ENGLISH:

READ AND UNDERSTAND THESE OPERATING INSTRUCTIONS AND THE LEAFLET *SAFETY INSTRUCTIONS* BEFORE OPERATING TOOL

OPERATING INSTRUCTION; PNEUMATIC HAMMERS

Light chiselling hammer GS 50

shank 6a (ø 10.2 x 36 mm with large radius)
shank 10 (ø 12.7 x 50 mm)

Air supply requirements:

- Supply this pneumatic hammer with 60-90 psi (4.0 - 6.2 bar) of clean, dry air. Avoid operation without water separator.

Lubrication:

1) Use only acid- and resin-free light oil resp. special pneumatic oils for lubrication.
2) Good practise - for small air hammers like this model - has shown that the best results are made by occasionally pouring one (!) single drop onto a chisel's shank and subsequently operating the hammer with this chisel fully inserted for just a few seconds at full load. If it is used an oil mist lubricator please only adjust on a very low level of lubrication!

Operation:

1) Sound pressure level: 96 dB(A); sound power level 105 dB(A). Tested in accordance with European Norm EN 792, DIN 45635/1 + /20. Vibration level 11.1 m/s². Tested in accordance with European Norm EN 792, ISO 8662/1, /2 + /6.
2) ***CAUTION***: Never operate a pneumatic hammer without a tool being fully inserted or allow the tool to be driven out of the bushing. If the piston strikes the bottom of the cylinder, it will cause severe internal damage !

Tools:

- All chisels shank 10.2x36 mm with large radius resp. shank 12.7x50 mm, shaft width ca 14x14 up to 16x16 mm (ca $^{9}/_{16}$" - $^{5}/_{8}$"), long bush hammers up to 20x20 mm or short ones up to 25x25 mm can be operated. Heavier tools cannot be moved sufficiently by this hammer. **Light tools, shaft width less than 12x12 mm (½") must not be used. DANGER OF BREAKAGE !**

Maintenance and storage:

1) This hammer has been developed to offer maximum longevity. First replacements of worn-out parts are usually to expect after one or two years of daily use. Repairs shall only be done by the manufacturer resp. your trade agent.
2) But, however, pneumatic hammers have to be cleaned regularly. Conditioned by the style of construction it is reduced for users to clean them outside only! Dust has to be blown off with a Blow Gun. Fouling has to be removed carefully with a suitable tool! Please wear protective clothing and safety glasses during cleaning the hammer!
3) Pneumatic hammers must be stored in a dry and clean (esp. free of dust) place. Before longer periods of disuse: clean the hammer, pour a few drops of oil into the air inlet and operate it for a few seconds. After longer periods of disuse: pour some Diesel fuel into the air inlet, operate the hammer and lubricate it lightly. Light fouling in the hammer can probably be removed in this way!
4) Even before storage for short periods (e.g. overnight esp. in cold weather / high humidity), the hammer always should be lubricated with one drop of oil as described above. This avoids formation of a film of rust.

MAXIMUM PRESSURE: 90 psi / 6.2 bar

Technical data:

piston ø mm	15
stroke mm	55
percussion/min	up to 3500
weight kg	1.20
air consumption/min	250 l = 8.9 ft³

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