



2015 Product Catalog

US Vibra, LLC provides products and services for the manufacturing markets in Surface Mount Electronics, Aerospace, Medical, Computer and Contract Manufacturing Industries with a full line of standard products and Design Services for custom Component Handling Equipment.

US Vibra, LLC offers feeding solutions for virtually any Pick and Place Machine in today's market. Our modular design allows our customers to mix and match feeders, tooling and accessories to satisfy most production requirements.

Our systems are compatible with

Philips/Yamaha/Assembleon/Juki/Zevatech/Fuji/ Panasonic



1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



Phone: (520) 624-3709
Fax: (520) 624-3491



Linear Delivery Systems

Linear drive units are ready to mount into an existing work envelope/pick-n-place machinery, re-work stations or wherever reliable parts delivery is required. Our self-contained units can be used with a wide range of standard platforms, accommodating multiple lanes of anti-static tubes. Nonstandard platforms are quoted upon request. All US Vibra, LLC systems are 100% guaranteed.

Vibratory Feeders and Machine Compatibility

Vibration of the In-Line Feeders are adjustable by utilizing amplitude and frequency controls.



CSM-100 110VAC



FI-CSM-100-24V

Philips/Yamaha/Assembleon Compatible Vibratory Feeders

FI-CSM-100	110VAC Linear Feeder for Yamaha YS Series machines
FI-CSM-100-24V	24V Linear Feeder for Yamaha YS Series machines
CSM-100	110VAC Linear Vibra Feeder (All CSM series are machine compatible)
CSM-100-24V	24V Linear Vibra Feeder

1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com



Phone: (520) 624-3709
Fax: (520) 624-3491



Single Lane

CSM-125

110V Tape-Width (Single Lane) Vibra Feeder

CSM-125-24D

24V Single Lane Linear Vibra Feeder



Juki /Zevatech Compatible Vibratory Feeders

JK-100

Placemat Feeder Base PM-150 (100VAC)

JK-100-MOD

Modified Swiss Style PM-150) (100 VAC)

JK-180

700 Series Feeder NSF (24VDC)

JK-100-A

Placemat Feeder PM-150,24V, with base adapter latch

JK-100-ADAPT

Placemat base adapter latch

1955 W. Grant Rd. Ste. 210

Tucson, AZ 85745

www.usvibra.com

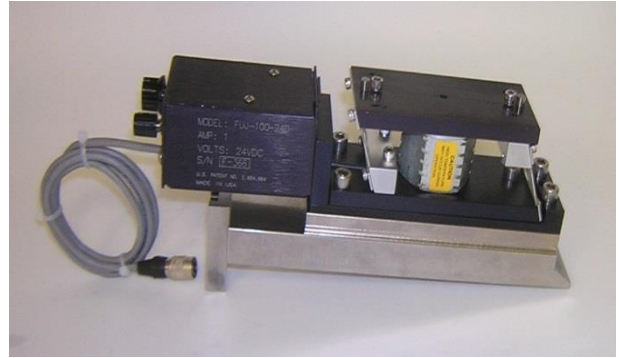
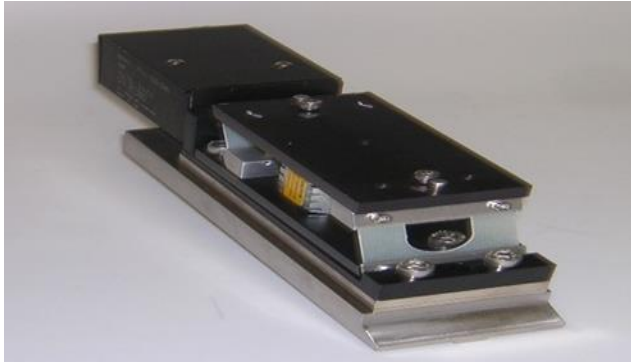
sales@usvibra.com

