

# WEDGE BRACKET VIBRATORS

## 4" WIDE WEDGE



**SVRWS-4000W**



**CCW-2000W**



**UWF-3**



**US-1600  
with UWF-3 BRACKET**

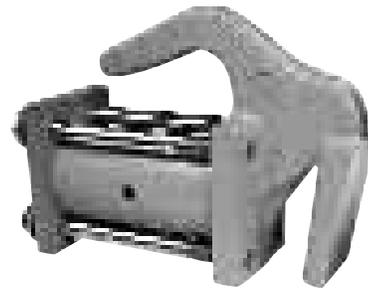
## 3" WIDE WEDGE



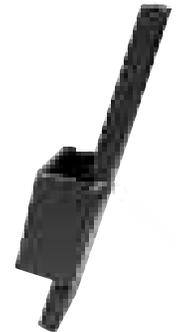
**US-900 with UW-2 BRACKET**



**VS-510 with WEDGE**



**42-2**



**UWF-1**

VIBCO produces 3" and 4" wide wedge brackets. The 3" models have been a standard in the industry for many years. The increased requirements for faster production and more powerful vibrators made it necessary to develop the stronger 4" wedge.

Two pneumatic units with the wedge as a permanent part of the unit were developed - Model CCW-2000W and SVRWS-4000W. The CCW-2000 needs no lubrication and is absolutely quiet, 75-80 dB, ideal in places where noise is objectionable. Model SVRWS-4000 is a high frequency unit and will produce a strong and architectural finish to the concrete together with a fast pour. The SVRWS as well as the 42-2" piston type vibrator need continuous lubrication.

Almost any vibrator can be adapted to the separate male bracket. The 115 volt models US-900 and US-1600 are the most popular ones. Their light weight and high frequency make them excellent units for obtaining high strength and architectural finish. For the smaller forms the 3" wedge is used with smaller vibrators such as the pneumatic turbine VS-line.

## TECHNICAL DATA

Model	Weight		80 PSI		100 PSI		lbs.	Force	N	dB
	lbs.	kg.	Speed VPM	CFM	Speed VPM	CFM				
CCW-2000	23	10.5	6000	35	-	-	2000	8900	78	
SVRWS-4000	23	10.5	11500	40	13500	40	4400	19500	82	
42-2	26	11.8	4500	18	-	-	1000	4449	85	

US-900, 1600 See Page 14 for Technical Data. VS-320, BVS-510 See Page 12 for Technical Data.

## DIMENSIONS\*

Model	L inch/mm		W inch/mm		H inch/mm		A inch/mm		B inch/mm		C inch/mm		R inch/mm
CCW-2000	6-7/8	175	7-3/4	197	7-1/8	181	-	-	2-3/8	60	5-1/8	130	3/4 NPT
SVRWS-4000	6-7/8	175	7-3/4	197	7-1/8	181	3/4	19	2-3/16	56	5-1/8	130	3/4 NPT
42-2	9-3/8	238	3-1/2	89	7-1/8	181	3/8	10	2-1/4	57	4-1/2	114	1/4 NPT
US-900	11-1/8	283	4-7/8	124	6-1/4	160	3-1/2	89	6-7/8	175	1/2	12	-
US-1600	11-1/4	286	5-5/8	143	5-5/8	143	4-1/2	114	7	178	1/2	12	-
VS-510	6-3/4	171	2-7/8	73	5-3/8	137	5-1/2 x 1-3/4 140 x 44		3/4	19	-	-	3/8 NPT

\* See page 3. NOTE: Dimensions and data subject to change without notice.

# 4" WIDE WEDGE BRACKET- PNEUMATIC VIBRATORS

- BETTER VIBRATION TRANSFER
- MORE HOLDING POWER
- STRONGER WEDGE
- PORTABLE - EASY ON, EASY OFF

**WIDER  
IS  
BETTER**



Use a hammer on top strike pad to secure or bottom strike pad to remove wedge in female bracket.



