

Atlas Copco



# The XAS boX range

Everything you need...  
It's time to think inside the boX!

# Think inside the boX

The new XAS boX range is the result of 10 years of continuous development and addresses the changing needs of our customers. This range, from 400-850 cfm, combines the **rugged durability** you need with the **performance efficiency** you deserve.

When we focus on efficiency within this range, it's all about the strategic triangle of size, flow and fuel efficiency. Excelling in one of these areas is wasted excellence if you cannot provide the other two. Therefore, our promise to you is an industry leading range of optimized size-to-flow compressors, which have unparalleled levels of **fuel efficiency** and **autonomy**.

Some types of the XAS BoX range come with **PACE (Pressure Adjusted through Cognitive Electronics)**. This **electronic pressure regulation** system brings a wider pressure range to cover more applications. PACE optimizes your compressor's efficiency, especially at partial load or idle status. PACE is the smart technology that increases your **utilization** and improves your compressor's **fuel economy**.

This range is also designed to withstand the **toughest working conditions**. With a standard operating temperature range of -10°C to +50°C and a strong undercarriage. The range's robust nature guarantees reliable operation. The design, controller and modularity put you in control. You will see we have also focused heavily on ease of service to ensure uptime and utilization. This range is all about you!

## BO X AS



**LOWER CAPITAL INVESTMENT**  
One machine covers multiple applications

**HIGH AMBIENT TEMPERATURE**  
PERFORMANCE GUARANTEED

**COMPACT SIZE**  
with maximum flow

**INCREASED UTILIZATION**  
Simple service and long service intervals

**FUEL SAVINGS**  
BOTH EFFICIENCY AND AUTONOMY

# Built better. Built for you!

Depending on the model, we offer a choice of a mechanical or electronic engine. We also offer our patented FuelXpert system on many models. By matching the air demand needs to the engine speed, the consumption of fuel is optimized. This fast acting fuel saving system is continuous during the running of the

compressor – with the largest benefit at partial load. In short, we are proud to offer a range of compressors with market leading efficiency, due to the combination of our in-house patented screw element coupled with a Cummins engine.



XC2003 controller with IP65 protection and easy operation\*.



Simple vessel design for ease of service.



Heavy duty air filter with safety cartridge as standard.



Additional fuel filter as standard to ensure engine protection.



FuelXpert for fuel savings at partial load\*.



Integrated top tank to reduce leak risk and avoid corrosion.



Metal braided hose to improved safety and longevity.



Top mounted muffler for less fire risk and heat load.



Enhanced cooling system for 50°C high ambient temperatures.

\*On all units with electronic engines.  
+Available on select models.

### OPTIONS

- Single axle
- Mounted support
- Jockey wheel
- Refinery kit
- Wagon
- Skid
- After-cooler
- Cold start kit

Plus many more. Please ask a representative for details.

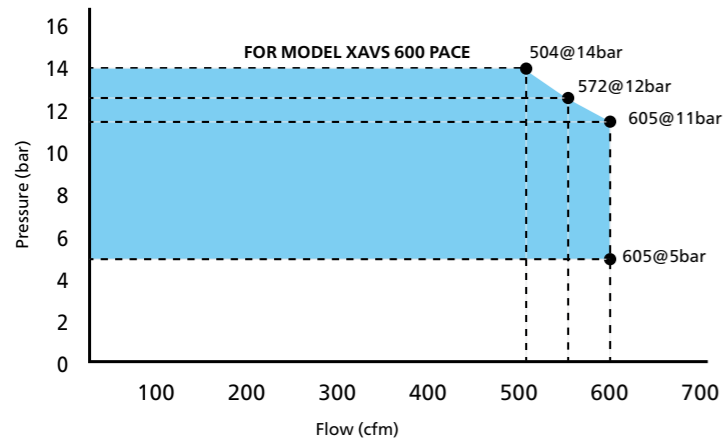
# Has your compressor got PACE?

PACE technology redefines the relationship between pressure and flow. A compressor with PACE technology can cover the application needs of, on average, three fixed pressure compressors.