Made in America



Phone: (520) 624-3709

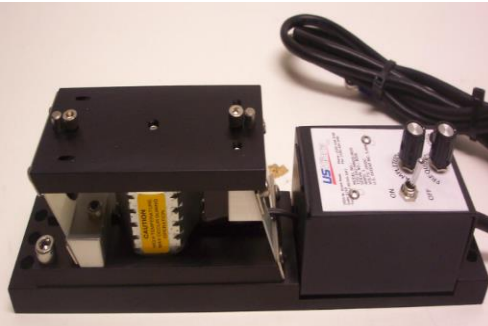
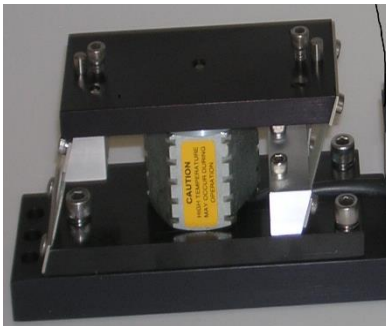
Fax: (520) 624-3491



FUJI Compatible Vibratory Feeders

FUJ-100
FUJ-100-24D

Linear feeder
FUJI Input feeder



Stand Alone Units

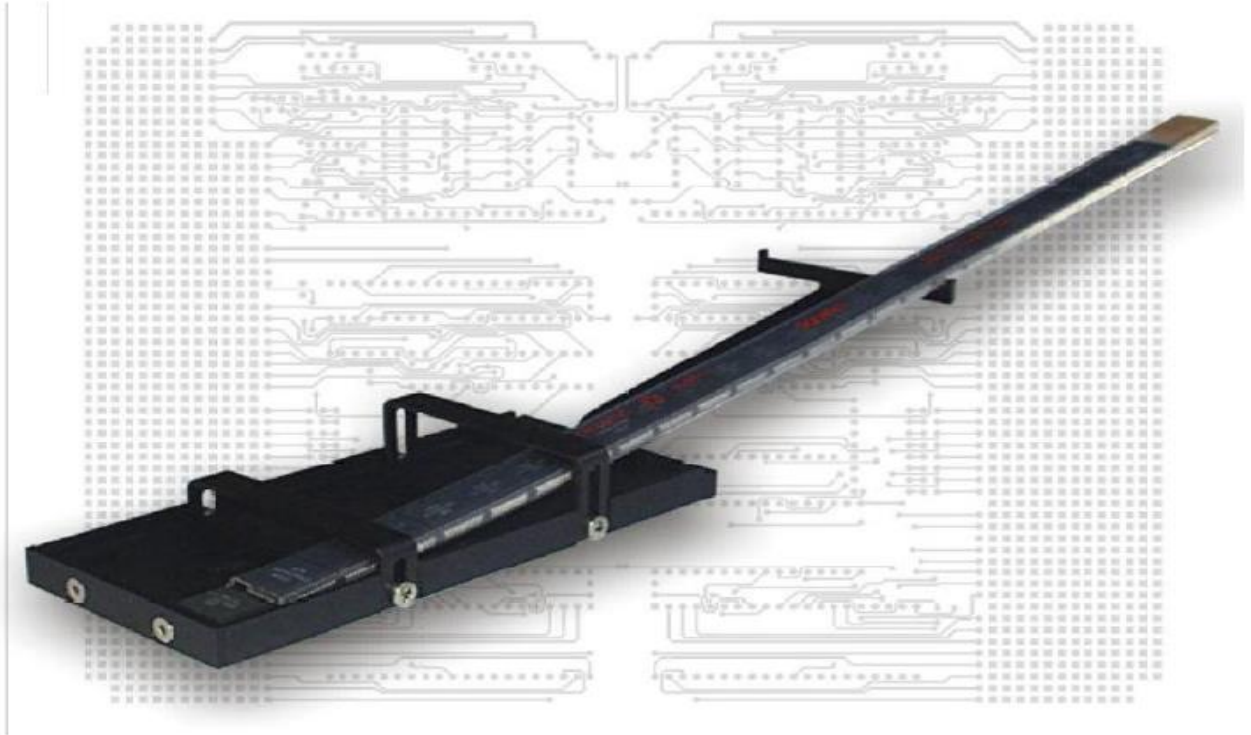
TDS-042	Linear Drive
TDS-042 (110AC/24AC) (24DC)	Linear Drive (Unloader)
TDS-042MMDSMOD (110AC/24AC) (24DC)	Linear Drive (Loader)
TDS-0408A	Miniature Linear Drive (Single)

1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



Phone: (520) 624-3709
Fax: (520) 624-3491



Ski-Slope Top Platforms are designed for use on all US Vibra In-Line Vibratory Feeders.