**MODEL CCW-4000**  
(air operated)

**MODEL SVRWS-4000W**  
(air operated)



**UWF-3  
FEMALE  
BRACKET**  
(attaches  
easily to forms)

## CONCRETE FORM VIBRATORS:

Wider wedge allows greater vibration transfer and more holding power allowing larger vibrators to be used. This will give you better consolidation of the concrete, better surface finish while using a stiffer mix. You can also make the UWF-3 bracket yourself. Drawings are available.

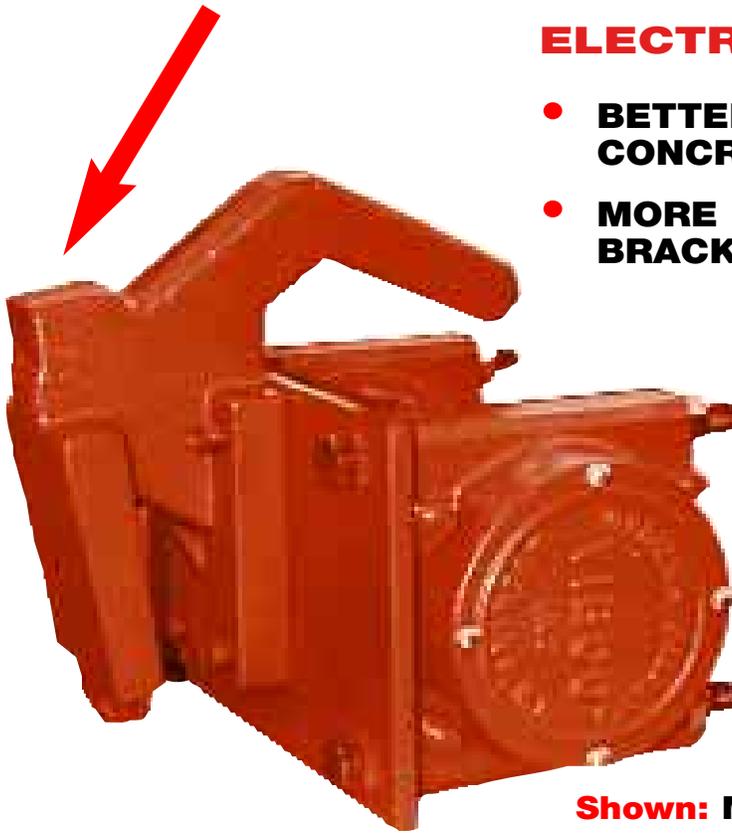
Model-SVRWS-4000W is a high frequency air vibrator producing 4000 lbs. of vibration force at 13,500 vibrations per minute. Air consumption 40 CFM. Weight 25 lbs.

Model CCW-4000 **Silent** Turbine Air Vibrator (78db), produces 4,000 lbs. of force at 7,300 vibrations per minute. Air consumption 40 CFM. Weight 23 lbs.

