

HOLUGT

B/A COMPRESSORS & SYSTEMS

HL600[®]

Super Silent

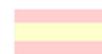
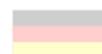
STATIONARY UNIT

FIRE & RESCUE RANGE



600 l/min

Up to 420 bar



language version

Developed for large consumption and continues operation. Fitted as a standard with a very complete control unit including oil pressure and temperature control as well as interstage pressure gauges.

Also standard are 4 filling outlets directly on the compressor. The system can be upgraded with a filling ramp (for remote use), storage system and advanced filter control system.

Its sound attenuated housing, offering high working comfort.

Open frame- as well as Diesel driven units will be available end 2005.

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TECHNICAL SPECIFICATIONS

CAPACITY: maximum 600 l/min – 21 cfm/min

OPERATING PRESSURE: 220 to 420 bar – 3200 to 6100 psi

COMPRESSOR BLOCK: 4 stages, 4 cylinders, low pressure oil lubrication, all stainless steel interstage and after coolers, inter-stage oil and moist separator after 2nd and 3rd stage and inter-pressure safety valves, air cooled

CONDENSATE DISCHARGE: automatic with timer

OIL PRESSURE CONTROL: with automatic shutdown

TEMPERATURE CONTROL: with automatic shutdown

D.A.P.: exclusive Dail-A-Pressure (D.A.P.) final pressure switch and gauge allows for quick, finger tip pressure settings. System also includes auto stop at final pressure

OTHER INSTRUMENTS: electric start/stop, working hour counter, inter-stage pressure gauges for additional block monitoring

PURIFICATION SYSTEM: Advanced 2-stage end-filter system up-gradable by means off electronic filter control.

Standard system includes non return valve, pressure Maintaining valve, final pressure safety valve, relief valve

DESIGN: Super Silent (enclosed cabinet), block and motor vertically arranged, all components rigidly connected to block which itself is mounted on the solid base frame with shock absorbing mounts.

DRIVE: V-belt driven by electric motor / 400-690V. / 3Phase 50Hz. or 60Hz. Includes Star-Delta device with overload protection

FILLING CONNECTIONS: 4 connections as a standard mounted directly on the compressor. Connection exist of HP filling hose incl. twist bleed for individual use

 SUPER SILENT
75 dBa - ISO 3746

●
AIR QUALITY
EN 12021
DIN 3188 - CGA E

●
WEIGHT
420 Kg - 926 Lbs

●
DIMENSIONS (LxDxH)
130x 78x 178 cm
52"x 31"x 70"

●


HIGH PERFORMANCE BLOCK

The HL600 SUPER SILENT utilizes the new 4 stage, 4 cylinder HOLUGT high performance block. Developed on over 20 years of experience in the field of high pressure breathing air, guaranteeing long and trouble-free operation of the units.

Some of its unique features:

- Working pressure of up to 420 bar - 6000 psi
- Fitted as standard with stainless steel intermediate coolers and after-coolers
- Equipped with a newly developed low-pressure lubrication system
- New heavy duty driving gear, suitable for continuous operation

In combination with the advanced HL purification system, the new block offers a uncompromising reliable supply of pure breathing air for uncompromising fire fighters.