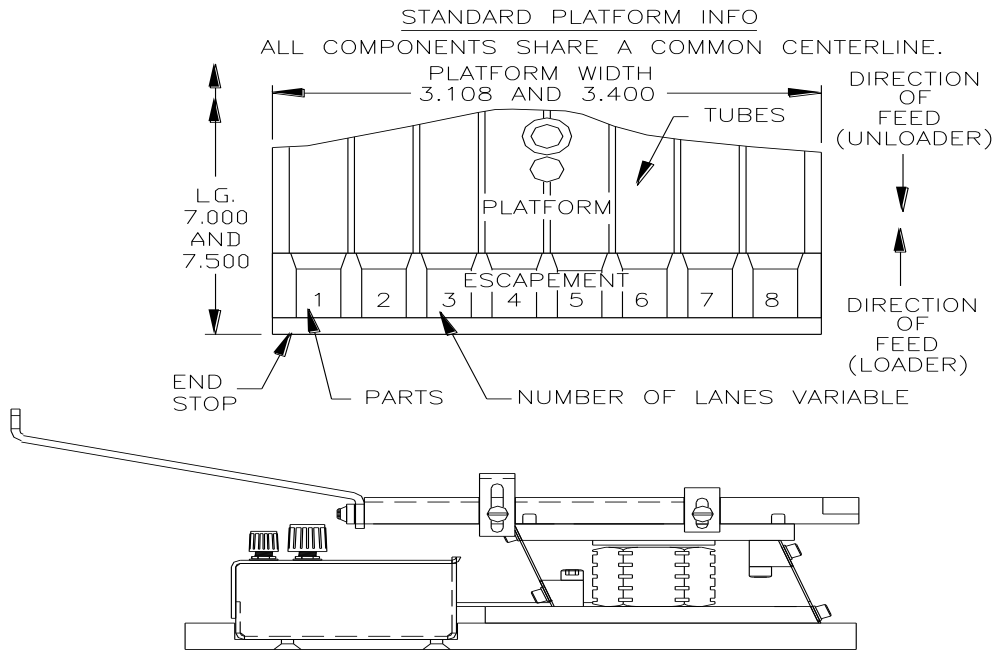
We have a variety of component delivery platforms to fit your manufacturing needs. Our blank platforms have the greatest flexibility as they can feed a variety of component sizes. We also have platforms for multi-component applications, component specific platforms, as well as platforms for tube loading.

1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

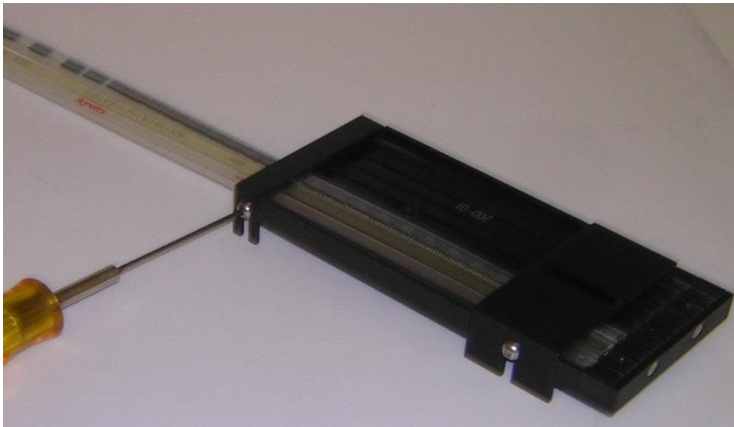
Made in America



Phone: (520) 624-3709
Fax: (520) 624-3491



On an Unloader, the Escapement area on the platform is the area in which the component is placed for the pick and place machine to locate and pick up the part.



On the Loader, the Escapement area is where the component is placed to be loaded into the anti-static tubes.



Standard Platforms

If you do not see a specific component in our list of standard platforms, we can manufacture to your specific needs. Please contact our Sales department.

