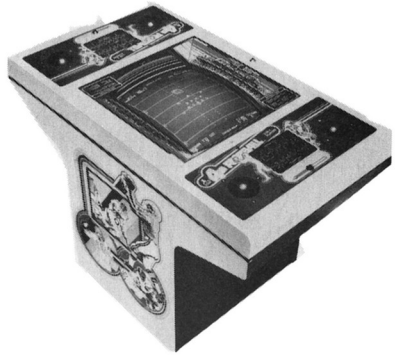
King Tut
Aug '79 6 PL (SS)

Omni
May '80 6 PL (SS)

*TOPAZ: First solid state shuffle alley. ARISTOCRAT: Firts shuffle alley with electronic sounds.*

# Cocktail Tables
## 1978-1981

**Tournament Table**
**Atari** **Mar '78**



**Football**
**Atari** **Oct '78**

**Baseball**
**Atari** **Jun '79**

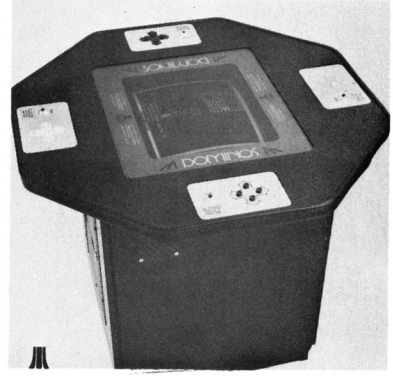
**Soccer**
**Atari** **Oct '79**

**Disco**
**Centuri (Allied Leisure)** **Jun '79**

**Rip-Off**
**Centuri** **1980**

**Targ**
**Centuri** **1981**

**Astro Fighter**
**Data East** **1980**



**Collision**
**Elcon** **1979**

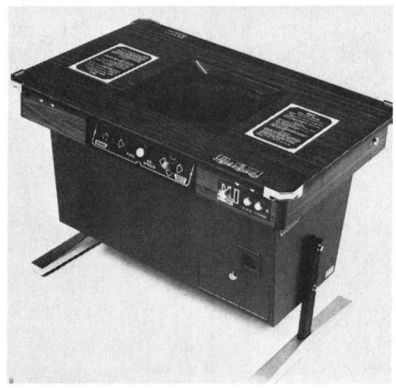
*FOOTBALL: First introduced as a 2-player mode. 'Team play' is possible on the 4-player model, above.*

**Spectar**
**Exidy** **1980**

Star Trip
Game Plan 1978

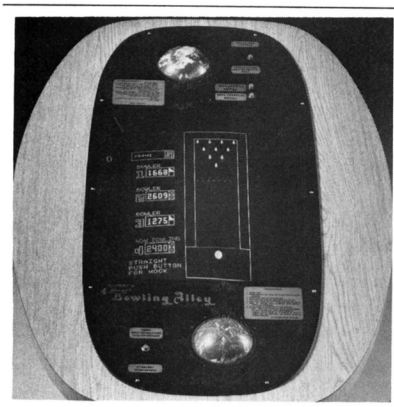
Foxy Lady
Game Plan 1978

**Shark Attack**
**Game Plan** **1981**



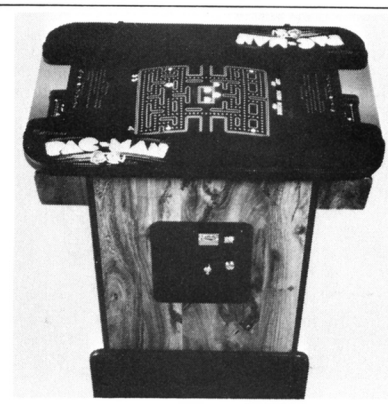
Invinco/Head On 2
Gremlin 1980

Rotation VIII
Midway 1978



Bowling Alley
Midway 1979

Extra Bases
Midway 1980




Pac-Man
Midway 1981

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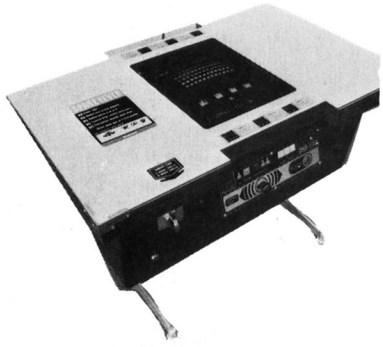
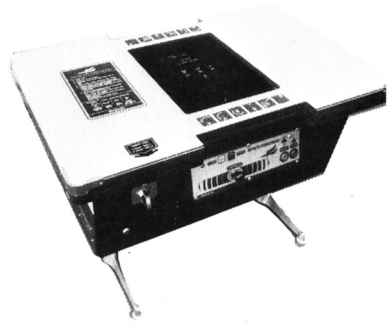
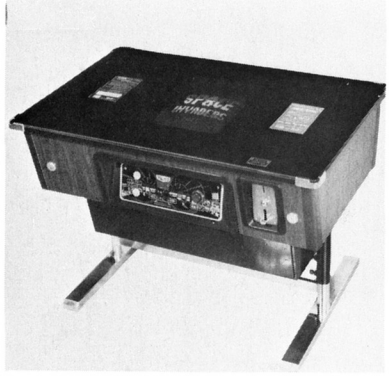


