

# Atlas Copco Air compressors

## XAS 36

35 l/s (74 cu.ft/min) - 7 bar (102 psig)



**Atlas Copco**

# XAS36: The compressor designed around your needs

The basic needs of a compressor customer never change: instant compressed air delivered reliably, economically and with the minimum of equipment maintenance.

The more complex needs of customers are, however, constantly changing. Important new demands for reduced operating noise, together with the need to meet or exceed both current and pending safety and legal requirements, all combine to drive compressor development forward.

Atlas Copco interacts with its customers, listening to their changing demands, and is committed to introducing innovative new ideas to bring true customer benefits. By listening to all customers, from the construction and highway sectors through to plant hire and utility companies, Atlas Copco learns and develops.

A key product of this customer focus is the XAS36. This is the smallest model in the range of oil-injected rotary screw compressors, and is built on a modular principal to enable it to be offered with a wide variety of options.

Mounted on a compact single axle chassis, and light enough to be towed by a car, the XAS36 is powered by a proven three-cylinder Yanmar diesel engine. With an FAD (Free Air Delivery) of 35 l/s (74 cu.ft/min) at 7 bar (102 psig), the compressor can power a full range of demanding pneumatic tools including chipping hammers, breakers, hand drills, nut runners and grinders.

High quality acoustic shielding enables an XAS36 to operate in noise sensitive areas. Quiet running also enables the unit to work at night, increasing productivity and value for customers.

Easy to move and simple to operate, the XAS36 is ideally suited to the hire sector. Finished with a new type of corrosion resistant bodywork, with powder coated zincor steel for excellent corrosion resistance, the XAS36 is also tough enough to cope with the rigours of intensive site and daily utility operations.

Whatever the application, the XAS36 is designed to handle it.

## **Quality comes as standard**

All compressors are manufactured to exacting standards and are tested in accordance with ISO 9001. In addition, Atlas Copco has fully implemented its Environmental Management System in the design and manufacture of the XAS36, meeting the requirements of ISO 14001.

Current European and US legal requirements relating to the working environment are also met or exceeded. Safety and reduced noise and exhaust emissions are key areas where Atlas Copco continues to set new standards, where in-depth quality goes beyond the product.

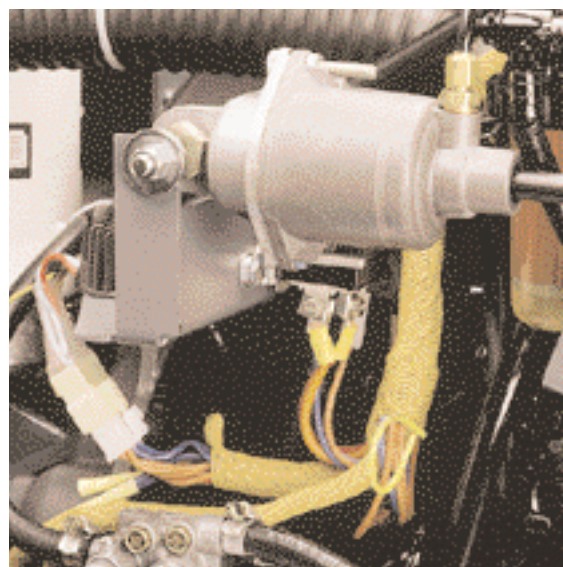


# Features and benefits

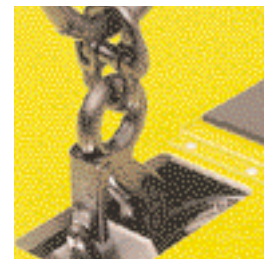
The hood opens wide to give excellent service access and is supported by two gas struts. A new type powder coated zincor steel is used on the bodywork for excellent corrosion resistance. This improves longevity to help the compressor retain a higher residual value.