Component	US VIBRA Unloader Part #	US VIBRA Loader Part #	No. Lanes
SOIC-8/14/16	300-01-P	200-01-P	8
SOIC-8/14/16 SOLIC- 16 PLCC-20 "Mixed"	300-02-P	200-02-P	6
SOLIC-16/20/28	300-05-P	200-05-P	5
PLCC-20	300-08-P	200-08-P	5
PLCC-28/32	300-09-P	200-09-P	5
PLCC-18	300-11-P	200-11-P	5
SOJ-20/26 (DRAM)	300-12-P	200-12-P	5
PLCC-68	300-13-P	200-13-P	2
PLCC-84	300-14-P	200-14-P	2
PLCC-44	300-15-P	200-15-P	3
SOIC-8	300-16-P	200-16-P	8
PLCC-52	300-17-P	200-17-P	3
PLCC-100	300-18-P	200-18-P	2
SOMC-14/16/20	300-19-P	200-19-P	6
SOJ-28/32, 300 MIL	300-22-P	200-22-P	5
SOJ-24/32 400 MIL	300-23-P	200-23-P	5
SOJ-36/44 400 MIL	300-24-P	200-24-P	5
SOMC-14	300-24-P	200-24-P	5
ADJUSTABLE ESCAPMENT PLATFORM	300-21-P	-	-
OPEN TUBE PLATFORM	300-25-P	200-25-P	-
8 PIN DIP	300-26-P	200-26-P	5
SOIC- 8 WIDE	300-27-P	200-27-P	6
SSOP-18	300-28-P	200-28-P	6
TSSOP14	300-29-P	200-29-P	8
TSSOP16	300-30-P	200-30-P	8
TSSOP18	300-31-P	200-31-P	6
TSSOP20	300-32-P	200-32-P	8
TSSOP-24	300-33-P	200-33-P	8
TSSOP28	300-34-P	200-34-P	6

1955 W. Grant Rd. Ste. 210
 Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



Phone: (520) 624-3709
 Fax: (520) 624-3491



Standard Platforms for Single lane CSM-125

Component	US VIBRA Unloader Part #
SOIC-14/16	CSM-125-01P
SOLIC	CSM-125-05P
PLCC-20	CSM-125-08P
PLCC-28/32	CSM-125-09P
Blank Guidelane to be milled by customer	CSM-125-10P
PLCC-18	CSM-125-11P
SOJ-20/26 (DRAM)	CSM-125-12P
PLCC-68	CSM-125-13P
PLCC-84	CSM-125-14P
PLCC-44	CSM-125-15P
SOIC-8	CSM-125-16P
PLCC-52	CSM-125-17P
PLCC-100	CSM-125-18P
SOMC	CSM-125-19P
Special Guidelane manufactured to components & tubes supplied by customer.	CSM-125-XXP

