**PURPOSE OF THE MACHINE**

The unit is intended to clean air-driven spray-guns using thinner-based solvents.

**ASSEMBLY**

The unit is supplied complete in a box. All you need to assemble it is a Philips screwdriver. Make sure that the two red dots on the air extractor and it’s housing are sited opposite each other so that the air-driven extractor is correctly positioned.

**PLACING THE UNIT**

The DRESTER 3600 is equipment Category 2 (ref. ATEX-directive 94/9 EC) and may therefore be placed in locations classified as Zone 1 (ref. ATEX-directive 1999/92 EC). If the DRESTER 3600 is installed in locations classified as Zone 2 (or in unclassified locations), the area within a radius of 1 m from the DRESTER 3600 is to be classified as Zone 1, and within a radius of an additional 2.5 m from the unit as Zone 2 (total classification: 3.5 m around the machinery and 1 m above it). Within this area, all equipment such as electrical items must be approved for the Zones described. Equipment that generates naked flames or sparks (e.g. welding or grinding equipment) may not be used in this area. Smoking is not permitted. If in any doubt, contact the local fire service authorities for advice.

Make sure that the unit is correctly grounded.

This manual is part of the unit and must be kept accessible at all times.

The unit must be installed in such a way, as to prevent accidental leakage of solvent from spreading into a drain water system, thus representing a hazard to the environment. The unit must be placed in a location where floor and walls can hold an accidental leakage of solvent and prevent it from spreading into a drain water system.

**INSTALLATION**

**Compressed air**

The unit must be connected to compressed air of 7-12 bar (110-180 psi). When in use, the unit consumes 250 litres/min (9 cfm) of air. The air connection is at the back of the unit. To prevent pressure drops, the air line and couplings must be adequately dimensioned. The regulator on the unit is pre-set to 6.5 bar (100 psi). This is the optimal setting and must not be altered.

The compressed air supplied to the unit must be clean and dry. If it is not first led through a water trap and filter, it may cause damage to the pneumatic components of the unit, which will invalidate any warranty claims.

Fit a connecter to the air line on the left side of the unit (see item 1 in Picture 1). This air line is intended to blow out the spray-gun after the cleaning procedure.

**Ventilation**

The air-driven extractor (see item 4 in Picture 1) must be connected to a metal ducting to lead the exhaust outdoors. An alternative is to lead it into a hood that is in turn connected to a suitable ventilation system approved for Zone 1. This hood should have an open design so as to avoid constant extraction (see Picture 4).

The metal ducting may not be longer than 15 metres, and must be connected in such a way as to ensure grounding.

**PERMITTED SOLVENTS.**

The machine can be used with solvents and solvent mixtures for spray-gun cleaning, such as acetone, toluene, xylene, isobutanol (2-methylpropan-l-ol) that are listed as Group IIA according to IEC 79-20 (EN 60079-20).