**Space Fever**
**Nintendo** **1979**

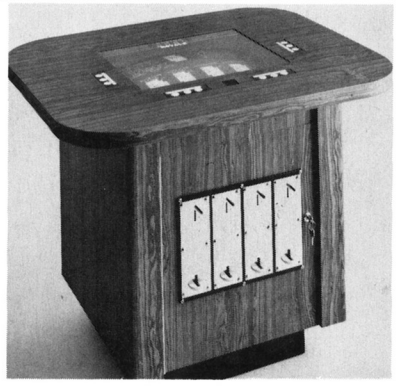


**Space Firebird**
**Nintendo** **1980**

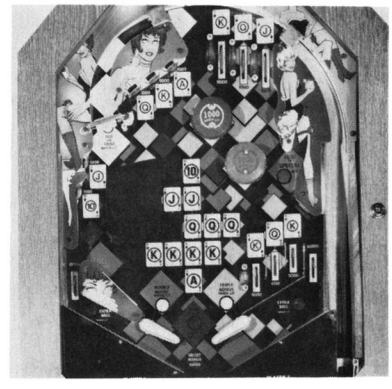
**The End**
**Stern** **1981**



**Space Invaders Part II**
**Taito** **1980**

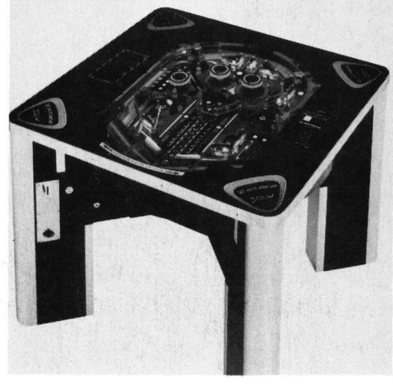


**Casino Royale "21"**
**Venture Line** **1978**



**Joker's Wild**
**Venture Line** **1979**

**Magical Spot**
**Universal** **1980**



**Spectra IV**
**Valley** **1979**

**Ace-Hi**
**Zila** **1979**

*ACE-HI: A non-video cocktail table game having special acoustic features.*

# *Coming in Play Meter:*

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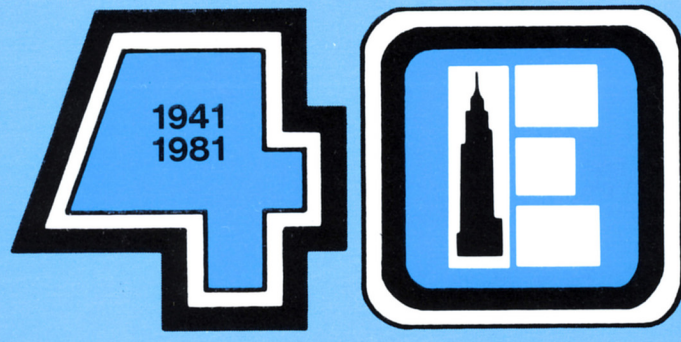


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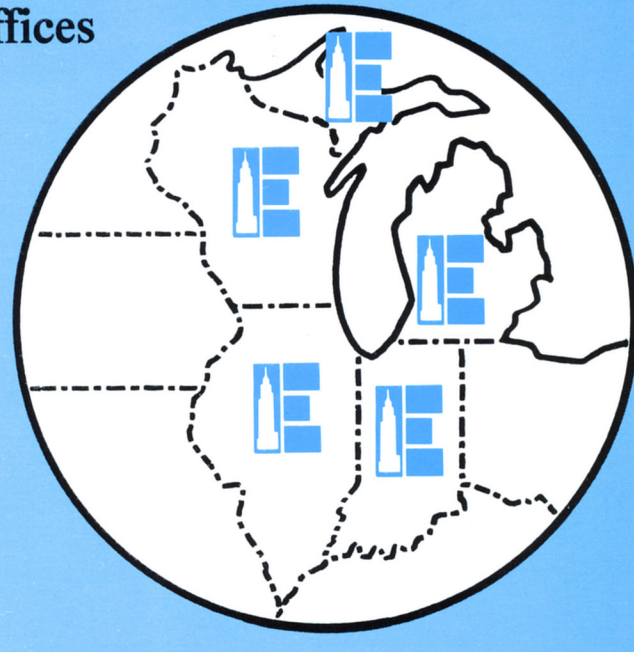

