

## New Silent Hydraulic Motors Integrated in DYNASET Products

DYNASET presents new silent hydraulic motors which are integrated in a vast range of company's products. The new hydraulic motors will improve the products in many ways. The product launch will take place on March 7th at CONEXPO-CON/AGG 2017 (stand G2616) in Las Vegas, USA.

### Improvements

The most noticeable change is the drastically improved sound. For example the HG 12kVA Hydraulic Generator's sound pressure level dropped from 91 dB (distance 1 meter) to 83 dB (distance 1 meter). This means the sound level is significantly lower. However this is not the only factor that makes the motor sound more pleasing for the ear. The improved sound structure and frequency level are even bigger factors which make the Dynaset equipment almost feel like silent. The high pitch sounds are unpleasant for the human ear and big amplitudes tend to hurt the ears. The new Dynaset silent hydraulic motors are designed to produce sound which structure and frequency are more subtle for the ears. Therefore the motors sound very quiet. The better sound characteristics drastically improve the working environment and user ergonomics.

The silent hydraulic motors are designed to be more efficient and durable. The new Dynaset motors have less mechanical friction resulting better efficiency and increasing durability. The operating temperature is lower as well. The new shaft seal is made for higher pressure endurance. The new silent motors are easy to recognize from the all-black motors with Dynaset logo on them.

### The Product Models with the Silent Hydraulic Motor

The DYNASET silent hydraulic motors are integrated in:

- HG Hydraulic Generator (Standard models 3,5 kVA – 20 kVA)\*
- HGV POWER BOX Variable Hydraulic Generator System (Standard models 3,5 kVA – 20 kVA)
- HGV Variable Hydraulic Generator System (Standard models 3,5 kVA – 20 kVA)
- HWG Hydraulic Welding Generator (Standard models of K series)\*
- HKR Hydraulic Screw Compressors (All standard models)
- HMG Pro Hydraulic Magnet Generator (All standard models)
- HMAG Hydraulic Magnets (All standard models)

\*The product update doesn't include high pressure models of HG Hydraulic Generator and portable models of HWG Hydraulic Welding Generator.

### Benefits & Features

The DYNASET silent hydraulic motors bring better user experience thanks to

- lower sound pressure level
- lower frequency
- pleasant sound structure
- less mechanic friction
- increased efficiency
- lower operating temperature
- better durability

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