1955 W. Grant Rd. Ste. 210
 Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



Phone: (520) 624-3709
 Fax: (520) 624-3491



Juki/ Zevatech Compatible Guide lanes & Accessories

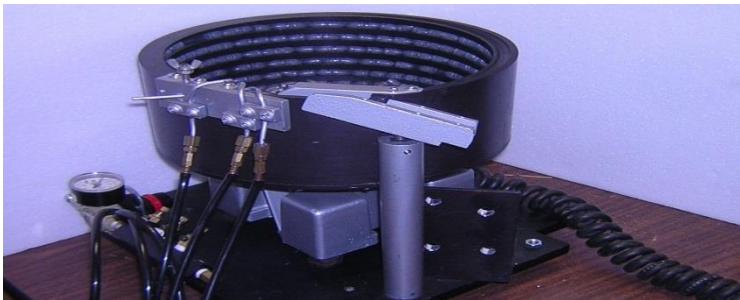
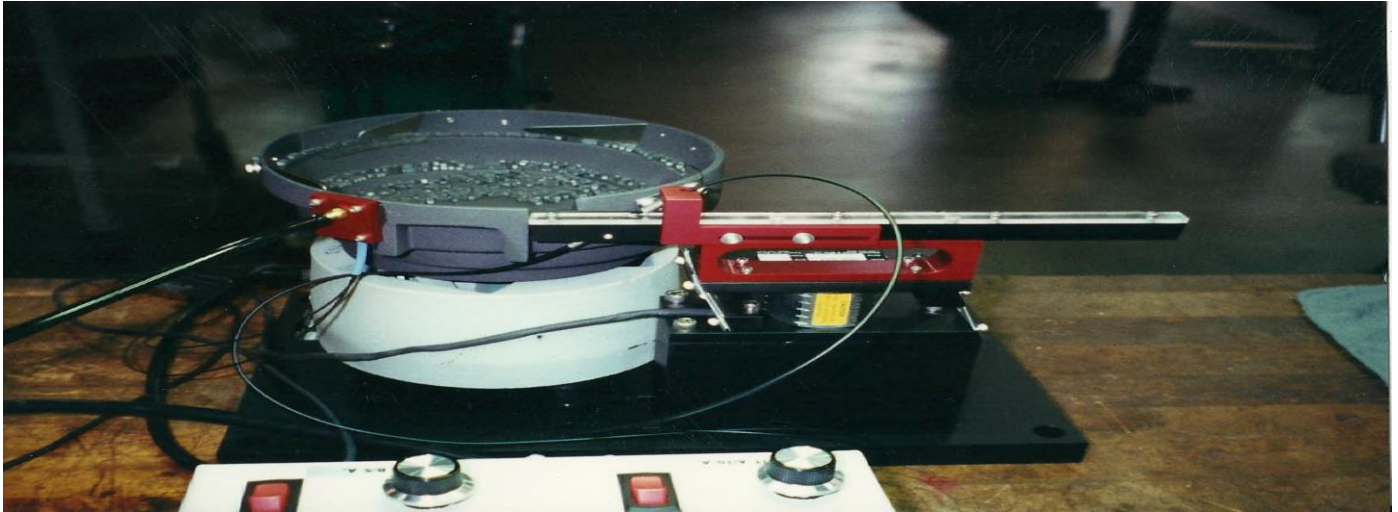
Component	US VIBRA Unloader Part #
SOLIC /No-Dispenser Guidelane PM150D/SOL	JK-102
SOIC/Dispenser Guidelane PMD150S/SOIC	JK-103
SOLIC/Dispenser Guidelane PMD150/SOL	JK-104
PLCC-18/No-Dispenser Guidelane PM150D/PLCC-18	JK-105
PLCC-18/DISPENSER GUIDELANE PMD150D/PLCC-18	JK-106
PLCC-20/NO-DISPENSER GUIDELANE PM150D/PLCC-20	JK-107
PLCC-20/DISPENSER PMD150D/PLCC-20	JK-108
PLCC-28/32/NO-DISPENSER GUIDELANE PM150D/PLCC-28/32	JK-109
PLCC-28/32/DISPENSER GUIDELANE PM150D/PLCC-28/32	JK-110
PLCC-44/NO-DISPENSER GUIDELANE PM150D/PLCC-44	JK-111
PLCC-44/DISPENSER GUIDELANE PMD150D/PLCC-44	JK-112
PLCC-52/NO-DISPENSER GUIDELANE PM150D/PLCC-52	JK-113
PLCC-52/DISPENSER GUIDELANE PMD150D/PLCC-52	JK-114
PLCC-68/NO-DISPENSER GUIDELANE PM150T/PLCC-68	JK-115
PLCC-68/DISPENSER GUIDELANE PMD150T/PLCC-68	JK- 116
SOIC-8/NO-DISPENSER GUIDELANE PM150S/SOIC-8	JK-117
SOIC-8/DISPENSER GUIDELANE PMD150S/SOIC-8	JK-118
PLCC-84/NO-DISPENSER GUIDELANE PM150T/PLCC-84	JK-119
SOJ-20/26 DISPENSER GUIDELANE PMD150D/SOJ(D-RAM)	JK-120
SOJ-20/26/NO-DISPENSER GUIDELANE PM150D/SOJ(D-RAM)	JK-197
PLCC-84/DISPENSER GUIDELANE PMD150T/PLCC-84	JK-159
SOMC/DISPENSER GUIDELANE PMD150D/SOMC	JK-176
SOIC 4-TRACK GUIDELANE ESF-SOIC	JK-121
SOIC-8 4-TRACK GUIDELANE ESF-SOIC-8	JK-194
SOLIC 3-TRACK GUIDELANE ESF-SOLIC	JK-125
SOJ-20/26 3-TRACK GUIDELANE ESF-SOJ (D-RAM)	JK-130
PLCC-28/32 2-TRACK GUIDELANE ESF-PLCC-28/32	JK-133
PLCC-20 3-TRACK GUIDELANE ESF-PLCC-20	JK-136
PLCC-44 2-TRACK GUIDELANE ESF-PLCC-44	JK-138
PLCC-52 2-TRACK GUIDELANE ESF-PLCC-52	JK-141
PLCC-84 1-TRACK GUIDELANE ESF-PLCC-84	JK-144
PLCC-100 1-TRACK GUIDELANE ESF-PLCC-100	JK-147
PLCC-18 4-TRACK GUIDELANE ESF-PLCC-18	JK-150
SPECIAL LANES MFG. TO SAMPLES & TUBES SUPPLIED	JK-XXX