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## A & A

Chicken Egg Vendor

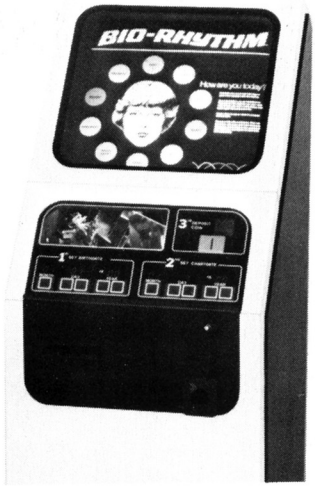
## Arachnid

English Mark Darts
1975 4 PL

## B.C. Manufacturing

Big Chicken

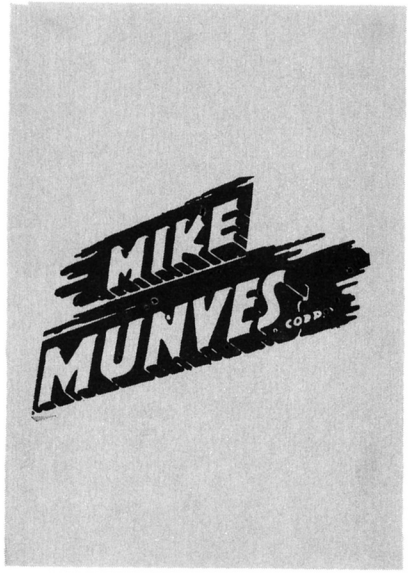
## Bio Rhythm




**Bio-Card Merchandiser**
**Dec '80 500 Series**

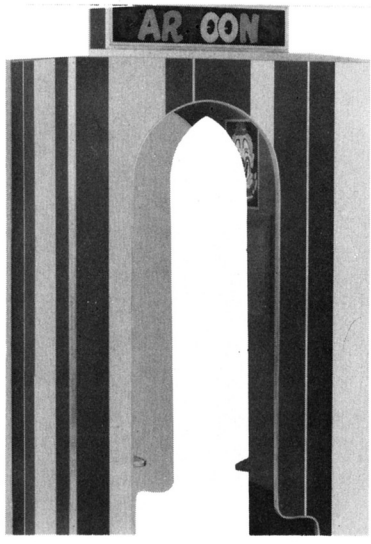
**Bio-Card Merchandiser**
**Dec '80 600 Series**

*BIO-RHYTHM's Series 500 and 600 both available in walnut grain and black-and-white finishes; also in a kiosk configuration.*

