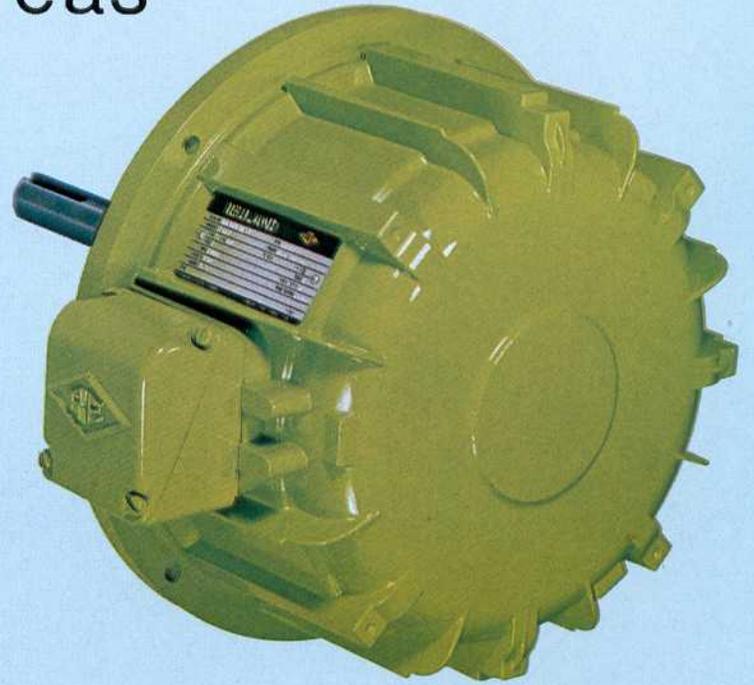
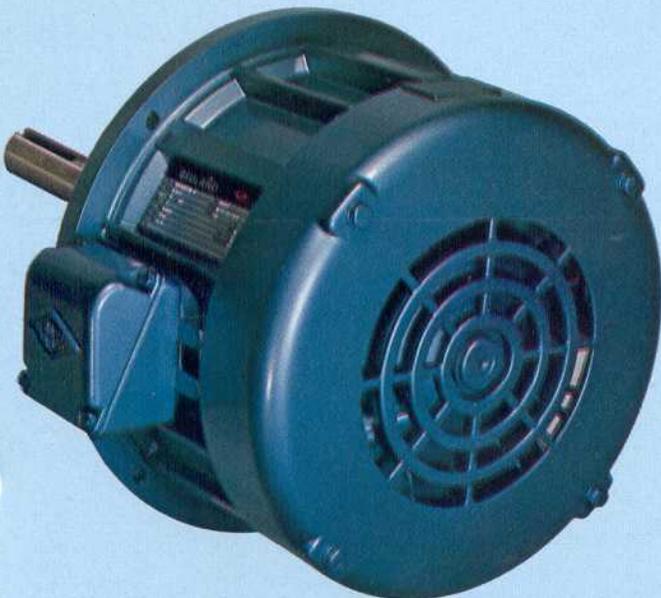


