Energy

Hydraulic Turbines
HISA – WEG Group hydraulic turbines and hydro mechanical equipment are highly reliable as they are designed and manufactured by highly skilled professionals on a state-of-the-art production facility following quality standards to meet the customer requirements. HISA – WEG Group has almost 70 years of experience and has over 2,000 hydraulic turbines installed globally. We can supply solutions for hydro power plants with Pelton, Francis and Kaplan turbines.
Hydraulic Turbines

**Pelton (up to 6 nozzles)**
The Pelton turbines are designed to operate at high head at low flow rates. The runner of a Pelton turbine consists of a circular disc with buckets in hemispherical or bowl shape that are fixed around it. They can be mounted to a horizontal shaft with 1 or 2 nozzles per runner or vertical shaft with up to 6 nozzles per runner.

- Output: 300 up to 30,000 kW
- Heads up to 550 m
Francis (Single or Double Runner)
The Francis turbines (single or double) are used on a wide range of heads and flows. They are designed with a single runner for horizontal and vertical applications and also with double runner for horizontal application.

- Output: 250 up to 50,000 kW
- Heads up to 250 m
Hydraulic Turbines

**Kaplan**

The Kaplan turbines are used on a low head and larger flows and can reach high efficiency levels. The Kaplan turbines can be designed for horizontal and vertical applications and its runner consists of movable blades allowing to adjust the water discharge and the turbine output. We can supply the following types: Horizontal Kaplan, S-Type, Open Pit and Vertical Kaplan.

- Output: 500 up to 30,000 kW
- Heads up to 36 m
- Heads up to 60 m (Vertical Kaplan)
Hydro Mechanical Equipment