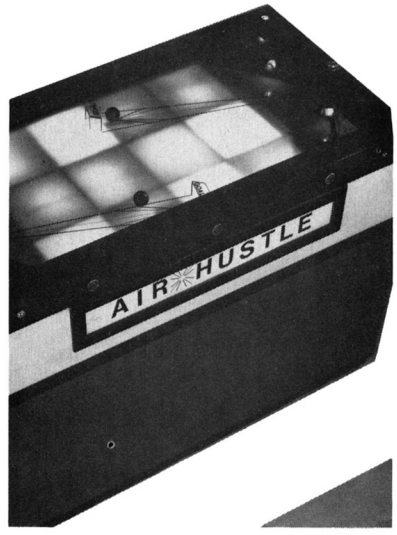


Mutoscope
May '76

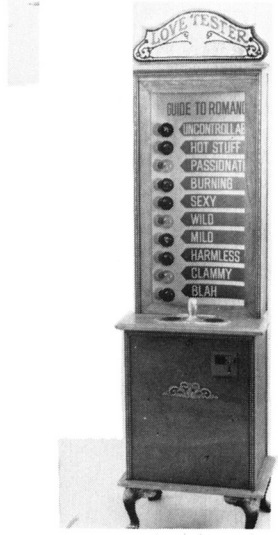
Wheel of Love
Jun '76




Cartoon
Jun '78

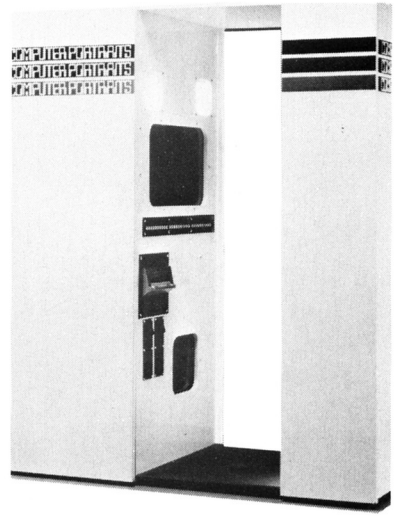



Air Hustle
May '79

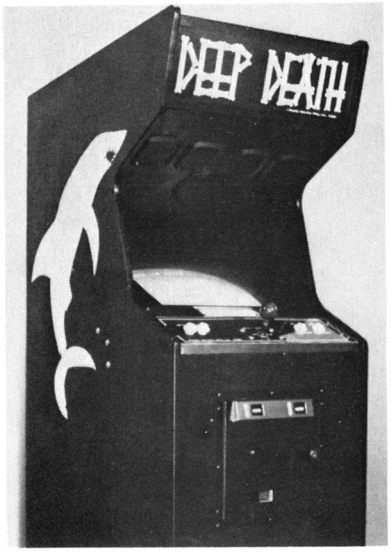



**Love Tester**
**Jul '81**

**Pacific Novelty**



*LOVE TESTER: reproduction of antique model styling of some 50 years ago.*

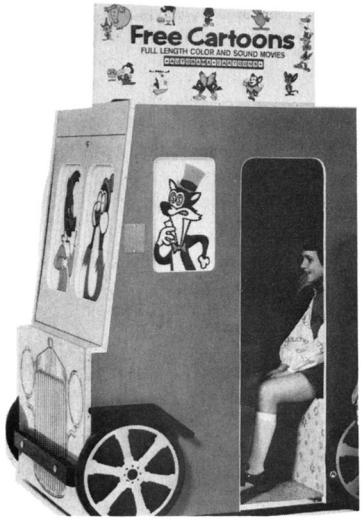



## Twelve Signs

## Universal Visual

Chucklin' Chicken

Kiddierama Theatre




Autorama Cartoon Theatre

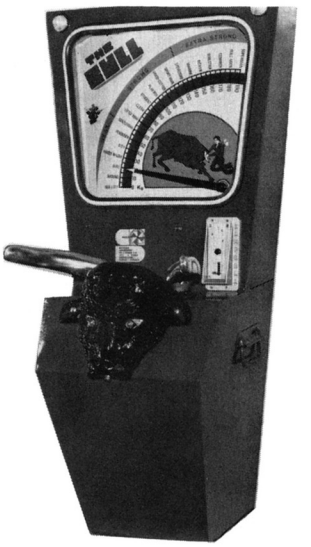
## Vending International

Fanky Maloon
1980

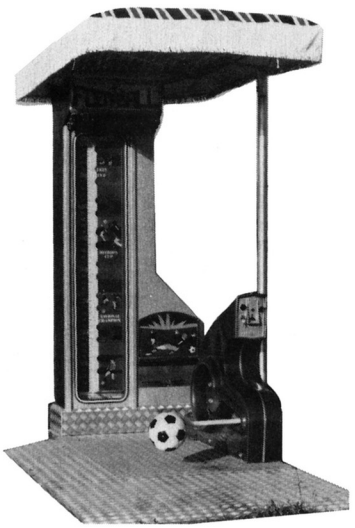
*PACIFIC NOVELTY'S* Shark Attack: *Introduced at the 1980 AMOA as "Deep Death," and later licensed to Game Plan.*

ZAMPERLA INC.

Punchball



Bull



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**Split/Second 2** **2PL**

## Intermark

**Reflex** **1PL**

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**Reflex Action** **1PL**

---

AMSTAR

Twenty One
Mar '80 2 PL

Hold & Draw
Mar '80 1 PL

---

Hi-Lo Jackpot
Mar '80 1 PL

Elcon Industries

Royal Flush
Jun '80 1 PL

---

*SPLIT/SECOND: One-player in earlier models.*

GAT
GAME-A-TRON

Black Jack
Sep '78 1 PL

Draw Poker 81
Nov '79 1 PL

Thoroughbred Derby
Jan '80 1 PL

Intermark

Poker Machine Model 20
Oct '79 1 PL

Draw 100 Poker
Jul '80 1 PL

Poker Machine
Oct '79 1 PL (SS)

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Bingo

1978 1 PL

Blackjack

1978 1 PL

Keno

1978 1 PL

Draw 80 Poker

1979 1 PL

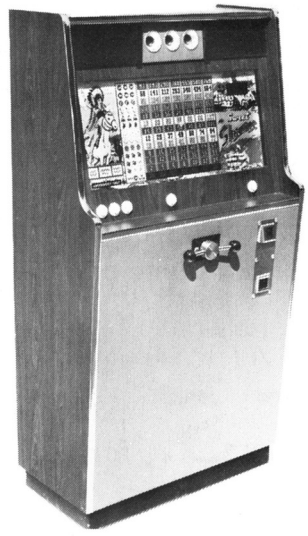
Dawg Race

1979 1 PL

Over and Under

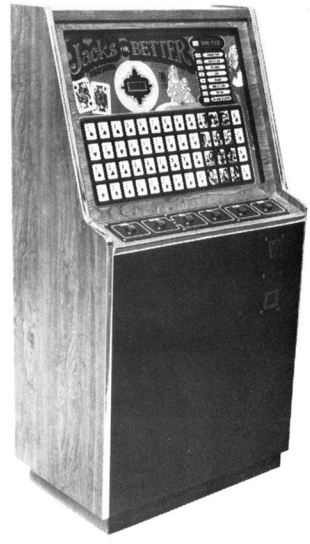
1980 1PL

merit
industries inc.



Sweet Shawnee

May '79 1 Pl




Jacks or Better

Sept '79 1 PL

**Sweet Shawnee II**
**Sep '79** **1 Pl**

**Racetrack**
**Apr '81** **1 Pl**

**Draw Poker**
**Aug '81** **1 PL**

**Status Game**

**1981** **Chuck O' Luck** **1 Pl**

**VENTURE LINE, INC.**

Five Card Draw
**Apr '79** **1 PL**

*Editor's Note: The video gaming machines displayed on the preceding pages, while they can be used for solely amusement purposes in some jurisdictions, are among those devices that are defined in certain areas as being games of chance. The operator should check local laws and legal rulings which may endanger his operation and the licenses of certain locations such as taverns, if such gaming-type equipment is used.*

*Status Games' cabinet, pictured above, also houses its* Draw Poker, Black Jack, *and* Video Roulette.