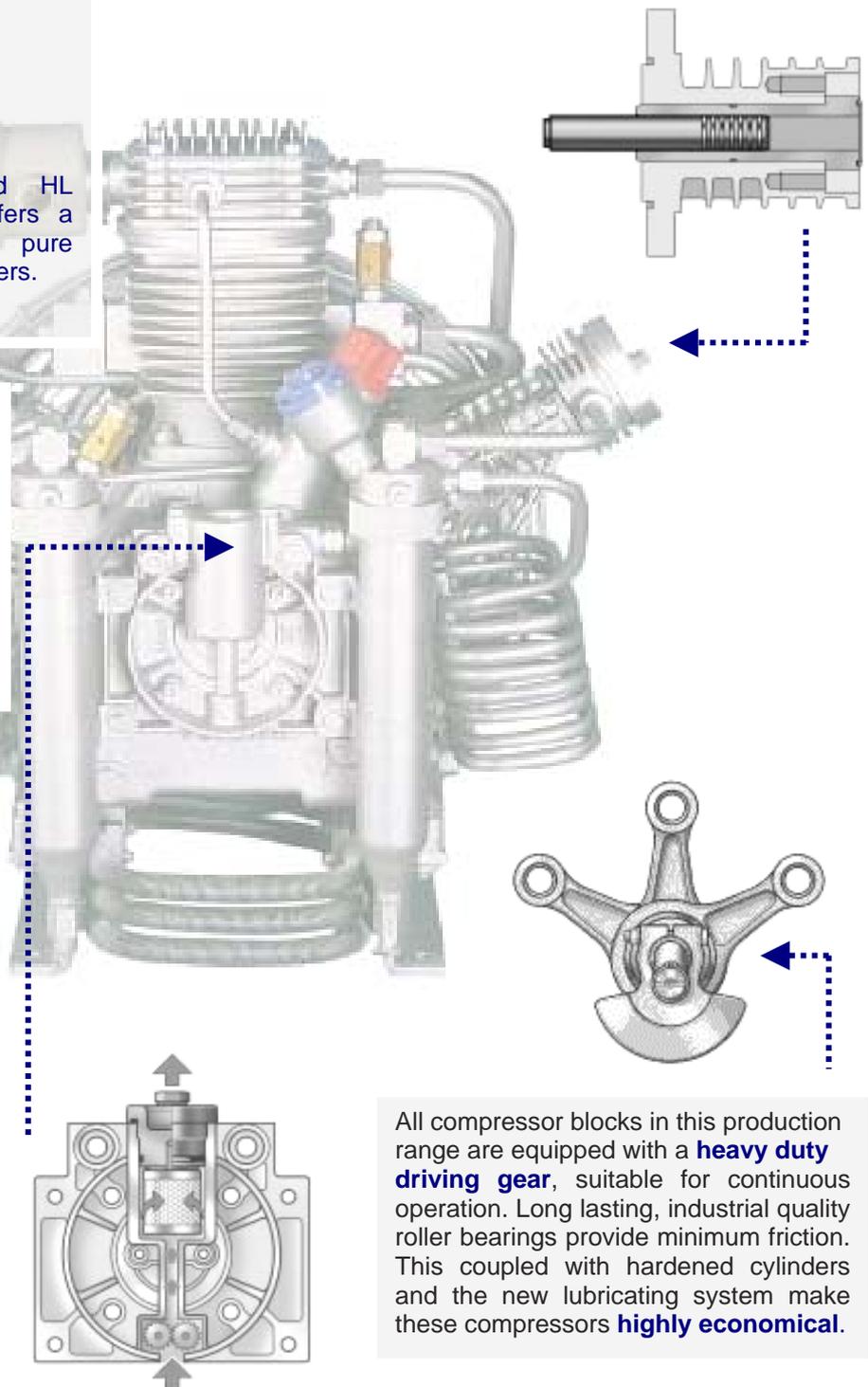
The new compressor blocks are fitted as standard with **intermediate coolers** and an **after-cooler** made of **stainless steel**, lasting for years even under the most violent and unfavorable environmental conditions. Besides the extraordinary **corrosion resistance**, the stainless steel coolers mainly provide thermal stability. The coolers and fittings remain airtight for years.

The newly developed **low pressure lubricating system** features a low speed gear pump, directly coupled to the crankshaft. The lube-oil is cleaned by an easily replaceable micro **filter cartridge**. This considerably increases the lifetime of moving parts in the compressor, too.

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The new **high pressure final stage** is fitted with **piston rings** made of a newly developed **high tech synthetic material** which has proven its **superb anti-abrasive properties** in long-term tests. Due to this new technology, oil consumption has been reduced. This advancement has made the compressor run smoother and increased its life.



All compressor blocks in this production range are equipped with a **heavy duty driving gear**, suitable for continuous operation. Long lasting, industrial quality roller bearings provide minimum friction. This coupled with hardened cylinders and the new lubricating system make these compressors **highly economical**.