### What PACE is:

- An electronic regulation system programmed via a digital controller.
- A system that offers the widest operating pressure range within a single compressor. Allowing multiple pressure and flow combinations.
- A simple to use system with guaranteed accuracy and ensuring safety. Guaranteeing the longterm performance of the compressor.
- A system that gives you the versatility of three machines in one package.



### Applications include:



7 bar: Handheld tools



8.6 to 10 bar: Abrasive blasting



7 to 12 bar: Shotcrete applications



12 to 14 bar: Cable blowing and drilling

### Intuitive user operation:

- Toggle between the presets in a simple click.
- Custom pressure can be set in 3 simple clicks.
- Pressure can be adjusted in increments of 0,1 bar.



### What PACE is NOT:

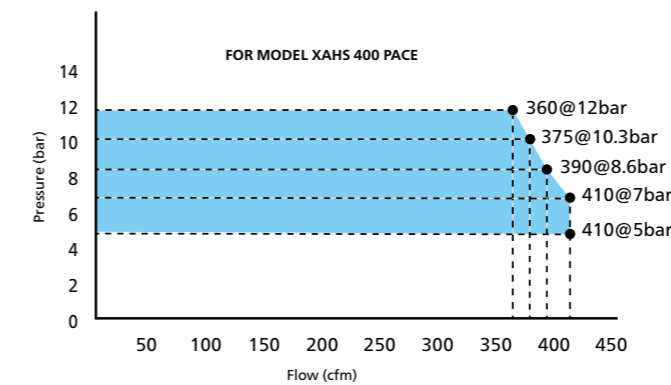
- A linear system where adjusting the pressure dictates the flow.
- A regulation valve where you use guess work to manually adjust the settings.

# Compressors up to 410 CFM



### TECHNICAL DATA

|  |         | XATS 350      | XAHS 350 | XATS 350    | XAHS 350 | XAS 400       | XAS 400 | XAHS 400 PACE |     |             |     |
|--|---------|---------------|----------|-------------|----------|---------------|---------|---------------|-----|-------------|-----|
| Working pressure                           | bar (g) | 10.3          | 12       | 10.3        | 12       | 7             | 7       | 5 - 7         | 8.6 | 10.3        | 12  |
|  | psi (g) | 150           | 175      | 150         | 175      | 100           | 100     | 72 - 100      | 125 | 150         | 175 |
| Free air delivery                          | cfm     | 360           | 360      | 360         | 360      | 410           | 410     | 410           | 390 | 375         | 360 |
|  | m3/min  | 10            | 10       | 10          | 10       | 12            | 12      | 12            | 11  | 10.6        | 10  |
|  | l/sec   | 166           | 166      | 166         | 166      | 191           | 191     | 191           | 183 | 176         | 166 |
| Max. ambient temperature at sea level      | °C      | 50            | 50       | 50          | 50       | 50            | 50      | 50            |     |             |     |
| Min. starting temperature                  | °C      | -10           | -10      | -10         | -10      | -10           | -10     | -10           |     |             |     |
| Min. starting temperature (cold start aid) | °C      | -20           | -20      | -20         | -20      | -20           | -20     | -20           |     |             |     |
| Engine brand                               |         | Cummins       | Cummins  | Cummins     | Cummins  | Cummins       | Cummins | Cummins       |     |             |     |
| Tier                                       |         | Tier 2        | Tier 2   | Tier 3      | Tier 3   | Tier 2        | Tier 3  | Tier 3        |     |             |     |
| Engine model                               |         | 4BTAA3.9-C125 |          | QSB3.9-C130 |          | 4BTAA3.9-C125 |         | QSB3.9-C130   |     | QSB3.9-C130 |     |
| Number of cylinders                        |         | 4             | 4        | 4           | 4        | 4             | 4       | 4             |     |             |     |
| Power output @ normal shaft speed          | kW      | 93            | 93       | 93          | 93       | 93            | 93      | 93            |     |             |     |
| Full load                                  | rpm     | 2300          | 2300     | 2300        | 2300     | 2300          | 2300    | 2300          |     |             |     |
| Unload                                     | rpm     | 1600          | 1600     | 1700        | 1700     | 1600          | 1700    | 1700          |     |             |     |
| <b>Capacity</b>                            |         |               |          |             |          |               |         |               |     |             |     |
| Engine oil                                 | l       | 10            | 10       | 10          | 10       | 10            | 10      | 10            |     |             |     |
| Compressor oil                             | l       | 24            | 24       | 25          | 25       | 24            | 25      | 25            |     |             |     |
| Fuel tank                                  | l       | 175           | 175      | 175         | 175      | 175           | 175     | 175           |     |             |     |
| Cooling system                             | l       | 8.3           | 8.3      | 20          | 20       | 8.3           | 20      | 20            |     |             |     |
| <b>Dimensions: box</b>                     |         |               |          |             |          |               |         |               |     |             |     |
| Length                                     | mm      | 2458          | 2458     | 2458        | 2458     | 2458          | 2458    | 2458          |     |             |     |
| Width                                      | mm      | 1350          | 1350     | 1350        | 1350     | 1350          | 1350    | 1350          |     |             |     |
| Height                                     | mm      | 1525          | 1525     | 1525        | 1525     | 1525          | 1525    | 1525          |     |             |     |
| Weight                                     | kg      | 1600          | 1600     | 1600        | 1600     | 1600          | 1600    | 1600          |     |             |     |
| <b>Dimensions: undercarriage</b>           |         |               |          |             |          |               |         |               |     |             |     |
| Length                                     | mm      | 4120          | 4120     | 4120        | 4120     | 4120          | 4120    | 4120          |     |             |     |
| Width                                      | mm      | 1890          | 1890     | 1890        | 1890     | 1890          | 1890    | 1890          |     |             |     |
| Height                                     | mm      | 1991          | 1991     | 1991        | 1991     | 1991          | 1991    | 1991          |     |             |     |
| Weight                                     | kg      | 1700          | 1700     | 1700        | 1700     | 1700          | 1700    | 1700          |     |             |     |