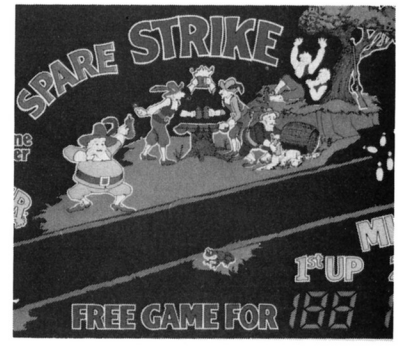
COMPUTER KINETICS

Chooz
1978 4 PL

In-Between
1978 4 PL

Draw 5
1979 2 PL

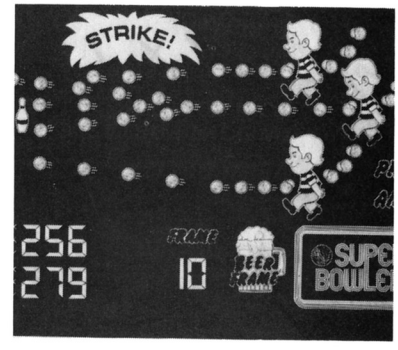
Gremlin®
/SEGA®



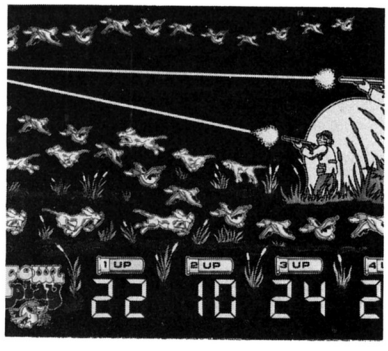

Tenpin
1976 2 PL

All Star
1978 4 PL

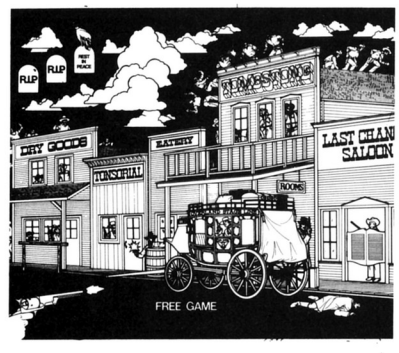
Sunbird



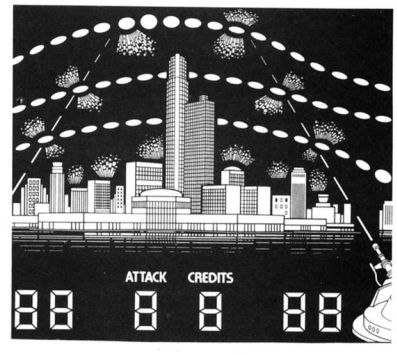

Super Bowler
1977 4 PL (SS)




Fowl Play
1978 4 PL (SS)

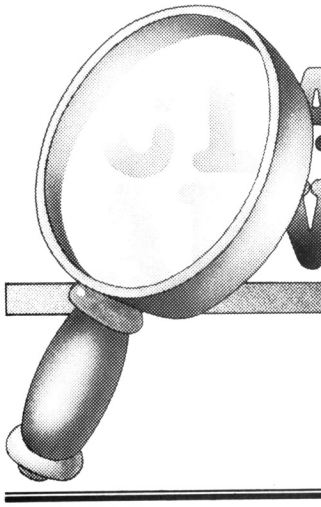



Tombstone
1978 2 PL (SS)




Counter Attack
1979 2 PL (SS)

*VEGA 21, countertop coin-op blackjack game, was marketed by Computer Kinetics earlier than the above three models.*



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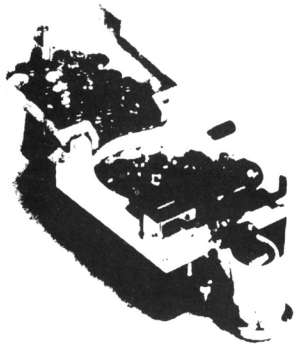

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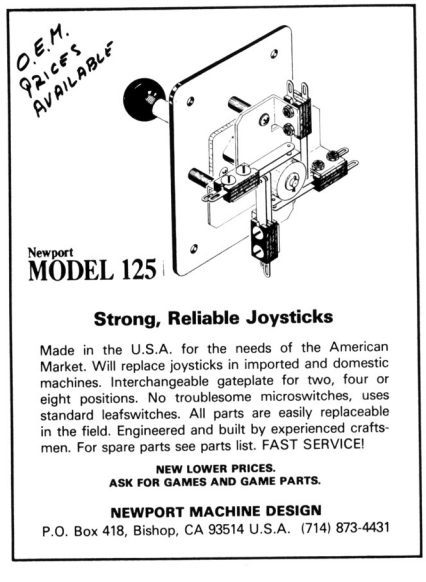


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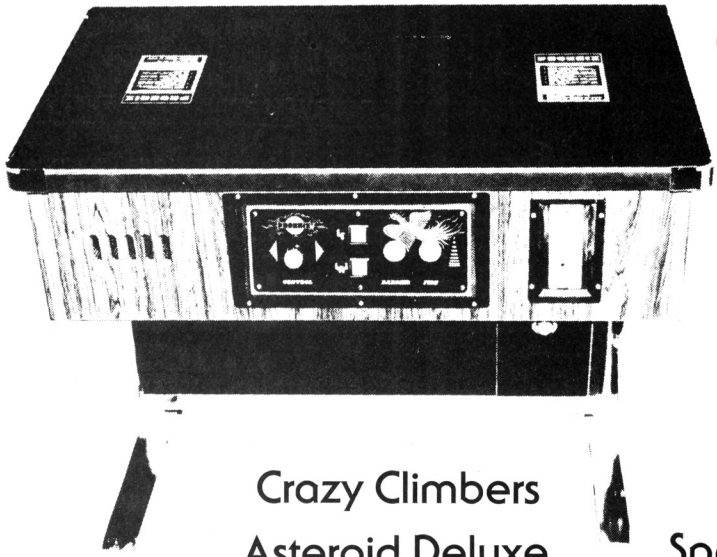
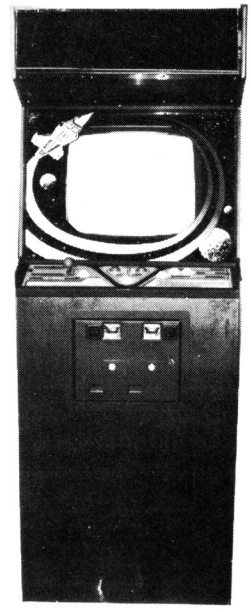


# COCKTAIL TABLES AND UPRIGHTS



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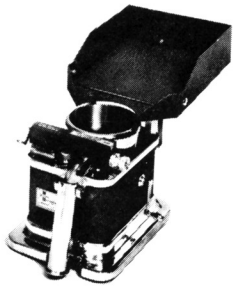

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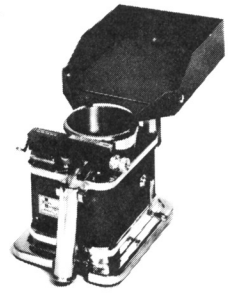

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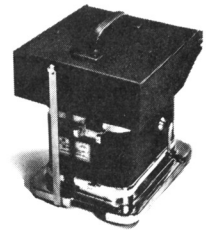

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# News briefs... News briefs... News briefs... News briefs...

