

The background of the page is filled with several line drawings of industrial machinery. At the top, there are three drawings of different motor types: a large cylindrical motor with a flange, a smaller cylindrical motor, and a long, thin motor. Below these, there are drawings of gearboxes and motor housings. The word 'PARVALUX' is prominently displayed in the center, with a registered trademark symbol. The drawings are rendered in a simple, clean line-art style.

PARVALUX®

:: geared motors ::

:: legendary reliability ::

:: totally customisable ::

The UK's largest specialist designer and manufacturer of AC/DC motors and gearboxes, sub 1kW, for industrial and commercial application

www.parvalux.com



Founded in 1947, as one of the UK's first manufacturers of small electric geared motors, Parvalux has built a reputation for offering one of the worlds most extensive and reliable ranges of customisable DC and AC geared motor units for industrial and commercial application.

Today Parvalux offers over 5000 products, and remains a privately run business with distributors around the world.

:: geared motors ::
 :: legendary reliability ::
 :: totally customisable ::

Our UK production facility underpins our commitment to supply a product that is engineered to last. Every unit comes with minimum 2 year warranty, undergoing thorough production-line testing before it is dispatched.

Approvals:

- ISO 9001:2000 quality management system certificate number FM 548688
- Calibration system complies to EN30012; internal audit system to EN30011
- Electromagnetic Compatibility (EMC) directive 2004/108/EC
- Low voltage directive 2006/95/EC; motors meet EN60204-1; and are CE marked
- CSA or UL approved motors and parts are available on request
- All products are compliant with RoHS directive 2002/95/EC
- Medicines and Healthcare products Regulatory Agency (MHRA) line approval

EMD DRIVE SYSTEMS

In 2008 Parvalux acquired OEM solutions specialist EMD Drive Systems.



RE90-146GB12 'rare-earth' unit for floor cleaning application



Bespoke designed high-load unit for stair lift application

Designed for application OEM solutions



PM63-50GB9 robust unit for wheelchair application



PM50-63GB11 lightweight plastic unit for golf trolley application



American National Accreditation Board and British Standards Institute

STANDARD PRODUCT RANGE

Unrivalled range of over 5000 standard motor-gearbox configurations

<p>:: gearboxes ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>worm 5 sizes 85 ratios 0.2 - 50 Nm 20 - 970 rpm</p> </div> <div style="text-align: center;">  <p>double worm 2 sizes 31 ratios 0.2 - 12 Nm 0.3 - 150 rpm</p> </div> </div>		<p>:: gearbox options ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>output shaft 8 - 25 mm single, double, hollow keyways, flats etc.</p> </div> <div style="text-align: center;">  <p>worm base for higher load applications</p> </div> </div>	
<p>:: motors ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>DC brushless 11 sizes 10 - 440 Watts 0 - 4000 rpm up to 48 Volts</p> </div> <div style="text-align: center;">  <p>DC brushed 27 sizes 7.5 - 900 Watts 1500 - 8000 rpm 12V to mains voltage</p> </div> </div>		<p>:: motor options ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>controllers 6 types 16 - 58 Volts integrated or separate</p> </div> <div style="text-align: center;">  <p>brakes 3 products 0.4 - 1.0 Nm 8.5 - 14 Watts</p> </div> </div>	
<p>:: gearboxes ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>in-line double worm 3 sizes 49 ratios 0.6 - 45 Nm 0.3 - 235 rpm</p> </div> <div style="text-align: center;">  <p>EMD worm 4 sizes 18 ratios 1.4 - 56 Nm 20 - 560 rpm</p> </div> </div>		<p>:: motors ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>AC induction 6 sizes 3.7 - 250 Watts 900 - 2800 rpm 1 or 3 phase mains voltage</p> </div> <div style="text-align: center;">  <p>sensors 2 types encoder tachogenerator</p> </div> </div>	
<p>:: gearboxes ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>in-line spur 3 sizes 29 ratios 1 - 74 Nm 4 - 667 rpm</p> </div> <div style="text-align: center;">  <p>EMD worm double spur 1 size 1 ratio 49 - 124 Nm 14 - 28 rpm</p> </div> </div>		<p>:: motor options ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>output flange 5 types 42 - 100 mm PCD</p> </div> <div style="text-align: center;">  <p>terminal boxes rear spindles blanking plates</p> </div> </div>	
<p>:: gearboxes ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>worm spur 4 sizes 62 ratios 1.5 - 250 Nm 0.4 - 149 rpm</p> </div> <div style="text-align: center;">  <p>planetary 4 sizes 74 ratios 0.1 - 30 Nm 1 - 1000 rpm</p> </div> </div>		<p>:: motors ::</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>speed reducer 34 ratios</p> </div> <div style="text-align: center;">  <p>AC/DC series 3 sizes 10 - 190 Watts 2000 - 6500 rpm up to mains voltage</p> </div> </div>	