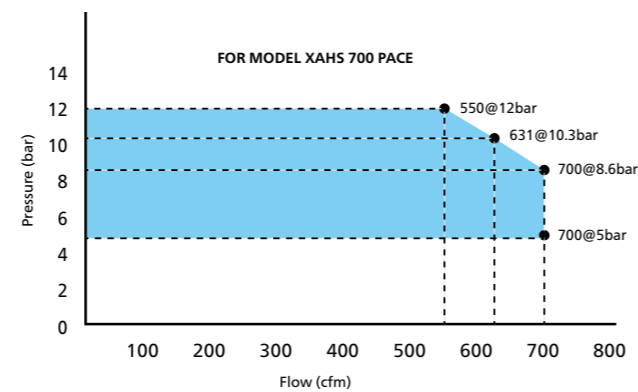
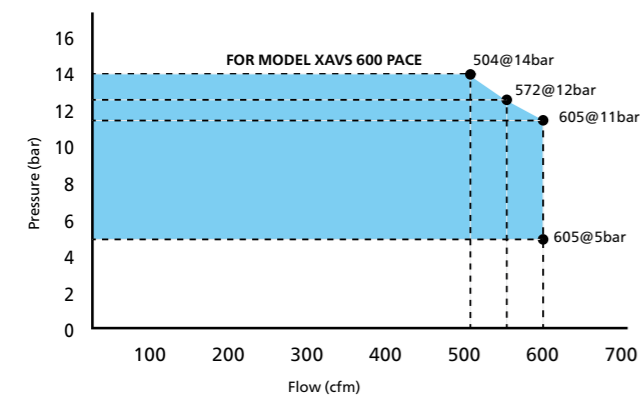


