

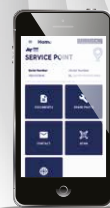
ROBUSCHI CONNECTED SERVICES



Signals

Cloud

ROBUSCHI
CONNECTED SERVICES



GENUINE PARTS



Smart and proactive real-time monitoring service designed to offer comprehensive and up-to-the-minute data crucial for maximizing the efficiency and operation of your equipment.

Through remote accessibility **ROBUSCHI CONNECTED SERVICES** enable you to save time by eliminating the necessity to be physically present for diagnostic tasks.

Imagine having the power to anticipate and prevent potential disruptions before they occur. With our platform, you'll gain invaluable insights to energy consumption, fine-tune cleaning cycles, and schedule maintenance proactively, ensuring uninterrupted operations and maximum efficiency in servicing your Robuschi blowers.

Benefits at a glance

- Save costs of daily supervision of the asset on site due to remote monitoring
- Reduce planned downtime due to preventive maintenance based on run hours
- Avoid unplanned downtime due to wear and failure prediction
- Optimize asset service and spare parts availability through easy access to manuals and spare parts in web-shop

ROBUSCHI

An Ingersoll Rand Business



Full Spectrum of Technologies

Robuschi provides solutions that combine superior efficiency, low noise emission, small footprint, minimum maintenance, competitive operating costs and long service life thanks to the wide range of Lobe, Screw, Turbo, Side Channel and Multistage Blowers, Liquid Ring Vacuum Pumps and Centrifugal Pumps.

View our product range scan the QR code



www.robuschi.com

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ROBUSCHI reserves the right to make any modification aimed at the continual improvement of their products.

S48-1D24-D

ROBUSCHI

NEW AND ENHANCED CONTROLLER



ROBOX
CONNECT 2.0

ROBUSCHI®

GET RELIABILITY & GREATER EFFICIENCY

Introducing the latest generation of our innovative controller – a cutting-edge device that redefines user interaction with unprecedented features and enhanced functionality. This state-of-the-art controller is meticulously crafted to provide an immersive and seamless experience for users across various platforms.

Among the numerous remarkable attributes, the capability to integrate seamlessly with various lobe and/or screw blowers enables automated and plant operations to consistently operate at their peak efficiency. Furthermore, the IoT device, linked to Robuschi Connected Services, keeps a vigilant eye on your equipment, regardless of its location, preventing downtimes, inefficiencies, and safeguarding your investment.

The user-friendly Robox Connect 2.0 touch screen features an intuitive menu, offering a real-time view of the operation of the Robox Lobe and Screw units. This interface enables continuous monitoring of your equipment, facilitating early detection of issues and malfunctions to safeguard your investment. Additionally, the controller efficiently manages a range of operating functions accessible both from the built-in touch screen and remotely.

The embedded communication protocols are Modbus RTU, TCP.

Benefits at a glance

- Full color, resistive touch screen
- Intuitive – easy-to-learn navigation, which lowers the learning curve for customers and technicians
- Connectivity – IOT modem with the ability to connect the machine with a cloud

MAIN CONTROLLER FUNCTIONS

- Multiple language configuration
- 12 analog and digital inputs / outputs
- Interval maintenance
- Parameter data transmission via Modbus RTU, TCP
- Parameter trends
- Warning & Alarm detection
- Data logger for service troubleshooting
- Suitable for any kind of starter device

WHAT ARE THE CONTROLLED PARAMETERS?

- Suction pressure (P1)
- Discharge pressure (P2)
- Oil injection pressure (P3)
- Discharge temperature (T2)
- Oil sump temperature driven side/oil injection temperature (T3) - for Robox Screw
- Enclosure temperature (T5) - for Robox Lobe



EVERYTHING AT YOUR FINGERTIPS!

ROBOX®
CONNECT 2.0

HOW DOES IT WORK?

All functions are clearly structured in the main display menu items:

- All functions are intuitively visualized
- Easy to get complete overview of lobe or screw blower status
- Easy to access the main functions



On the homepage, there are various elements or features visible:

- Discharge Pressure and Inlet Pressure
- Discharge Temperature
- Running Hours

In addition, clicking on Pressure and Temperature values, you will see the related trends.

DIVING INTO DETAILS

ALARMS

RECORD	Home	Alarm	Settings	Info	Help	Logout
Records Menu						
Current Trips	▶					
History Trips	▶					
Trips Data Record	▶					
IoT Trip Data Record	▶					
Ready 2024-04-12 10:05:22						

On the "Alarms" dashboard the following items are displayed:

- Current alarms
- Alarms history
- IOT Trip Data Record

MAINTENANCE / SERVICE DASHBOARD

On the "Maintenance" dashboard it is possible to check the items for scheduled maintenance along with their respective counters and maintenance intervals.

GENERAL SETTINGS

GENERAL SETTINGS	Home	Alarm	Settings	Info	Help	Logout
General Settings Menu						
General Parameters	▶					
Modbus Settings	▶					
Ethernet Settings	▶					
Ready 2024-04-12 10:07:01						

In **General Settings**: you are able to set-up Languages, Measurement System (S.I. or Imperial), Date and Display Configurations

Com2 Settings: you are able to set-up the Modbus RTU communication protocol

Ethernet Settings: you are able to set-up the Modbus RTU communication protocol

