



Premiere on board—Gear specialist RENK presenting new product at SMM 2012

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At SMM 2012, RENK AG is displaying its new lineup of standard gear units: the T²RECS. This gear unit series addresses the most important application criteria of single marine gear units and their users and despite the high degree of standardization still have scope for individual configurations. The T²RECS is of modular design and suited in particular for offshore, commercial and fishing service vessels.

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The range includes seven sizes with center distances of 400 to 710 mm. With a mean RPM of 600 to 1,200, the units are rated between 500 and 5,000 kW.

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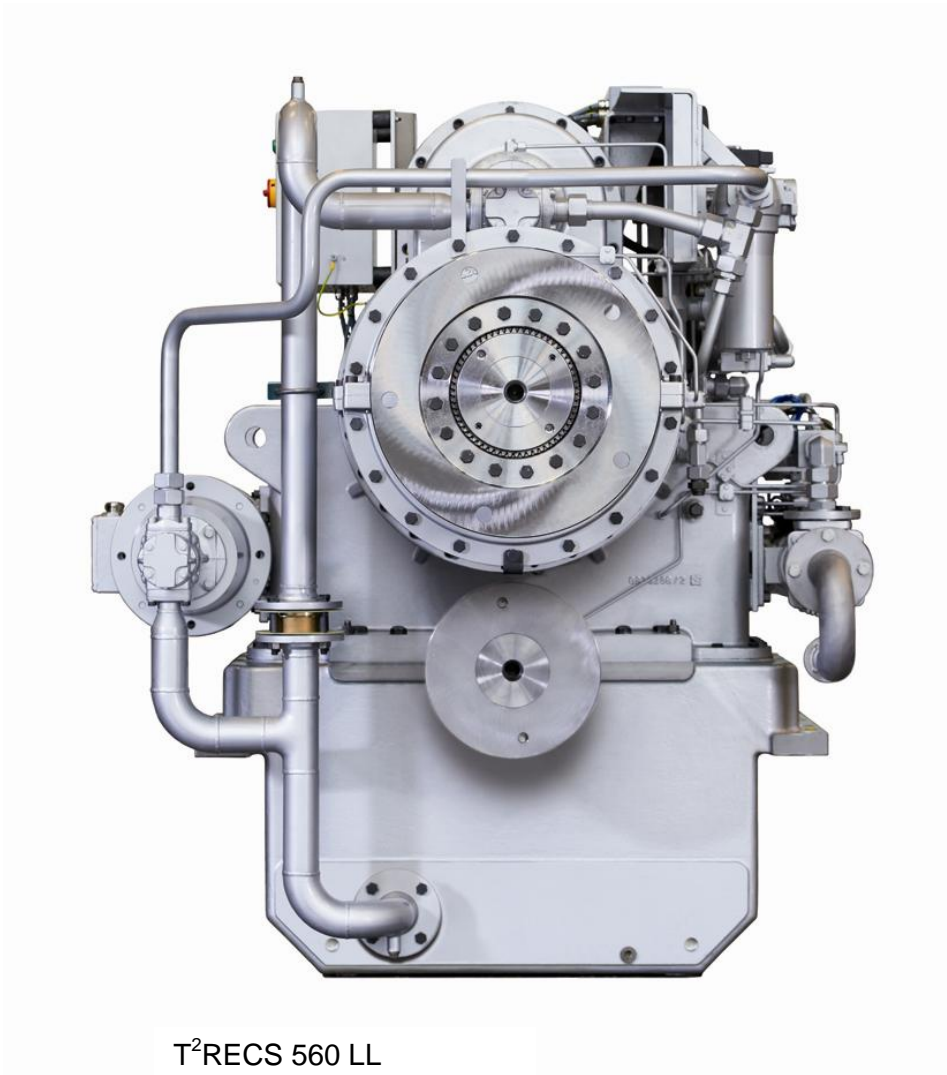
The T²RECS is remarkable for its compact size and ruggedness.

Simple, standardized add-on modules allow the gear units to be configured to specific requirements within the modular system. Included is the option of hydraulic multidisk clutches. RENK's multidisk clutches have proven themselves as rugged and durable even under extreme conditions.

Various configurations are feasible:

- Power Take-Off (PTO): for driving a generator for onboard power
- Power Take-In (PTI): for additional booster power from generator
- Power Take Home (PTH): redundant propeller drive system via a generator/electric motor

Another advantage is the split-housing design for easy maintenance. Quick access to the pinion shaft and multidisk clutch is an added benefit when servicing. The pressure bearing at the wheel shaft can be replaced without opening the housing. The latest filtering technology ensures sustained oil purity and longer bearing life. Easy dismantling of all the hydraulic components during maintenance is a final touch.



T²RECS 560 LL