.....A major U.S. deparment store chain, based in the Midwest, is studying a move to embrace coin-op game rooms in its far-flung units, *Play Meter* has learned. If this move is finalized, it will mark a large market opening for coin-ops. The department store firm plans to contact operators for installation of games rather than owning the games outright, a spokesman said.....

.....Despite the air traffic controllers strike of August, Exidy had high hopes for its first-ever field service school in Canada, set for Laniel Automatic/Montreal on August 26. Terry Cunningham, Exidy's field service manager, announced his "flight plan" through Exidy's schools, manuals and *Zero Downtime* technical newsletter. Laniel's Jean Robillard said an attendance of 50 to 75 operators from across Canada were expected for Exidy's field service school at the distributorship.....

.....Coin Machine Distributors feted its friends and customers on August 30 to celebrate the opening of its new facility at 425 Fairview Park Drive, Elmsford, New York. Phones are in: 914/737-5050 or 347-3777.....

.....C.A. Robinson & Co. distributorship has moved from its 2301 West Pico Blvd., Los Angeles, address to its former warehouse facility (where the firm's special showings have been held). New place: 2891 West Pico, Los Angeles; new telephone: 213/735-3001.....

.....Peach State Distributing Co., Atlanta, extended hospitality on August 23 to its 2040 Boulevard S.E. showroom. The event was held to mark the acquisition of the company by John Head, Jim Libby, and Jack Head. Prizes to the attendees were topped by a five-day, expense paid trip for two to the Bahamas.....

.....Bally Pinball Division staged a grand gathering for its 1981 domestic distributors meeting, September 10 through 12 at the opulent new Hamilton Hotel in Ithaca, Illinois. All principals and sales/marketing execs of the distributorships were invited to attend.....

.....Ruckus over arcades: Local officials at widely separated points were taking their idle summer days to stir a witch hunt, the target being coin-operated amusement game centers. Union City, New Jersey was debating whether to allow a pinball arcade to be built where there has been a tavern in the town, located opposite City Hall. North Bergen, New Jersey, meanwhile, was fighting a court ruling which had directed it to allow permits for a game room with 160 pieces of equipment to be placed in a former automobile showroom. And Los Angeles City Council had given tentative approval to an ordinance for tighter control of game arcades which was linked to sex-oriented establishments and dance halls. Not to be outdone, Florida localities joined in the coin-op witch hunt. Coral Gables city commissioners voted 3-2 to ban video games from local businesses, arguing that potential truancy and hangout problems would arise around the games. Sweetwater, Florida also blamed coin-ops for juvenile delinquency and banned pinball, pool tables, and video games from that sleepy community. And the rush to judgement wasn't over. The need seemed clear: coin machine operators should be on the offensive, stressing the positive nature of amusement games and plugging a shiny image of their industry. Instructive articles will be upcoming features in *Play Meter*.....

.....Coin Acceptors, Inc. has announced the expansion of the company's manufacturing facilities in High Ridge, Missouri; Mountain View Missouri; and Quebradillas, Puerto Rico. At the same time, CoinCo terminated manufacturing at what it terms its "antiquated" plant in St. Louis. Office headquarters remain at 4946 Daggert, St. Louis. CoinCo also has expanded its modern research and development facilities located at Clearwater, Florida.....

.....Atari's Game Club, founded in October 1980, to keep Atari home video players informed about the manufacturer's game products, has been extended to include players of coin-op videos worldwide. Players will be able to obtain membership applications through participating family amusement centers and other Atari game locations.....

# . . . News briefs. . . . News briefs. . . . News briefs. . . News br

.....Fast-moving corporate changes were under way at Bally Manufacturing in late August, with Charles H. Farmer appointed president of its Pinball Division. Jules Millman, president of Bally's Aladdin's Castle chain, was named consultant to that branch, with duties centered around its new Hong Kong operations. And otherwise, Bill O'Donnell, Jr., formerly president of the Pinball Division, was moved over to head Aladdin's. A full background report will follow in *Play Meter*.....

.....Cinematronics, Inc. and Atari, Inc., parties to pending litigation since February 1980, announced an out-of-court settlement to their mutual satisfaction and entered into certain licensing arrangements September 1, 1981 with regards to the Cinematronics patents involved. Cinematronics in 1980 had alleged infringement by Atari in its *Asteroids* game of certain patents held by Cinematronics principals Jim Pierce and Tom Stroud, Sr. and pertaining to a video game's vector-generated display and to the "Vectorbeam" monitor.....

.....Exidy, Inc. has sold its Data Systems Division to a New York-based venture capital group, Biotech Capital Corp. The Systems Division, established in 1978, marketed the sorcerer microcomputer product line worldwide. "By selling the computer division," said Exidy Chairman Pete Kauffman, "we are emphasizing our commitment to the games business."....