# 4" WIDE WEDGE BRACKET

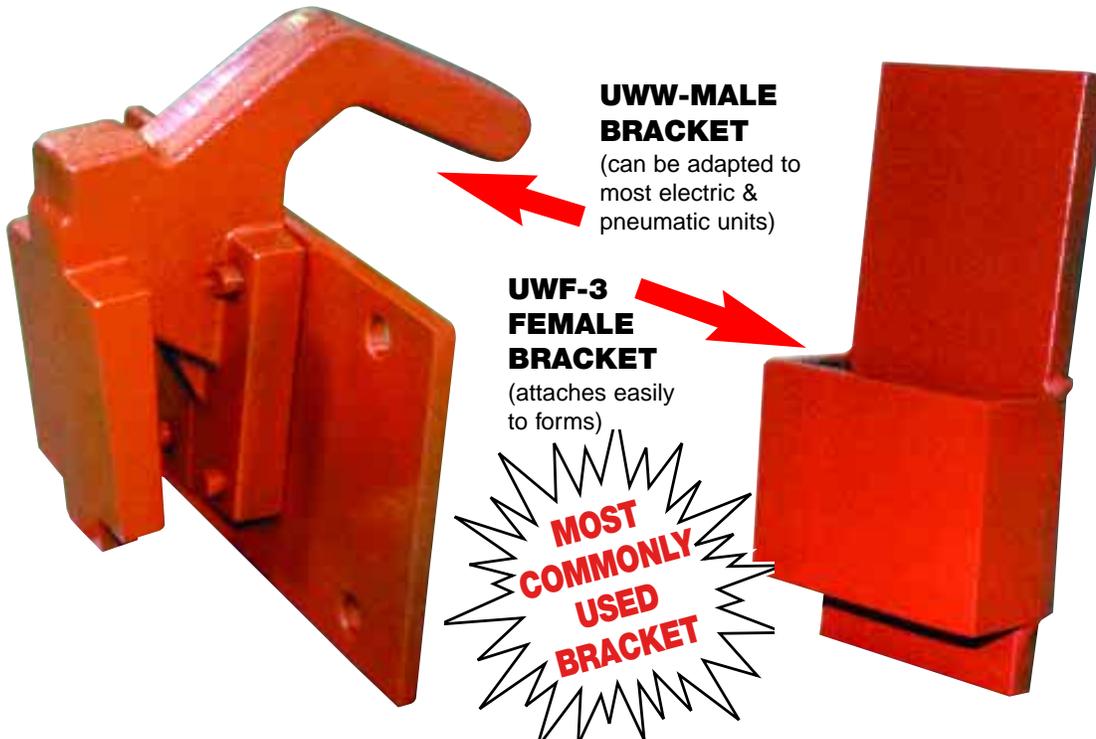
## ELECTRIC VIBRATORS

- **BETTER VIBRATION TRANSFER TO CONCRETE**
- **MORE HOLDING POWER IN FEMALE BRACKET**
- **STRONGER WEDGE FOR GREATER VIBRATION FORCES - 4" vs. 3" WIDE**
- **STRIKE PAD FOR SECURING OR REMOVING UNIT**
- **ERGONOMIC DIAGONAL HANDLE FOR EASE IN HANDLING**



**Shown: MODEL US-1600 Electric 115 volt vibrator mounted with 4" wide wedge**

Use a mallet or hammer on VIBCO designed top strike pad to secure wedge into female bracket. (Usually only necessary when female bracket is worn.) To remove bracket use a mallet or hammer on bottom strike pad if wedge is pushed too far into female bracket.



### UWW-MALE BRACKET

(can be adapted to most electric & pneumatic units)

### UWF-3 FEMALE BRACKET

(attaches easily to forms)

**MOST  
COMMONLY  
USED  
BRACKET**

### DID YOU KNOW?

VIBCO will design custom form bracks for **YOUR** needs. And with VIBCO you'll be supported with **AN ENGINEER** looking up.