# Compressors up to 700 CFM



## TECHNICAL DATA

|  |                     | XAVS 450      | XAHS 450 | XAVS 450    | XAHS 450 | XAVS 500    | XAHS 500 | XAVS 600 PACE | XAHS 700 PACE |
|--|---------------------|---------------|----------|-------------|----------|-------------|----------|---------------|---------------|
| Working pressure                           | bar (g)             | 14            | 12       | 14          | 12       | 14          | 12       | 5 - 11        | 12            |
|  | psi (g)             | 200           | 175      | 200         | 175      | 200         | 175      | 72 - 160      | 175           |
|  | cfm                 | 441           | 441      | 441         | 441      | 504         | 504      | 605           | 572           |
| Free air delivery                          | m <sup>3</sup> /min | 13            | 13       | 13          | 13       | 14          | 14       | 17            | 16,2          |
|  | l/sec               | 208           | 208      | 208         | 208      | 238         | 238      | 285           | 270           |
|  |                     |               |          |             |          |             |          | 238           | 238           |
| Max. ambient temperature at sea level      | °C                  | 50            | 50       | 50          | 50       | 50          | 50       | 50            | 50            |
| Min. starting temperature                  | °C                  | -10           | -10      | -10         | -10      | -10         | -10      | -10           | -10           |
| Min. starting temperature (cold start aid) | °C                  | -20           | -20      | -20         | -20      | -20         | -20      | -20           | -20           |
| Engine brand                               |                     | Cummins       | Cummins  | Cummins     | Cummins  | Cummins     | Cummins  | Cummins       | Cummins       |
| Tier                                       |                     | Tier 2        | Tier 2   | Tier 3      | Tier 3   | Tier 3      | Tier 3   | Tier 3        | Tier 3        |
| Engine model                               |                     | 6BTAA5.9-C180 |          | QS85.9-C180 |          | QS85.9-C210 |          | QS85.9-C210   |               |
| Number of cylinders                        |                     | 6             | 6        | 6           | 6        | 6           | 6        | 6             | 6             |
| Power output @ normal shaft speed          | kW                  | 132           | 132      | 132         | 132      | 152         | 152      | 152           | 152           |
| Full load                                  | rpm                 | 2400          | 2400     | 2400        | 2400     | 2000        | 2000     | 2000          | 2000          |
| Unload                                     | rpm                 | 1500          | 1500     | 1200        | 1200     | 1200        | 1200     | 1200          | 1200          |
| <b>Capacity</b>                            |                     |               |          |             |          |             |          |               |               |
| Engine oil                                 | l                   | 16.3          | 16.3     | 14.2        | 14.2     | 14.2        | 14.2     | 14.2          | 14.2          |
| Compressor oil                             | l                   | 26.5          | 26.5     | 29          | 29       | 47          | 47       | 47            | 47            |
| Fuel tank                                  | l                   | 185           | 185      | 185         | 185      | 185         | 185      | 185           | 185           |
| Cooling system                             | l                   | 26            | 26       | 30          | 30       | 31          | 31       | 31            | 31            |
| <b>Dimensions: box</b>                     |                     |               |          |             |          |             |          |               |               |
| Length                                     | mm                  | 2800          | 2800     | 2800        | 2800     | 2923        | 2923     | 2923          | 2923          |
| Width                                      | mm                  | 1400          | 1400     | 1400        | 1400     | 1400        | 1400     | 1400          | 1400          |
| Height                                     | mm                  | 1600          | 1600     | 1600        | 1600     | 1600        | 1600     | 1600          | 1600          |
| Weight                                     | kg                  | 1825          | 1825     | 1825        | 1825     | 2125        | 2125     | 2125          | 2125          |
| <b>Dimensions: undercarriage</b>           |                     |               |          |             |          |             |          |               |               |
| Length                                     | mm                  | 4140          | 4140     | 4140        | 4140     | 4230        | 4230     | 4230          | 4230          |
| Width                                      | mm                  | 1940          | 1940     | 1940        | 1940     | 1940        | 1940     | 1940          | 1940          |
| Height                                     | mm                  | 2141          | 2141     | 2141        | 2141     | 2141        | 2141     | 2141          | 2141          |
| Weight                                     | kg                  | 2000          | 2000     | 2000        | 2000     | 2300        | 2300     | 2300          | 2300          |