.....Mountain West Alarm of Phoenix, Arizona has released its latest 68-page catalog of over 1,600 alarm and security products. Buyers may select from do-it-yourself to the more sophisticated electronic systems available, with basic instructions and diagrams included in the catalog. For the free book, write: Mountain West Alarm, 4215 N. 16th Street, Box 10780, Phoenix, AZ 85064.....

.....A lavish color pictorial look-back at collectable jukeboxes has been released by Lancaster-Miller publishers. The 104-page hardbound book is available at $13.95 including shipping charges, from Jukebox Collector, 2545 S.E. 60th Court, Des Moines, Iowa 50317.....

.....Coin Acceptors, Inc. of St. Louis has, since spring of this year, assembled a growing field staff of sales and/or service representatives and CoinCo branch managers. Sales/service rep Randy Williams went to CoinCo's St. Louis office with responsibility for sales and service in the central Midwest. A previous service manager with CoinCo in the northeastern region, Stephen R. Rothwell goes to the Boston office as sales rep for that region. Stanley M. Gossard was appointed sales/service rep for CoinCo, to work out of its branch office in Minneapolis. Randy L. Rausch will be responsible for account service as a sales/service rep from CoinCo's Bensenville, Illinois branch office. Meanwhile, Roy R. Rodgers was appointed sales/service rep attached to the Houston branch office. In a new post at the Tampa branch office, Robert H. Wilcox stepped on board July 29 as branch manager. At CoinCo's Memphis branch office, Daniel O'Keefe was appointed manager, responsible for that region. Michael O'Keefe was named branch manager for CoinCo for the Atlanta territory. And at the Minneapolis office, Donald J. Kodlowski was in place as branch manager for Coin Acceptors.....

.....Standard Change-Makers, Inc. of Indianapolis has appointed Jerre Thompson as district manager in its national sales force. His territory will include will include Florida and the southern portions of Georgia and South Carolina, with his base office in Lakeland, Florida.....

# News briefs... News briefs... News briefs... News briefs...

.....At Empire International Export Corp., Tracey Tomashpol has been named export manager. Jerry Marcus, president of parent company Empire Distributing, Inc., noted that Ms. Tomashpol has been with the firm for two years and is experienced in its extensive export operation. She is a graduate of Grinnell College in Iowa.....

.....Kenneth Fedesna has been appointed vice president of engineering for Williams Electronics, Inc. He has been associated with Williams for four years, and during that time he helped with development of its first solid state pinball game and was part of the team that designed its first in-house video product, *Defender*.....

.....New faces have appeared among the Williams Sales Department staff, which an announcement from North California Avenue, Chicago said was expanded to handle the increased business derived from Williams' video introduction. Marty Glazman was appointed sales manager in January to head the sales team. Recently appointed to the squad was Lewis Wilson, joining Williams in July as marketing manager, responsible for new game testing, among other projects. Lesley Ross, a member of the Williams export staff for the past two years, was promoted within the sales department as traffic manager, in charge of domestic and foreign shipping of all products.....

..... New West Coast marketing rep for Game Plan, Inc. is Paul R. Scribner, of Irvine, California, who will be headquartered in Los Angeles. He has worked for micrographic products firms including Eastman Kodak, Calcomp, and AM International.....

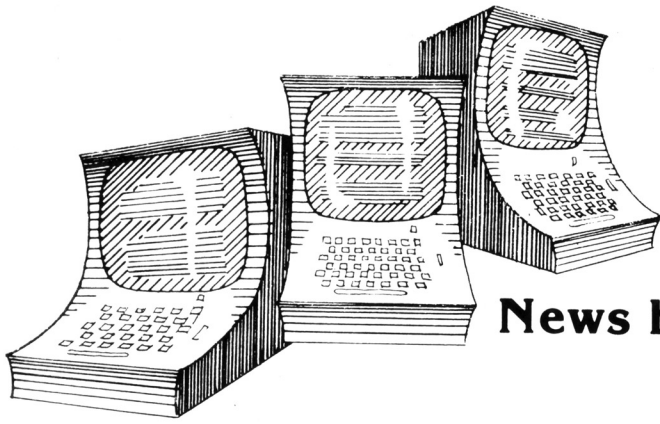
.....After an 18-month absence from the coin-op industry, Ed Tuhkanen is back on board at Tournament Games, Inc. in a sales capacity. Formerly a liaison between the sales and promotional departments, Tuhkanen recently cited the "current resurgence and tremendous potential" of the *Tournament Soccer* and *Tournament Mark Darts* markets.....

.....Abbott Coin Counter Co. Inc. has announced the election of Marshall Graham to its board of directors. Graham comes from a wide background in sales and marketing, and he is president and a founder of Source Telecomputing Corp. of McLean, Virginia, where he resides.....

.....The appointment of Jo An Mason to Midway Manufacturing Corporation's new position of manager of trademark merchandising was announced recently by Stan Jarocki, Midway vice president/marketing. Ms. Mason has been associated with the industry for more than 10 years and in 1980 had moved from Midway to sister outfit Bally Pinball Division as manager of marketing administration and research.....