for applications with
limited mounting areas



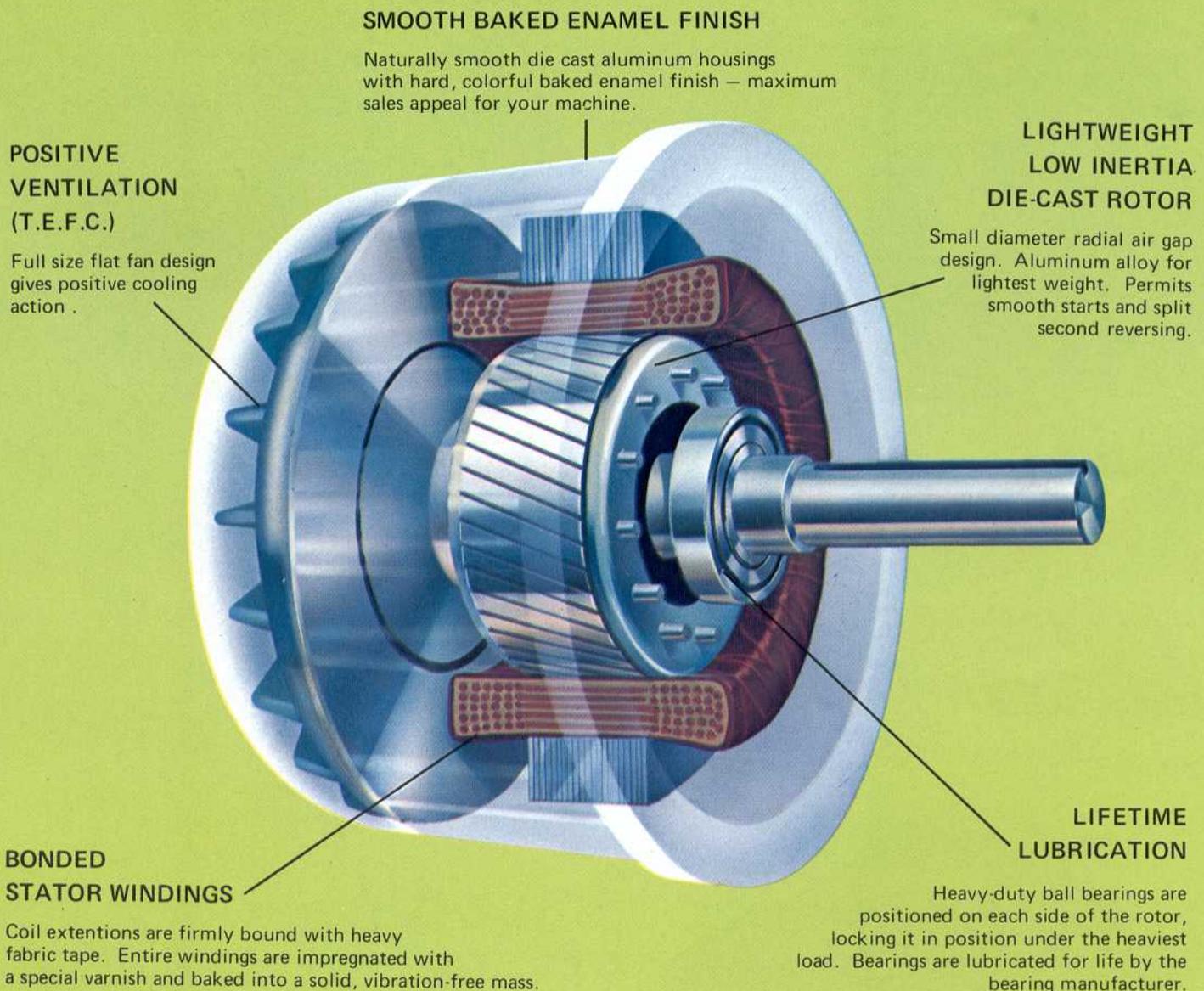
REULAND WAFERTHIN ELECTRIC MOTORS



- machine tools
- textile machines
- cranes and hoists
- door openers
- tensioning devices
- special machinery

REULAND WAFERTHIN MOTORS

the motor design that puts conventional power into half the usual length



ORIGINALLY DESIGNED FOR THE MACHINE TOOL INDUSTRY

The introduction of Reuland's special machine tool motors years ago opened a whole new era in machine tool powering. For the first time, manufacturers could use a motor specially designed for their unusual requirements. No longer did they have to "make something do". However, as other fields learned of this new motor's features, a complete new vista of applications was discovered. Extensive reductions in weight and length . . . fine precision performance . . . smooth castings and beautiful enamel finishes . . . all proved to have universal appeal.

