

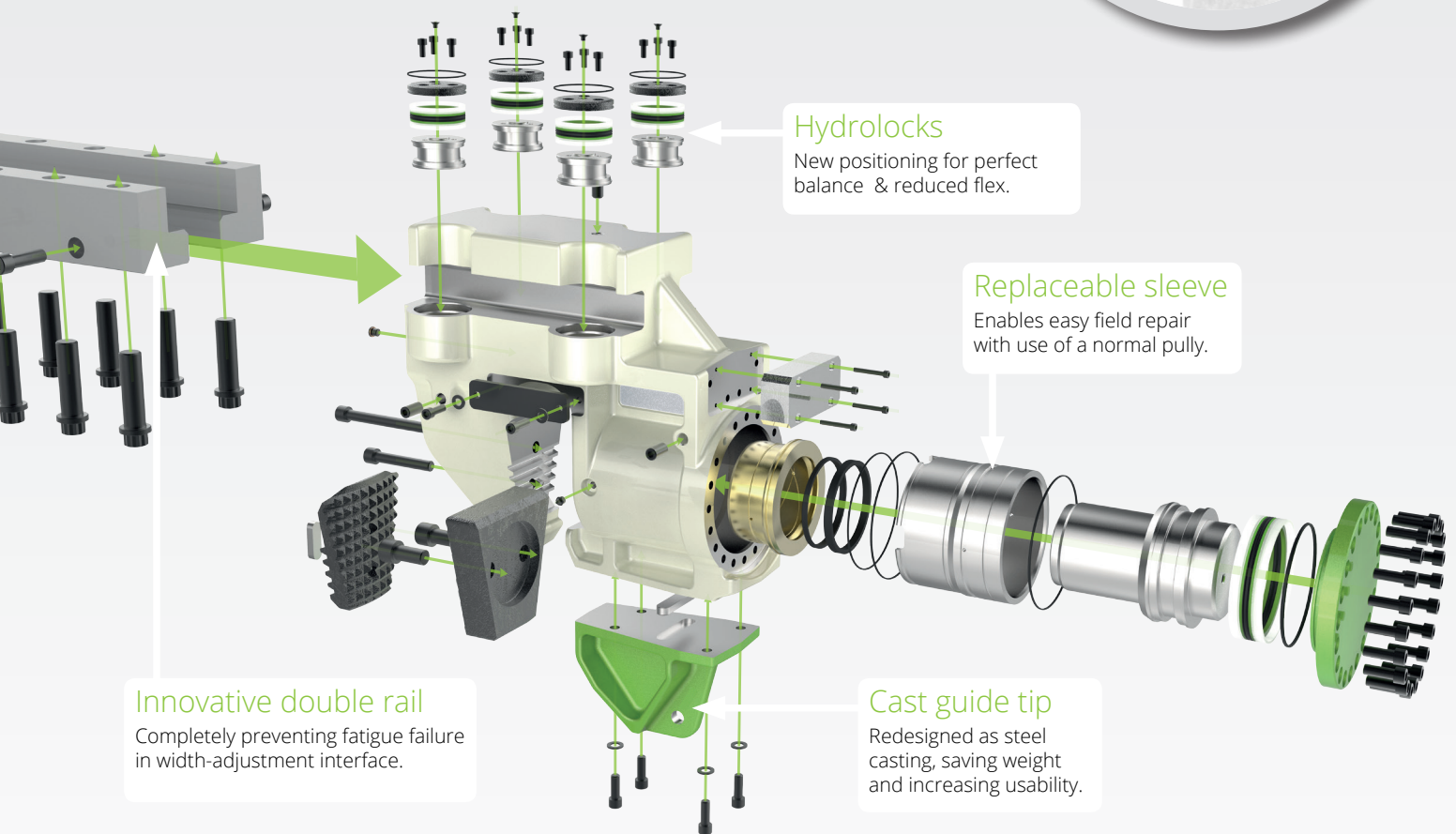
Clamp housing of a vibratory piling hammer

Development of a fatigue resistant product range

Optimisation through design

Vibratory piling has taken a flight in the past years due to the advantages over traditional piling. However, components used for this method are not optimally designed for fatigue performance. They wear out quickly due to the millions of vibrations per year.

Along with the ever increasing demand, came many issues. Upgrading materials and raising quality requirements led to high costs and only a minor increase in functionality. EDS decided it was time for a new approach.



17%

Weight reduction

From 366 kg to 304 kg in casting steel



37%

Stress optimisation

Eliminating stress concentration where it matters



50%

Fatigue problems solved

Each clamp as easily used as a sheet pile, H-beam pile or tubular pile clamp, swapping clamps between job is no longer necessary.



Visit our website at www.edscasting.com or send us your request on info@edsinnovation.com

All rights reserved. This document may be freely shared after formal approval of EDS-Casting & Forging B.V.
The data in this document serves information purposes only, no rights can be derived from the contents of this document.