

**1300 mbar
of high performance and
energy savings**



ROBUSCHI®

ROBOX

evolution

energy

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ROBOX

evolution energy

A new line of blower units - **ROBOX evolution energy** - has been created, in versions **1000** and **1300**, combining high performance (**1300 mbar**) with the lowest possible energy consumption.

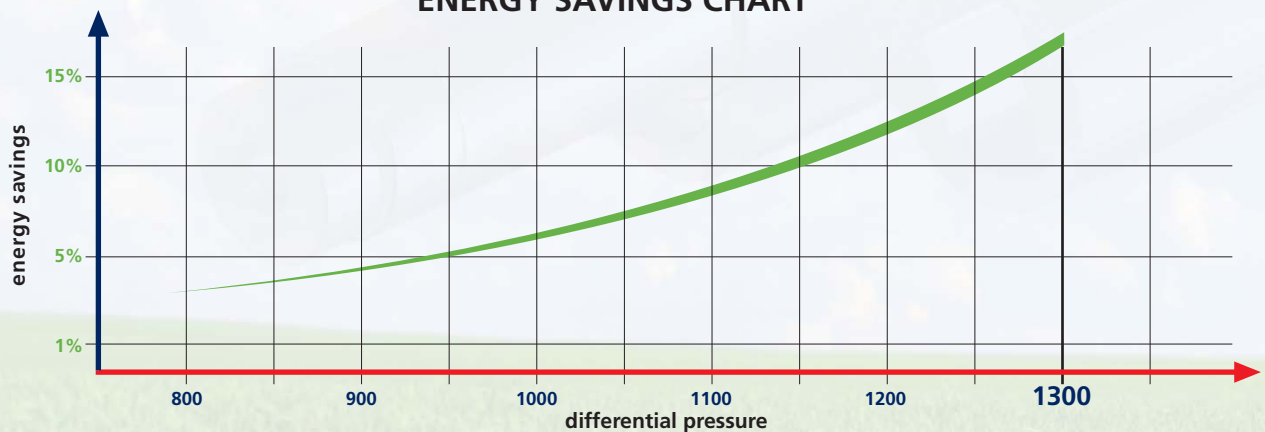
The excellent characteristics of **ROBOX evolution energy** provide an efficient answer to the impact of electricity costs, and a valid solution for environmental problems.

- differential pressure up to **1300 mbar**,
- greater thermodynamic efficiency,
- improved volumetric efficiency,
- low noise levels,
- no oil present in the circuit (oil-free),
- reduced maintenance costs,
- possibility of use even with inlet temperatures **>40°C**.

These are the distinctive elements of **ROBOX evolution energy**, ensuring quick returns on the initial investment.



ENERGY SAVINGS CHART



Potential Energy Savings, depending on the application (differential pressure - capacity)



Characteristics:

- version included in the ROBOX evolution standard range
- two RBS lobe blowers assembled in series
- noise enclosure roof with special protection for the SPF silencer (patented by Robuschi)
- a single motor, dimensioned for lower energy consumption
- VSM pilot valve with safety function and starting (for pressures >1000 mbar)
- Sentinel electronic control system (optional)

.....all the innovative characteristics of the ROBOX evolution blower unit are maintained: silent operation, compact, easy maintenance and monitored operation.



Applications:

- **WWT:** reduced-cost solution to the requests for greater pressure in waste water treatment plants (particularly high tanks)
- **Industrial:** the solution for high performance levels in the pneumatic transport of powders and bulk material in the dilute phase
- **Special environmental conditions:** use in high temperature environments (>40°C)

Performance:

	Energy 1000	Energy 1300
Pressure (mbar)	min 800 - max 1000	min 1000 - max 1300
Capacity (m³/h)	min 180 - max 5000	min 180 - max 5000



Range:

ROBOX evolution energy 2
with blowers from **RBS 35** to **RBS 65**

ROBOX evolution energy 3
with blowers from **RBS 65** to **RBS 86**

ROBOX evolution energy 4
with blowers from **RBS 86** to **RBS 126**

Dimensions in mm



ROBOX evolution energy 2



ROBOX evolution energy 3



ROBOX evolution energy 4

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