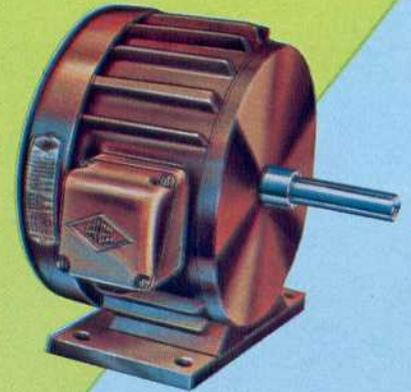
Reuland Waferthin motors have opened up exciting new areas for equipment designers that previously were unthinkable. As a result, many thousands of these motors are today in use throughout a wide cross section of industry — machine tools, textiles, materials handling, special machinery — doing the same jobs that motors twice their size had been doing for years!

TWENTY-TWO WAFERTHIN RATINGS

one-third through thirty-seven
horsepower
900-3600 RPM

SEVEN INTERMEDIATE HORSEPOWER RATINGS

Reuland's intermediate rating system provides extra ratings in between standard NEMA sizes. Saves you money by letting you buy only the horsepower you need to match the performance curve of your machine.



FOOT MOUNTED

LIGHTER WEIGHT SHORTER LENGTH

Waferthin motors are easier to design into machinery. They fit tight areas, have less overhang, assure better machine balance and are easier to handle during installation. Lowest weight per horsepower ratio of any motor.

SMOOTH STARTS QUICK STOPS

The lightweight, low inertia rotor eliminates heavy "flywheel" action . . . easily handles most strenuous, stop-start or reversing duty automatic programming.

FASTER HEAT DISSIPATION

Reuland's special aluminum alloy frames with their full-length, easy to clean fins, dissipate heat up to 30 percent faster than cast iron . . . assures longer motor life and reduced service costs.

DYNAMIC BALANCING . . . VIBRATIONLESS OPERATION

Each waferthin rotor is individually balanced with sophisticated electronic balancing equipment . . . permanently tuned for vibration free running.

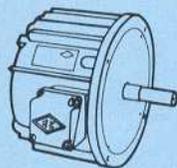
PROVEN COMPONENTS

Waferthin motors use the same proved rotor-stator design as found in all conventional motors — assures efficient, trouble free operation.