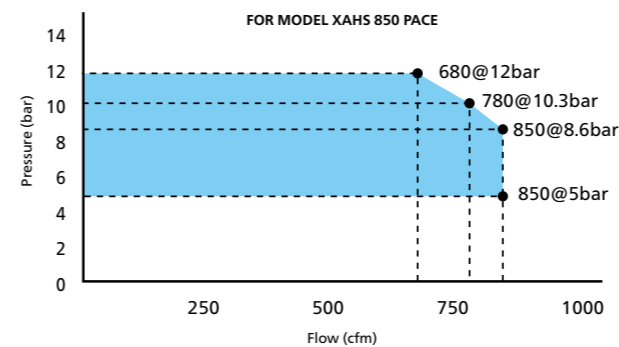
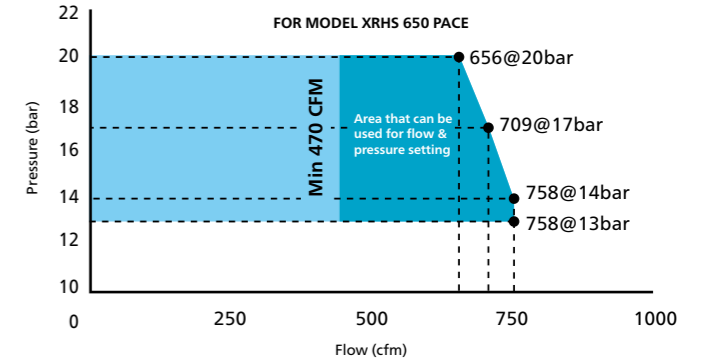
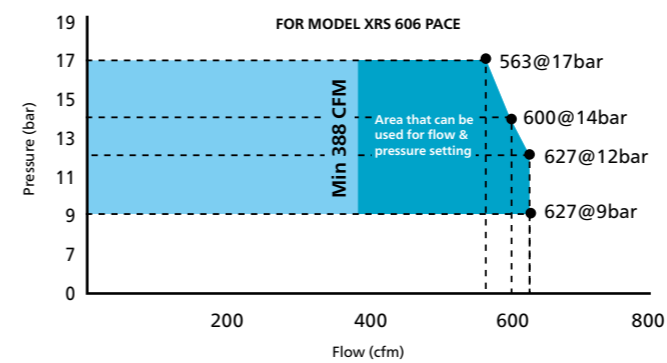