1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



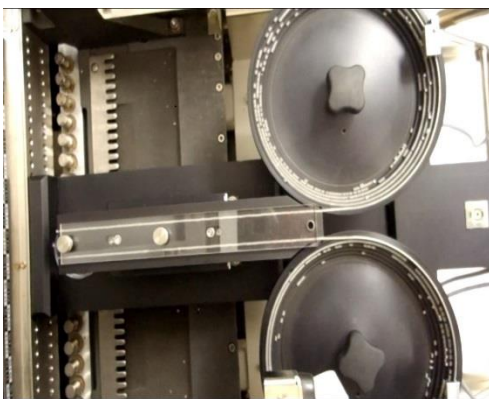
Phone: (520) 624-3709
Fax: (520) 624-3491



Vibratory Bowl Feeders

US Vibra, LLC Vibratory bowl feeders utilize vibration to sort and orient parts for automation processes. Bowl feeder systems consist of a bowl with an internal track mounted on top of a rotary drive unit that provides the feeding action.

A vibratory bowl feeder does not solely depend upon vibration to feed, sort and orient the product, but also used are gravity, compressed air as well as mechanical and stationary devices. Once the product is fed up the track and prepared to exit the bowl, it can be delivered directly to the pick point from the bowl or transitioned onto a linear drive and carried to a remote point or to other equipment. The linear feeders utilize a vibratory unit with trays or tracks to carry the product to its destination.



Our Bowl Feeders are custom built to your component for its size, weight, shape, orientation and delivery point requirements.

Please contact us at sales@usvibra.com for your application needs.

1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



Phone: (520) 624-3709
Fax: (520) 624-3491



Other services, products, and information:

All US Vibra, LLC equipment is FOB, Tucson, AZ. For more information on other systems, custom applications, hi-speed surface mount bowl feeders, standard stock linear and circular drive bases, feeder controls and replacement parts please contact us at sales@usvibra.com for quotes and information.

WARRANTY INFORMATION

US Vibra, LLC products include a 1 year warranty. Should any product become defective, US Vibra, LLC will repair or replace it at our option free of charge (less freight). This service is available by returning defective equipment to the factory for evaluation. All warranty repairs or replacements will be returned freight collect.

US Vibra, LLC linear drives are warranted only when used with US Vibra, LLC supplied top platforms, tooling &/or other accessories. Use of non US Vibra, LLC attachments, tooling, top platforms, etc. immediately VOIDS all warranties.

Warranty does not cover damage resulting from accident, transportation, negligent use or misuse, alterations or repairs by other than factory personnel.

Vibratory feeder drives are under warranty only when used with controls manufactured &/or supplied by US Vibra, LLC. Other manufacturer's controls may damage &/or reduce the life of the feeder.

In the event of shipping/transportation damage, please pursue recovery for

1955 W. Grant Rd. Ste. 210
Tucson, AZ 85745
www.usvibra.com
sales@usvibra.com

Made in America



Phone: (520) 624-3709
Fax: (520) 624-3491