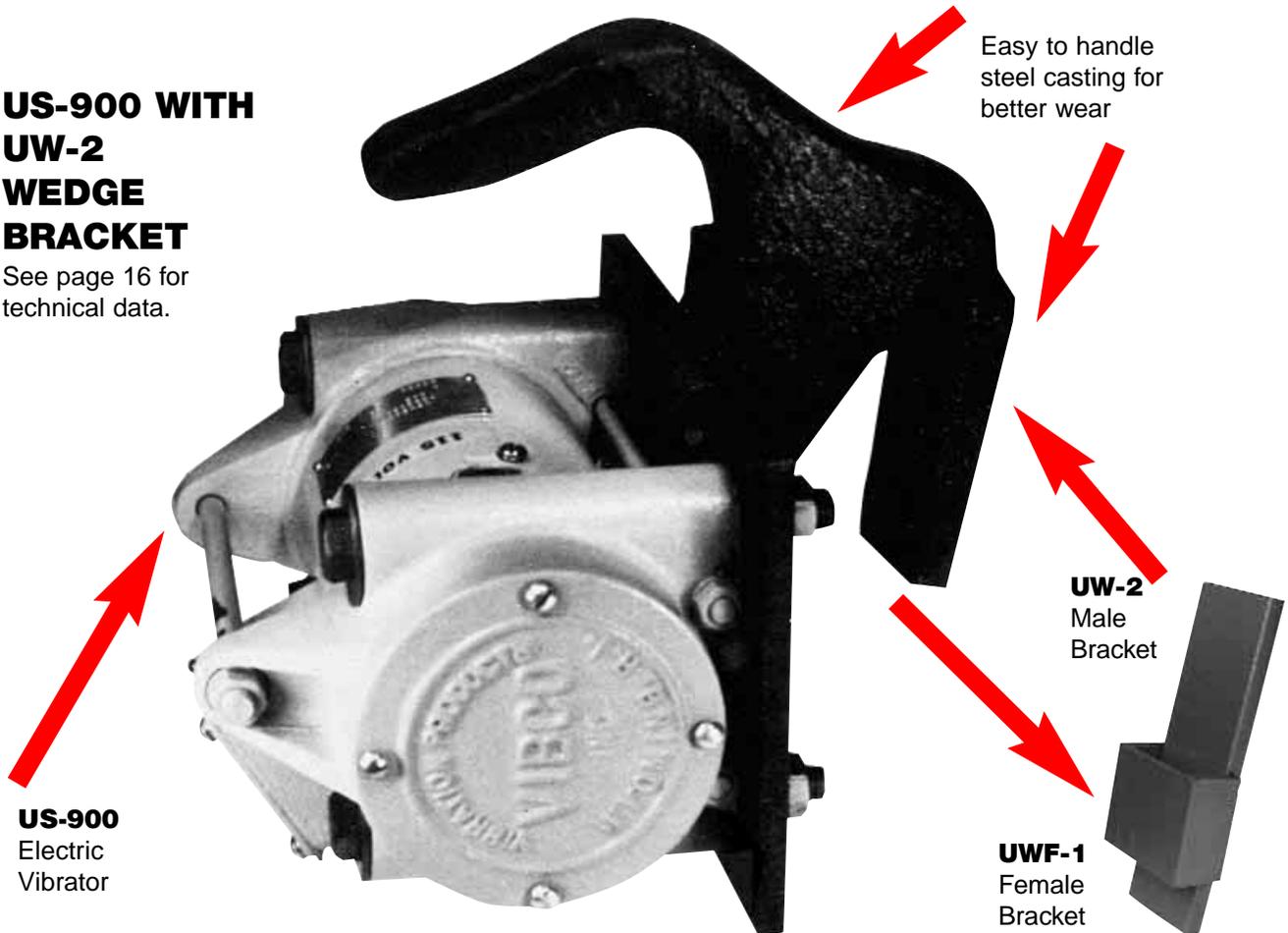


# BEST FOR STEEL FORMS 3" WIDE WEDGE BRACKETS

(90% VIBRATION TRANSFER)

## US-900 WITH UW-2 WEDGE BRACKET

See page 16 for  
technical data.



Easy to handle  
steel casting for  
better wear

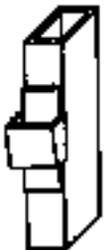
**UW-2**  
Male  
Bracket

**UWF-1**  
Female  
Bracket

**US-900**  
Electric  
Vibrator

High frequency Model US-900 electric vibrator with 10,000 vibrations per minute (adjustable) and 900 lbs. of force (adjustable) 115 volt 3.5 amps. Plug in. On-off switch with overload protection on cord. Intermittent duty. (Duty cycle-30 min. operation in an hour).

## DIFFERENT MOUNTING SUGGESTIONS FOR UWF-BRACKET



Most common mounting  
of UWF bracket.



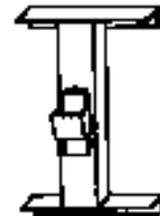
Steel Channel - Add  
stiffener where UWF  
bracket is welded.



Angle Iron - Add a 2 x 2  
tube and angle iron as  
a stiffener.



Add a welded or bent  
steel saddle 1/8-1/4"  
over wood stiffener,  
secure it with thru bolts.



Horizontal Stiffener - add  
a 3 or 4" channel between  
stiffeners.

The wedge brackets are the most popular of VIBCO'S portable form brackets. The male wedge easily slips in and out of the UWF female pocket to give you simple handling & easy portability. Used on steel & wood forms. UWF bracket welds or bolts on. Pneumatic or electric vibrators can be used. See general catalog for other technical data.