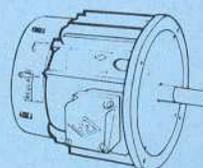


AVAILABLE IN LITERALLY HUNDREDS
OF DIFFERENT ELECTRICAL/MECHANICAL
COMBINATIONS TO MEET THE NEEDS OF YOUR MACHINE

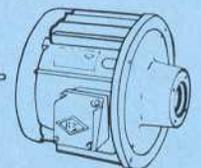
TORQUE MOTOR



BRAKE MOTOR



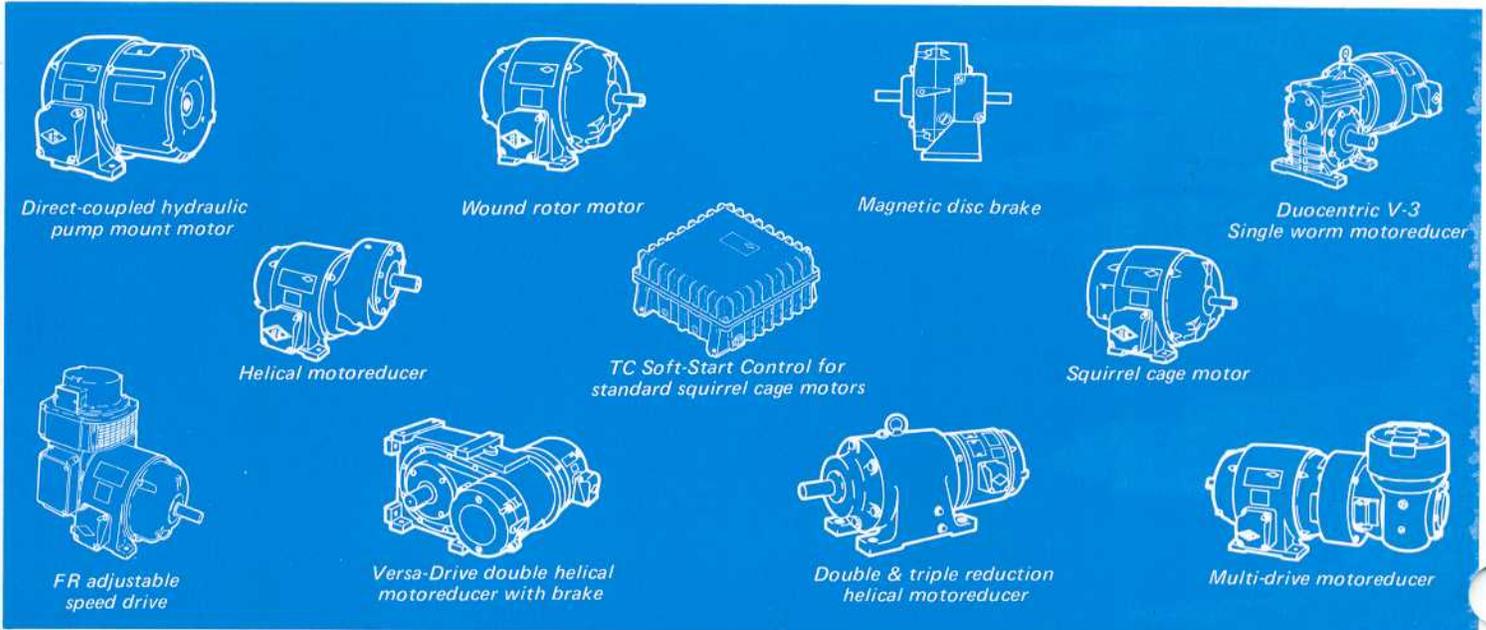
SPLINE COUPLED
HYDRAULIC PUMP
MOTOR



Reuland's long experience in supplying special motors to order, further enhances the versatility of waferthin designs. Typical electrical modifications include torque, multi speed, crane hoist and reversing duty types of motors. Waferthin motors also incorporate Reuland's famous "Xpandable" design system which permits hundreds of mechanical adaptations from a basic motor structure. These include special flanges, shafts, fan covers, magnetic brakes, even spline couplings for the direct mounting of hydraulic pumps.

REULAND "Xpandable" power drive combinations and your product ingenuity

If your creative engineering talents are faced with a complicated drive requirement, let Reuland help you. Whatever your needs may be . . . a totally new design, or a mere adaption to an existing unit . . . here is your opportunity to go right ahead with it. Some examples of Reuland adaptability are shown below. We feel that you will find the Reuland spirit of cooperation a refreshing experience.



exclusive honor system motor service policy

REULAND'S Honor System policy - in effect for nearly thirty years - makes any motor repair shop *of your choice* an authorized warranty service station providing 24 hour service in the most remote areas. Based on REULAND'S trust in people - and confidence in REULAND workmanship - this is another fact of REULAND quality and the extent that we stand behind our products.



nationwide sales and service

The Reuland Electric Company is truly a nationwide organization. Sales and engineering facilities are strategically located in all principal areas. Unmatched, 24-hour warranty service is provided in even the most remote spots through the company's Honor System Service Policy. This field organization, in turn, is directed out of the two divisional offices which are headquartered in the Howell, Michigan and Industry, California factories.

Whatever or wherever your or your customers' motor needs may be, you can depend on Reuland for prompt, productive service. Complete satisfaction guaranteed on every installation.



the power drive people...

REULAND ELECTRIC COMPANY

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BRAKE DIVISION: 4500 East Grand River Avenue, Howell, Michigan 48843 - (517) 546-4400