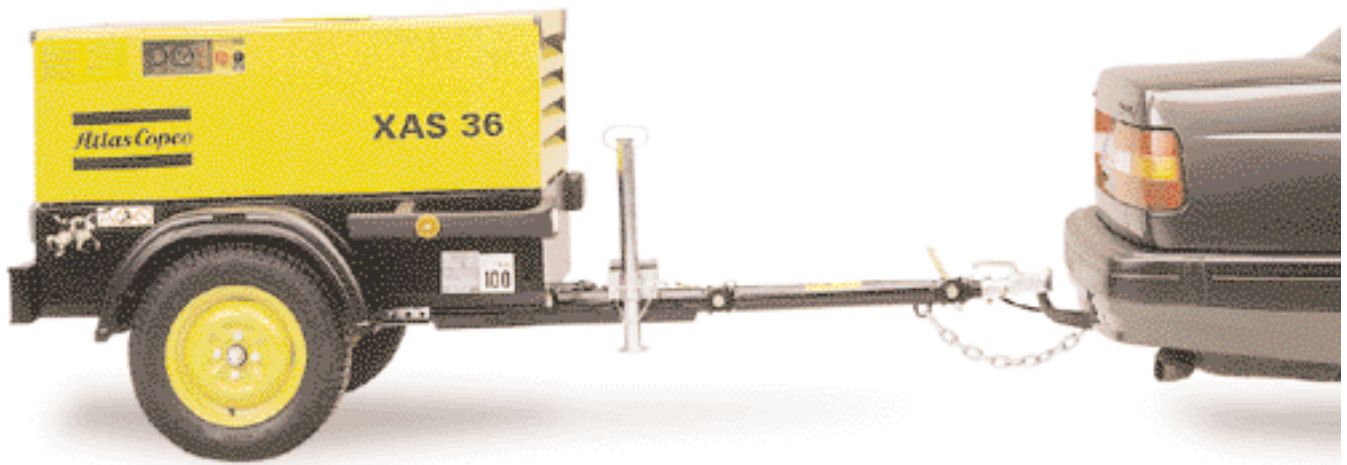
A simple, but effective, regulator modulates engine speed to actual air demand. The engine runs at a capacity to suit the application to save fuel, reduce noise and cut both compressor and engine wear.



The lifting eye is located under a lockable panel. It is easy to access by authorised users, but securely protected to prevent unauthorised use.



Both compact and light, the XAS36 does not need have brakes and can be towed by a car. Designed to be stable at high transport speeds, the compressor is also offered with a choice of towbar.



To further increase versatility, all XAS36 compressors can easily be removed from the towing chassis. The unit has integral loading feet and can be easily moved by a pallet truck into areas with poor access.



All the major controls and monitoring systems are grouped together on a single instrument panel adjacent to the outlet valves. Automatic safety functions will shut down the compressor if oil pressures drop or if air/oil mixture temperatures become too high. Warning lamps alert the operator when a problem has occurred.

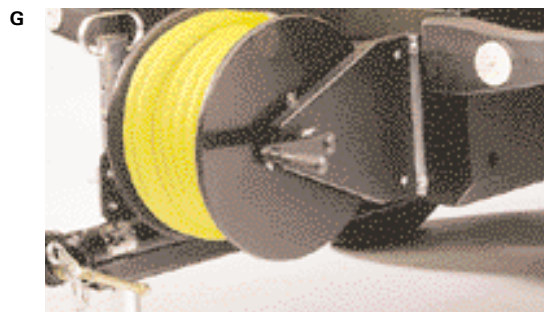
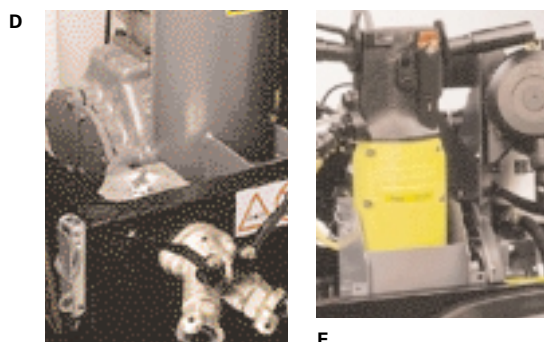
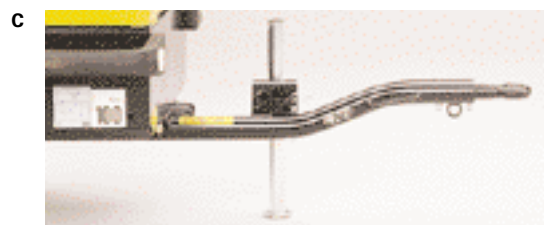
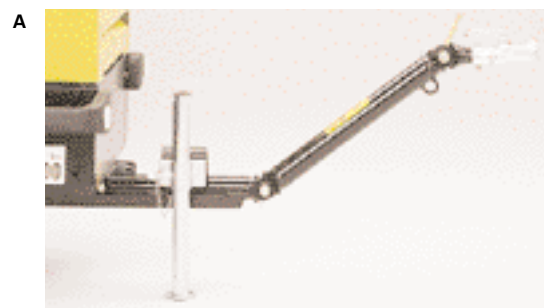


Recessed into the rear chassis rail for protection, the road lighting system comes as standard.