.....Ron Polkow has been tapped as production manager for Universal Research Laboratories, Inc., the Stern Electronics subsidiary. He will supervise electronic parts production for Stern's coin-op amusement machines and Seeburg phonograph divisions. Meanwhile, at Stern, Daniel Jarodsky was appointed chief engineer of game systems development, to supervise Stern's mechanical engineering staff and direct engineering of new video games. Also on North Michigan Avenue the post of director of engineering/games was recently filled by Phillip J. Burnstein, who will direct engineering for Stern's amusement games division. He comes to his position with a background of 21 years in manufacturing, sales, and marketing experience.....

.....David Shoenberg has joined Stern Electronics as vice president/general counsel. He was formerly a partner in the Chicago law firm of Altheimer and Gray and has served as Stern legal counsel since the company was formed in 1976.....



# News briefs....news briefs....news l

.....From London in late August came reports of the British version of a "Brilab" type of investigation--involving amusement arcade operators. The value-added tax (V.A.T.) fraud investigation, code-named Operation Nudger, ended at a London magistrate's court when eight arcade operators paid 2.7 million pounds-sterling in an out-of-court settlement. The court was told that the settlement covered unpaid V.A.T. customs costs reported to be more than one million pounds, in lieu of penalties for the fraud. Customs officials told Magistrate Edward MacDermott that the fraud involved ten million pounds being suppressed, rather than reported as takings from amusement machines. The machines included video games and "fruit," or amusement-with-prizes machines, some fitted with "nudge" buttons (which gave the tax investigation its name). The investigation was launched after officers became suspicious of the V.A.T. returns from the operations of the eight operators and seven companies directly involved. More than 100 customs officers carried out a series of raids on London & Blackpool arcades in March, and observations reportedly showed that some of the takings from the machines were "skimmed" from the business without being entered into accounting books.....

.....A group of pool table operators in Ohio has newly organized a statewide 8-ball pool league. Each Ohio Music and Amusement Association member was invited to join the 20 to 26 week schedule by contacting the OMAA office in Columbus (telephone: 614/221-8600).....

.....The Valley Company's promotional program designed for both distributors and operators is in full swing, to bolster the earning draw of the table in this period of video dominancy. The "Sun-sational Sail Away" offers a grand prize of a week's Caribean Cruise, a second prize of a Valley pool table, plus 23 additional prizes, with the winners to be announced at the AMOA Show in Chicago on October 30, all for the sale and promotion of pool tables at the local level.....

.....Casino gaming is again under consideration in Connecticut: a state committee has been formed to study proposals and issue a report prior to the next legislative session's convening in February 1982. Meanwhile, New York State's lottery director is studying state-subsidized video poker and black jack games, to be installed in hotels, bars, and businesses for a trial period. Plans for the test are pending, but coin-op amusements people are concerned about the ill effects that may come from the close association of payout machines and arcade pieces in New York. An analysis will be upcoming in *Play Meter*.....

.....Five men have pleaded quilty in New Jersey to charges of cheating slot machines in Atlantic City casinos, according to the state Division of Criminal Justice. The five, all from Annapolis, Maryland, admitted to seeking out particular slot machines and manipulating the handles so as to stop the wheels at a particular symbol and hit the jackpot. All five face up to 18 months in jail and fines up to $25,000.....

.....Family Game Sales & Distributorship, Nampa, Idaho announced it has been tapped as the distributor for Amstar and U.S. Billiards in the states of Idaho, Montana, Oregon, Washington, Colorado, Wyoming, and North Dakota.....

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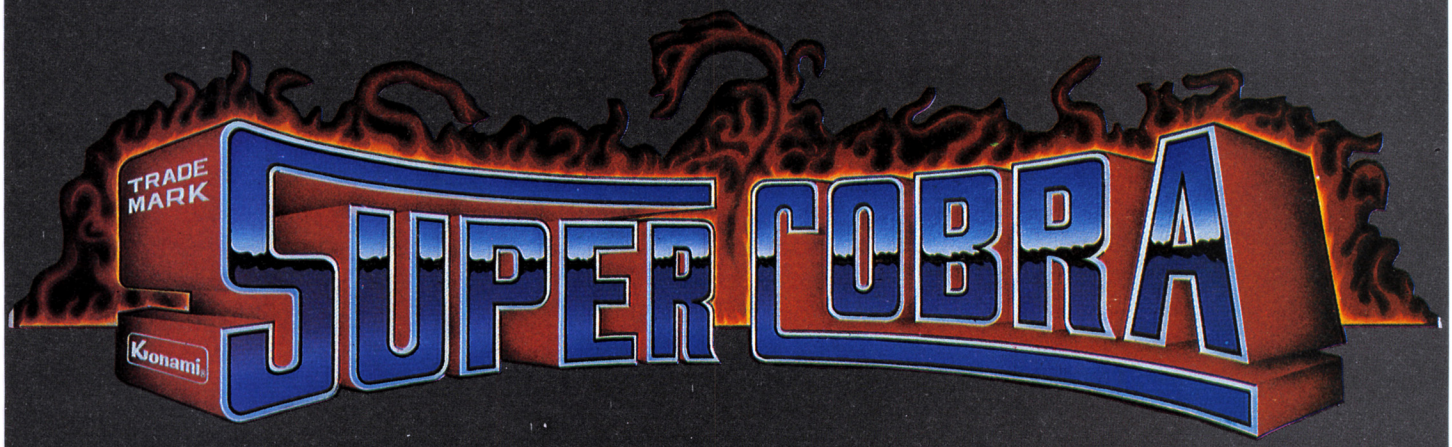


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