SERVICES & CAPABILITIES

New product development, customisation, design and engineering.

PRODUCT MODIFICATION

Take any one of our standard products and specify it to fit your application. Choose from a range of standard options or specify your own alterations.

Customers are invited to consider specifying any number of modifications to realise their preferred solution. Whether this means modifying a gearbox output shaft or winding a fully-customised, application-specified unit: our engineers can deliver the required solution often at no extra charge.

NEW PRODUCT DESIGN

Realise your preferred application solution with a bespoke product that meets your precise mechanical, electrical and environmental requirements.

Why design your application around our products, when we can design our products around your application? For over sixty years we have been a systems partner in the development of thousands of new products and applications, often providing our services at no extra charge.



component design



custom wiring



sub-assembly design



design interpretation



technical drawings



MathCAD™



Solidworks™ 3D



Autodesk™ Inventor



Finite Element Analysis



performance reports



EMC testing



FMEA reports



rapid prototyping



application testing

FACTS: The longest recorded lifetime of a Parvalux motor-gearbox is 36 years | our UK facility produces one finished product every 22 seconds | we have an installed base of approximately 15 million units around the world | we make over 5000 standard products | we design, prototype and manufacture bespoke motor-gearbox solutions for OEM customers



:: Geared Motors ::

We offer one of the world's most extensive ranges of motors and gearboxes, with literally millions of combinations. From design through to production we have a truly unique delivery capacity: one unit through to thousands. New products are constantly in development to ensure that we continue to offer such choice and flexibility to our customers.

:: Legendary Reliability ::

Parvalux have been engineering reliability into every product for over sixty years. From the very first motor assembled to present day production, all our products, even through re-design and technical innovations, remain interchangeable with their counterparts, thus ensuring a lifetime of continuity as well as reliability.

:: Totally Customisable ::

Our products enable our customers to make the machine they want, not dictate how they do it. We have built an enviable reputation in providing bespoke designed geared motors. Our responsiveness in providing customised products in small or vast quantities at globally competitive prices is, we believe, unmatched.

Parvalux is a member of the REMA, the UK's professional association of electric motor manufacturers



Worldwide approved distributor network

- Australia**
Eastland Electric Motors
www.au.parvalux.com
- Italy**
Log-Italia
www.log-italia.it
- Austria**
Kwapil & Co
www.kwapil.com
- Hungary**
Q-Tech Engineering
www.q-tech.hu
- China**
Euro-Me
www.euro-me.com
- Spain**
Ermecc
www.ermec.com
- Colombia**
Inpraindsa
www.inpraindsa.com
- Sweden**
SDT
www.sdt.se
- Denmark**
Parlock
www.parlock.dk
- Switzerland**
Electro-Müller
www.electro-mueller.ch
- Ireland**
Rotate-Brammer
www.rotate.ie
- United Kingdom**
Brammer
www.brammer.biz
- India**
Melkev Machinery
www.melkev.com
- United Kingdom**
RS Components
www.rswww.com

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