HISA – WEG Group is manufacturing and supplying the hydro mechanical equipment for hydro power plants.
- Butterfly Valves
- Spherical Valves
- Penstock
- Gates
- Screens
- Hollow Jet Valves
<table>
<thead>
<tr>
<th>Country</th>
<th>Country Details</th>
<th>Contact Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARGENTINA</td>
<td>San Cayetano - Cordoba</td>
<td>Phone: +54 3564 421484 <a href="mailto:info-ar@weg.net">info-ar@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Cordoba - Cordoba</td>
<td>Phone: +54 3514 641366 <a href="mailto:weg-morbe@weg.com.ar">weg-morbe@weg.com.ar</a></td>
</tr>
<tr>
<td></td>
<td>Buenos Aires</td>
<td>Phone: +54 1142 998000 <a href="mailto:ventas@pulverlux.com.ar">ventas@pulverlux.com.ar</a></td>
</tr>
<tr>
<td></td>
<td><strong>AUSTRALIA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scoresby - Victoria</td>
<td>Phone: +61 3 97654600 <a href="mailto:info-au@weg.net">info-au@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>AUSTRIA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Markt Pesting - Wiener</td>
<td>Phone: +43 2 633 4040 <a href="mailto:watt@wattdrive.com">watt@wattdrive.com</a></td>
</tr>
<tr>
<td></td>
<td>Vienna</td>
<td>Phone: +43 1 796 2048 <a href="mailto:wtr@weg.net">wtr@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>BELGIUM</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nivelles - Belgium</td>
<td>Phone: +32 67 888420 <a href="mailto:info-be@weg.net">info-be@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>BRAZIL</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jaraquá do Sul - Santa Catarina</td>
<td>Phone: +55 47 32764000 <a href="mailto:info-br@weg.net">info-br@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>CHILE</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>La Reina - Santiago</td>
<td>Phone: +56 2 27848900 <a href="mailto:info-cl@weg.net">info-cl@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>CHINA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nantong - Jiangsu</td>
<td>Phone: +86 513 85989333 <a href="mailto:info-cn@weg.net">info-cn@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Changzhou - Jiangsu</td>
<td>Phone: +86 519 88067692 <a href="mailto:info-cn@weg.net">info-cn@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Rugsao - Jiangsu</td>
<td>Phone: +86 513 80672011 <a href="mailto:zhuhua@weg.net">zhuhua@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>COLOMBIA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>San Cayetano - Bogota</td>
<td>Phone: +57 1 4160166 <a href="mailto:info-co@weg.net">info-co@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Sabaneta - Antioquia</td>
<td>Phone: +57 4 4449277 <a href="mailto:info-co@weg.net">info-co@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>ECUADOR</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>El Batan - Quito</td>
<td>Phone: +593 2 5144339 <a href="mailto:wegecuador@weg.net">wegecuador@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>FRANCE</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saint-Quentin-Fallavier - Isère</td>
<td>Phone: +33 4 74991135 <a href="mailto:info-fr@weg.net">info-fr@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>GERMANY</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Türintich - Kerpen</td>
<td>Phone: +49 2237 92910 <a href="mailto:info-de@weg.net">info-de@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Balingen - Baden-Württemberg</td>
<td>Phone: +49 7433 90410 <a href="mailto:info@weg-antriebe.de">info@weg-antriebe.de</a></td>
</tr>
<tr>
<td></td>
<td>Nuremberg</td>
<td>Phone: +49 911 239568 -700 <a href="mailto:info@tgkmkanis.com">info@tgkmkanis.com</a></td>
</tr>
<tr>
<td></td>
<td>Homberg (Etze) - Hesse</td>
<td>Phone: +49 6881 99520 <a href="mailto:info@akh-antriebtechnik.de">info@akh-antriebtechnik.de</a></td>
</tr>
<tr>
<td></td>
<td><strong>GHANA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Accra</td>
<td>Phone: +233 30 2766490 <a href="mailto:ghana@zestweg.com">ghana@zestweg.com</a></td>
</tr>
<tr>
<td></td>
<td><strong>INDIA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bangalore - Karnataka</td>
<td>Phone: +91 080 46437450 <a href="mailto:info-in@weg.net">info-in@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Hosur - Tamili Nadu</td>
<td>Phone: +91 4344 301577 <a href="mailto:info-in@weg.net">info-in@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>ITALY</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cinisello Balsamo - Milano</td>
<td>Phone: +39 2 61203535 <a href="mailto:info-it@weg.net">info-it@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>JAPAN</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yokohama - Kanagawa</td>
<td>Phone: +81 45 5503030 <a href="mailto:info-jp@weg.net">info-jp@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>MALAYSIA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shah Alam - Selangor</td>
<td>Phone: +60 3 78591626 <a href="mailto:info@wattdrive.com.my">info@wattdrive.com.my</a></td>
</tr>
<tr>
<td></td>
<td><strong>MEXICO</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Huehueteoca - Mexico</td>
<td>Phone: +52 55 53214275 <a href="mailto:info-mx@weg.net">info-mx@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Tizayuca - Hidalgo</td>
<td>Phone: +52 77 97963790 <a href="mailto:info-mx@weg.net">info-mx@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>NETHERLANDS</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oldenzaal - Overijssel</td>
<td>Phone: +31 541 571080 <a href="mailto:info-nl@weg.net">info-nl@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>PERU</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>La Victoria - Lima</td>
<td>Phone: +51 1 2097600 <a href="mailto:info-pe@weg.net">info-pe@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>PORTUGAL</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maia - Porto</td>
<td>Phone: +351 22 9477700 <a href="mailto:info-pt@weg.net">info-pt@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>RUSSIA and CIS</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saint Petersburg</td>
<td>Phone: +7 812 363 2172 <a href="mailto:sales-wes@weg.net">sales-wes@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>SOUTH AFRICA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Johannesburg</td>
<td>Phone: +27 (0) 11 7236000 <a href="mailto:info@zestweg.com">info@zestweg.com</a></td>
</tr>
<tr>
<td></td>
<td>Cape Town</td>
<td>Phone: +27 (0) 21 507 7200 <a href="mailto:gentsets@zestweg.com">gentsets@zestweg.com</a></td>
</tr>
<tr>
<td></td>
<td>Heidelberg</td>
<td>Phone: +27 (0) 16 349 2683/4/5 <a href="mailto:wta@zestweg.com">wta@zestweg.com</a></td>
</tr>
<tr>
<td></td>
<td><strong>SPAIN</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Coslada - Madrid</td>
<td>Phone: +34 91 6553008 <a href="mailto:info-es@weg.net">info-es@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Valencia</td>
<td>Phone: +34 96 1379296 <a href="mailto:info@autrial.es">info@autrial.es</a></td>
</tr>
<tr>
<td></td>
<td><strong>SINGAPORE</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Singapore</td>
<td>Phone: +65 68589081 <a href="mailto:info-sg@weg.net">info-sg@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Singapore</td>
<td>Phone: +65 68622220 <a href="mailto:info-sg@weg.net">info-sg@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>SCANDINAVIA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mölnlycke - Sweden</td>
<td>Phone: +46 31 888000 <a href="mailto:info-se@weg.net">info-se@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>UK</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Redditch - Worcestershire</td>
<td>Phone: +44 1527 513800 <a href="mailto:info-uk@weg.net">info-uk@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>UNITED ARAB EMIRATES</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jebel Ali - Dubai</td>
<td>Phone: +971 4 8130800 <a href="mailto:info-ae@weg.net">info-ae@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>USA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duluth - Georgia</td>
<td>Phone: +1 678 2492000 <a href="mailto:info-us@weg.net">info-us@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Bluffton - Indiana</td>
<td>Phone: +1 800 5798527 <a href="mailto:info-us@weg.net">info-us@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Minneapolis - Minnesota</td>
<td>Phone: +1 612 3788000 <a href="mailto:info-us@weg.net">info-us@weg.net</a></td>
</tr>
<tr>
<td></td>
<td>Washington - Missouri</td>
<td>Phone: +1 636-239-9300 <a href="mailto:wegwill@weg.net">wegwill@weg.net</a></td>
</tr>
<tr>
<td></td>
<td><strong>VENEZUELA</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Valencia - Carabobo</td>
<td>Phone: +58 241 8210582 <a href="mailto:info-ve@weg.net">info-ve@weg.net</a></td>
</tr>
</tbody>
</table>

For those countries where there is not a WEG own operation, find our local distributor at www.weg.net.