# A specification for every application

**A wide range of Atlas Copco options are available. These enable an XAS36 compressor to be equipped to meet specific applications.**

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Towbar type                    | Adjustable – without brakes <b>A</b><br>Fixed – with brakes (GB only) <b>B</b><br>Fixed – without brakes <b>C</b>                                                                                                                                                                                                                                                                                                                                                                         |
| Box type                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Towing eyes                    | Atlas Copco <br>DIN <br>Ball coupling <br>50 mm swivel <br>Italian  |
| Outlet air lubricator <b>D</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Toolbox <b>E</b>               | Single                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Generator <b>F</b>             | 110V/50 Hz, 4.4 kVA<br>(non-simultaneous use)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Safety                         | Wheel chocks<br>Anti-theft system                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Customer colour options        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hose reel <b>G</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cold weather equipment         | -20°C (-4°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Non-return valve               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



# Principal data

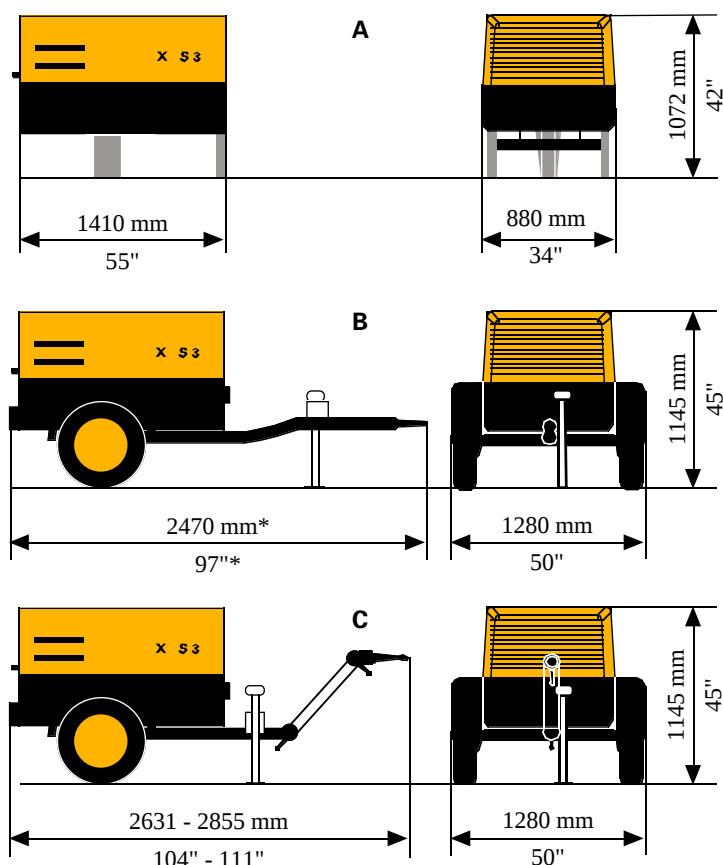
| Compressor                                                   |                     | XAS36 Yd  |
|--------------------------------------------------------------|---------------------|-----------|
| Normal effective working pressure                            | bar                 | 7         |
|                                                              | psig                | 102       |
| Actual free air delivery acc.<br>ISO 1217 ed. 3 1996 annex D | l/s                 | 35        |
|                                                              | m <sup>3</sup> /min | 2.1       |
|                                                              | cu.ft/min           | 74        |
| Sound power acc.<br>EEC 84/533 and 85/406                    |                     | dB(A) 100 |
| Oil capacity                                                 | l                   | 4.5       |
|                                                              | Imp.gal             | 0.99      |
|                                                              | US gal              | 1.19      |

| Engine                |          | Yanmar   |
|-----------------------|----------|----------|
| Model                 |          | 3TNE 68E |
| Number of cylinders   |          | 3        |
| Full load speed       | r/min    | 3600     |
| Output at rated speed | kW       | 15.4     |
| Capacity of fuel tank | l        | 29       |
|                       | Imp. gal | 6.38     |
|                       | US gal   | 7.66     |

## Unit dimensions and weight

|                             |          |     |          |
|-----------------------------|----------|-----|----------|
| Weight dry/ready to operate | <b>A</b> | kg  | 365/400  |
|                             |          | lbs | 760/882  |
|                             | <b>B</b> | kg  | 425/450* |
|                             |          | lbs | 937/992  |
|                             | <b>C</b> | kg  | 435/460  |
|                             |          | lbs | 959/1014 |

\* with brakes: +20 kg (44 lbs)



\*U.K. variant with brakes 2753 mm - 107"

Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

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