# Compressors up to 850 CFM



## TECHNICAL DATA

|  |                     | XAXS 600    | XAVS 650    | XRHS 650    | XAHS 750    | XATS 800    | XAMS 850    | XRS 606 PACE | XRHS 650 PACE       | XAHS 850 PACE       |
|--|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------------|---------------------|
| Working pressure                           | bar (g)             | 17          | 14          | 20          | 12          | 10.3        | 8.6         | 9 - 17       | 13 - 20             | 5 - 12              |
|  | psi (g)             | 250         | 200         | 300         | 175         | 150         | 125         | 130 - 250    | 190 - 300           | 72 - 175            |
|  | cfm                 | 587         | 651         | 657         | 727         | 788         | 854         | 628 - 564    | 759 - 657           | 848 - 679           |
| Free air delivery                          | m <sup>3</sup> /min | 17          | 18          | 19          | 21          | 22          | 24          | 18 - 16      | 22 - 19             | 24 - 20             |
|  | l/sec               | 277         | 307         | 310         | 343         | 372         | 403         | 296 - 266    | 358 - 310           | 400 - 320           |
|  |                     |             |             |             |             |             |             |              |                     |                     |
| Max. ambient temperature at sea level      | °C                  | 50          | 50          | 50          | 50          | 50          | 50          | 50           | 50                  | 50                  |
| Min. starting temperature                  | °C                  | -10         | -10         | -10         | -10         | -10         | -10         | -10          | -10                 | -10                 |
| Min. starting temperature (cold start aid) | °C                  | -25         | -25         | -25         | -25         | -25         | -25         | -25          | -25                 | -25                 |
| Engine brand                               |                     | Cummins     | Cummins     | Cummins     | Cummins     | Cummins     | Cummins     | Cummins      | Cummins             | Cummins             |
| Tier                                       |                     | Tier 3      | Tier 3      | Tier 3      | Tier 3      | Tier 3      | Tier 3      | Stage IIIA   | Stage IIIA / Tier 3 | Stage IIIA / Tier 3 |
| Engine model                               |                     | QSB6.7-C260 | QSB6.7-C260 | QSB6.7-C260 | QSB6.7-C260 | QSB6.7-C260 | QSB6.7-C260 | QSB5.9-C210  | QSB6.7-C260         | QSB6.7-C260         |
| Number of cylinders                        |                     | 6           | 6           | 6           | 6           | 6           | 6           | 6            | 6                   | 6                   |
| Power output @ normal shaft speed          | kW                  | 194         | 194         | 194         | 194         | 194         | 194         | 152          | 194                 | 194                 |
| Full load                                  | rpm                 | 2000        | 2000        | 2000        | 2000        | 2000        | 2000        | 2100         | 2100                | 2060                |
| Unload                                     | rpm                 | 1300        | 1300        | 1300        | 1300        | 1300        | 1300        | 1300         | 1300                | 1300                |
| <b>Capacity</b>                            |                     |             |             |             |             |             |             |              |                     |                     |
| Engine oil                                 | l                   | 17.8        | 17.8        | 17.8        | 17.8        | 17.8        | 17.8        | 14.2         | 17.8                | 17.8                |
| Compressor oil                             | l                   | 60          | 60          | 60          | 60          | 60          | 60          | 47           | 60                  | 60                  |
| Fuel tank                                  | l                   | 320         | 320         | 290         | 320         | 320         | 320         | 186          | 290                 | 320                 |
| Cooling system                             | l                   | 35.5        | 35.5        | 34          | 35.5        | 35.5        | 35.5        | 31           | 34                  | 35.5                |
| <b>Dimensions: box</b>                     |                     |             |             |             |             |             |             |              |                     |                     |
| Length                                     | mm                  | 3177        | 3177        | 3177        | 3177        | 3177        | 3177        | 2951         | 3177                | 3177                |
| Width                                      | mm                  | 1470        | 1470        | 1470        | 1470        | 1470        | 1470        | 1400         | 1470                | 1470                |
| Height                                     | mm                  | 1987        | 1987        | 1987        | 1987        | 1987        | 1987        | 1898         | 1987                | 1987                |
| Weight                                     | kg                  | 2500        | 2500        | 2800        | 2500        | 2500        | 2500        | 2300         | 2800                | 2500                |
| <b>Dimensions: undercarriage</b>           |                     |             |             |             |             |             |             |              |                     |                     |
| Length                                     | mm                  | 4893        | 4893        | 4858        | 4893        | 4893        | 4893        | 4663         | 4858                | 4893                |
| Width                                      | mm                  | 2010        | 2010        | 2010        | 2010        | 2010        | 2010        | 1940         | 2010                | 2010                |
| Height                                     | mm                  | 2313        | 2313        | 2313        | 2313        | 2313        | 2313        | 2141         | 2313                | 2313                |
| Weight                                     | kg                  | 2800        | 2800        | 3000        | 2800        | 2800        | 2800        | 2500         | 3000                | 2800                |



# Power Technique Solutions Portfolio

Atlas Copco's Power Technique Business Area has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

## Air compressors

### Ready to go



- 1-5 m<sup>3</sup>/min
- 7-12 bar

### Versatility



- 5.5-22 m<sup>3</sup>/min
- 7-20 bar

\*Diesel and electric options available

### Productivity partner



- 19-116 m<sup>3</sup>/min
- 10-345 bar

## Handheld tools

### Pneumatic tools



- Breakers (2,5 – 40 kg)
- Rockdrills (5 – 25 kg)
- Underground Rock Drills
- Additional Air Tools

### Hydraulic tools



- Breakers (11 – 40 kg)
- Additional Hydraulic Tools
- Powerpacks

### Petrol engine driven tools



- Breakers & Tie Tampers (25 kg)
- Rockdrills (23 Kg)

### Generators



- Portable
- Mobile
- Industrial

\*Multiple configurations available to produce power for any size application

### Light towers



- Diesel LED and MH
- Electric LED
- Battery LED

### Dewatering pumps



- Submersible
- Surface
- Small portable

\*Diesel and electric options available

Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.