

YOU SEE CARBON. UNION CARBIDE SEES MORE...

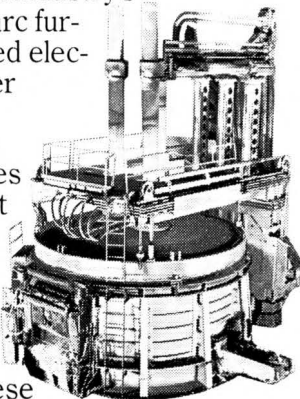


WITHOUT CARBON, LIFE VANISHES.

Carbon is part of every living thing, and of everything that ever lived. Union Carbide makes this basic material into products essential to the way we live: everything from space-age fibers to giant steel-making electrodes.

MORE STEEL FROM LESS ENERGY.

The steel industry's electric arc furnaces feed electric power through graphite electrodes eight feet tall that handle 80,000 amperes of current. These furnaces make new steel from scrap, so they help clean up the countryside and cut pollution while they save energy.

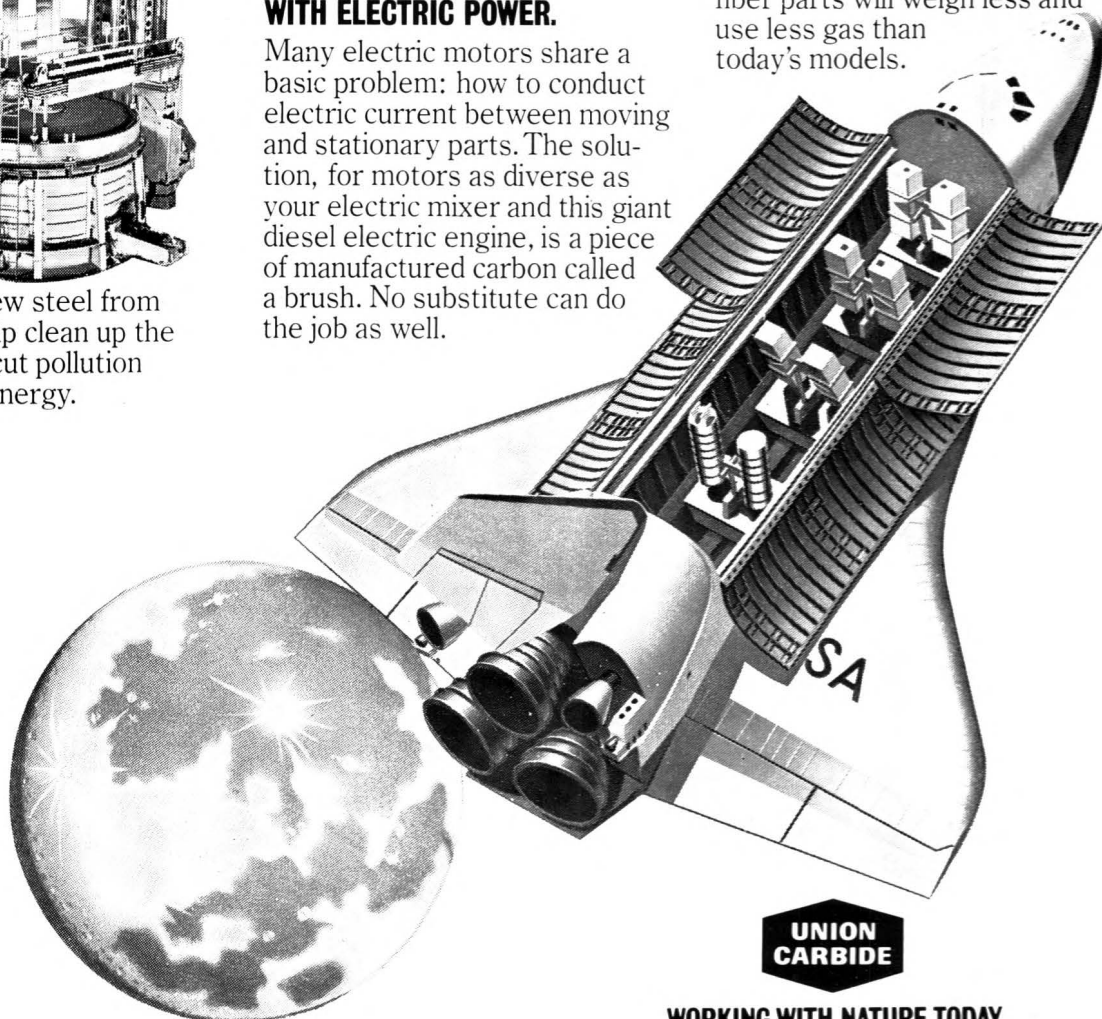


THE SECRET OF MIXING CAKES, OR MOVING TRAINS, WITH ELECTRIC POWER.

Many electric motors share a basic problem: how to conduct electric current between moving and stationary parts. The solution, for motors as diverse as your electric mixer and this giant diesel electric engine, is a piece of manufactured carbon called a brush. No substitute can do the job as well.

THORNEL® A UNION CARBIDE FIBER THAT'S HELPING MAKE SPACE FLIGHT AN EVERYDAY AFFAIR.

Soon, space shuttles like this will carry satellites and scientific cargo into orbit. The shuttle's 60-foot cargo doors are made of Union Carbide's Thornel carbon fiber — amazingly light, yet so strong it will stand up to repeated launches and reentries. For a more down-to-earth application, cars with Thornel carbon fiber parts will weigh less and use less gas than today's models.



**WORKING WITH NATURE TODAY,
FOR THE RESOURCES WE'LL NEED TOMORROW.**