

INDUSTRIAL GAS DISTRIBUTION

Many manufacturing processes use gas which, to be transported and stored, is supplied at high pressure in cylinders or cylinder packs.

The cylinders are then used to supply distribution networks which convey the gas at the required pressure to the point of use.

ADVANTAGES OF GAS CENTRALISATION:

SAFETY

- The cylinders are stored outside the workshop.
- Working areas and passageways are clear.
- Safety devices located at various levels of the system eliminate all risks of serious accidents.
- High-power torches can be supplied.

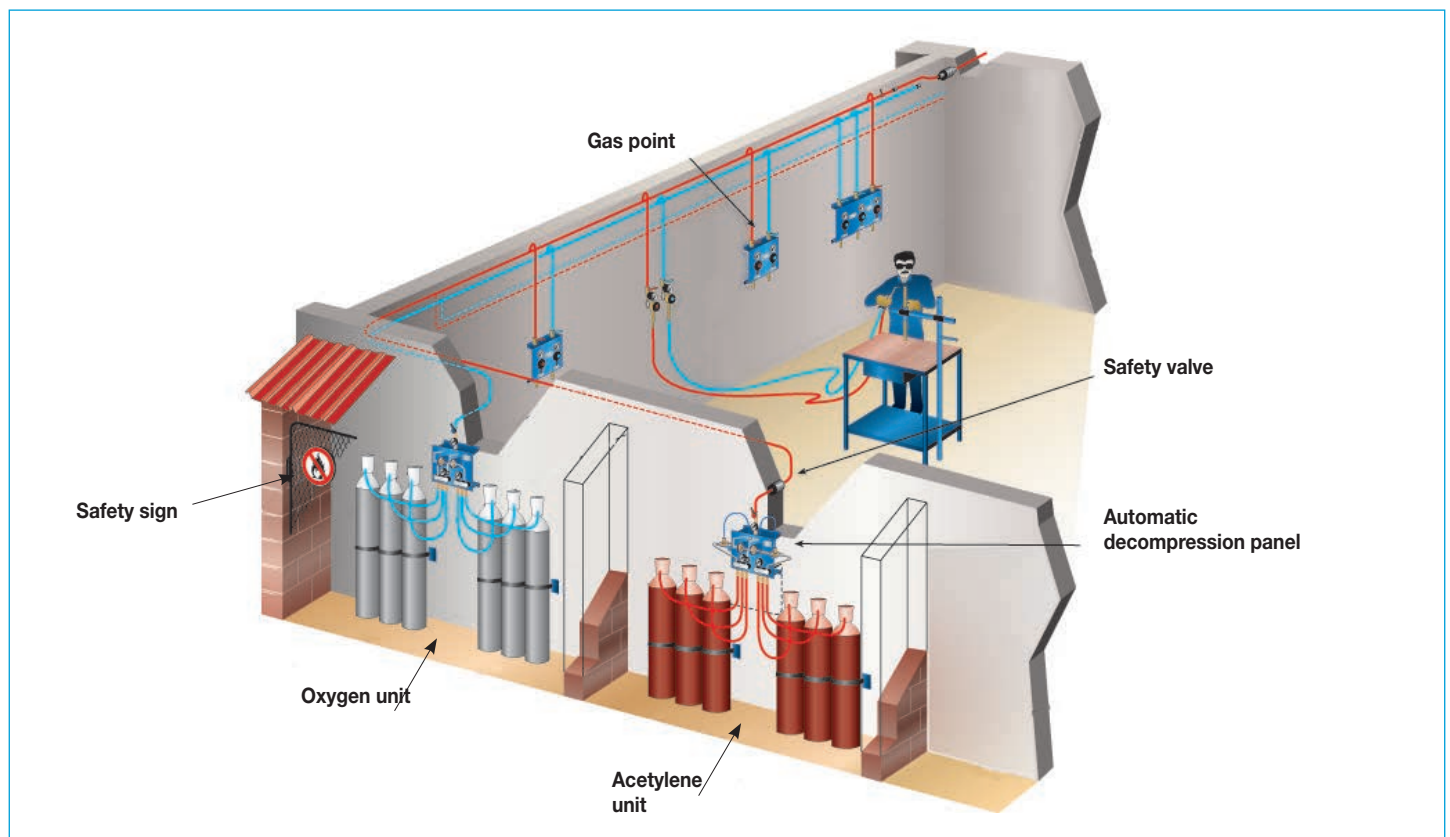
PRODUCTIVITY

- Continuous supply at controlled and constant pressure permits uninterrupted production of the workstations (semi-automatic stations).

SAVING




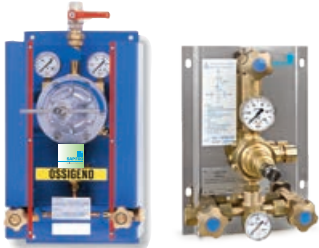


- Reduced cylinder storage.
- Grouping of cylinders considerably reduces transport costs.

For all this to be possible, the cylinders need to be connected to the distribution network by specific equipment, which constitutes the decompression unit.



Note: the illustrations are for information only; the equipment must be chosen and installed by qualified personnel authorised to issue appropriate documentation.

Cylinder or cylinder pack connection systems

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POSSIBLE CONFIGURATIONS	 Semi-rigid coils Connection W21.7 right and left	 Flexible coils Connection M 20 x 150
 1-inlet manual decompression kit	YES	NO
 2-inlet manual changeover decompression panel	YES	NO
 1-inlet manual simplified decompression unit	YES	YES
 2-inlet automatic changeover decompression unit	YES	YES

Decompression panels/units

2-INLET DECOMPRESSION UNIT

- 1 DECOMPRESSION PANEL
- 2 MANIFOLD
- 3 COILS
- 4 MANIFOLD CONNECTION
- 5 RACKS
- 6 PREHEATER
- 7 BALL VALVES
- 8 SAFETY VALVES
- 9 GAS POINTS
- 10 BLEED COCK

