

JEPCO NEWS

SUMMER

by Ed Pennypacker

JULY 2001

COUGARIZE!

JEPCO SALES JOINS WITH COUGAR INDUSTRIES. Good quality precast depends on many things. Including the type and quality of vibrators you choose. JEPCO can teach you and your crew how to assess the effectiveness of the vibrators and the techniques employed with them. External vibrators, mounted correctly and sized correctly can pay for themselves in a very short time. To achieve a well consolidated structure may require fifteen minutes of internal vibration as the worker inserts and slowly withdraws the vibrator many times. Instead, that same person could be helping to finish the pour while externals run for



Carefully placed external vibrators free a worker to help pour the piece while reducing the time it takes to produce perfect precast structures.

only a minute or so. The time savings add up day after day. By eliminating the operator of the internal, the cost of the externals is free!

Some of the things to look for:

1. Match the power of the vibrator to the size and weight of the forms and concrete together.
2. Avoid loose mountings. "Wedge bracket" vibrators beat the life out of your forms while delivering poor quality vibration. (Look at the finished product: there's a shiny spot on the wall where the vibrator beats the concrete, surrounded by a mass of bug holes. This is the weak spot formed by this style of vibration)
3. If possible, mount the vibrators on the inside of the core. This delivers vibration to the concrete most efficiently. Door mounts lose vibration at the corners where the doors meet. Transmitting vibration across door joints and hinges is inefficient.



Hard Working, American Made!

Cougar electrics come in 70 different models with Force outputs ranging from 100 to 44,000 lbs.

New Heavy Duty Rotary electric vibrators with force output up to 44,000 lbs set them in a class of their own. These American made vibrators allow precasters to choose the perfect match of performance and force for all situations. Cougar patented the world's first 12 volt truck vibrator in 1964. Now they produce all types of vibrators for every need. High speed air vibrators from the little ball type ones seen on every cement bin, to the heavy hitter roller types mounted on septic tank forms and architectural casting beds. Piston vibrators can be mounted on aggregate hoppers and batching systems. Babylon Vault in New Windsor, MD mounts piston vibrators under septic tank molds and eliminates the need to internally vibrate the forms. The time savings alone pay for the vibrators in a few months. But even more important is the consistent high quality produced day after day. As the pour proceeds the crew turns on the vibrators as they steer the concrete chute around the form. Vibrators eliminate bugholes and make it easier to float off the forms. In a minute or two the concrete fills the form and the vibrators are turned off. On to the next one and the process repeats. Another prominent precaster in MA mounts the AC11-5000 vibrators on each septic tank form. Again, as the form fills the vibrators run for a minute or so and on to the next one. Strong consolidated concrete without bugholes is just that easy.

GET COUGARIZED!

Contact JEPCO SALES for a free vibration seminar held in your plant.

Call: (610) 948-7867

SALE: 15% OFF ALL WACKER VIBRATORS

<u>HEADS</u>	<u>LIST</u>	<u>SALE</u>	<u>MOTORS</u>	<u>LIST</u>	<u>SALE</u>
H 25 (1")	\$215	\$182.75	M-1000 (1HP)	\$415	\$352.75
H 35 (1 3/8")	\$255	\$216.75	M-2000 (2HP)	\$570	\$484.50
H 45 (1 3/4")	\$275	\$233.75	M-3000 (3HP)	\$715	\$607.75
H-55 (2")	\$305	\$259.25			

<u>SHAFTS</u>	<u>LIST</u>	<u>SALE</u>	<u>SHAFTS</u>	<u>LIST</u>	<u>SALE</u>
SM1E (3'3")	\$175	\$148.75	SM1S (3'3")	\$150	\$127.50
SM2E (6'6")	\$195	\$165.75	SM2S (6'6")	\$180	\$153.00
SM4E (13')	\$275	\$233.75	SM3S (10')	\$245	\$208.25

FREIGHT NOT INCLUDED

SALE ENDS OCTOBER 31, 2001



NEW! EHB11 HAMMER DRILL
TAKES SPLINE, SDS MAX, OR WACKER BITS

EHB11BL (WACKER)	\$1480.00	\$1184.00
EHB11BLM (SDS MAX)	\$1550.00	\$1240.00
EHB11BLS (SPLINE)	\$1600.00	\$1280.00

THE FASTEST DRILL THERE IS!
SPEED ADJUSTABLE: 1000-2600 BLOWS PER MIN
100-275 RPM. DRILL UP TO 2" HOLE. CORE UP TO 5". SALE ENDS JULY 31, 2001

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