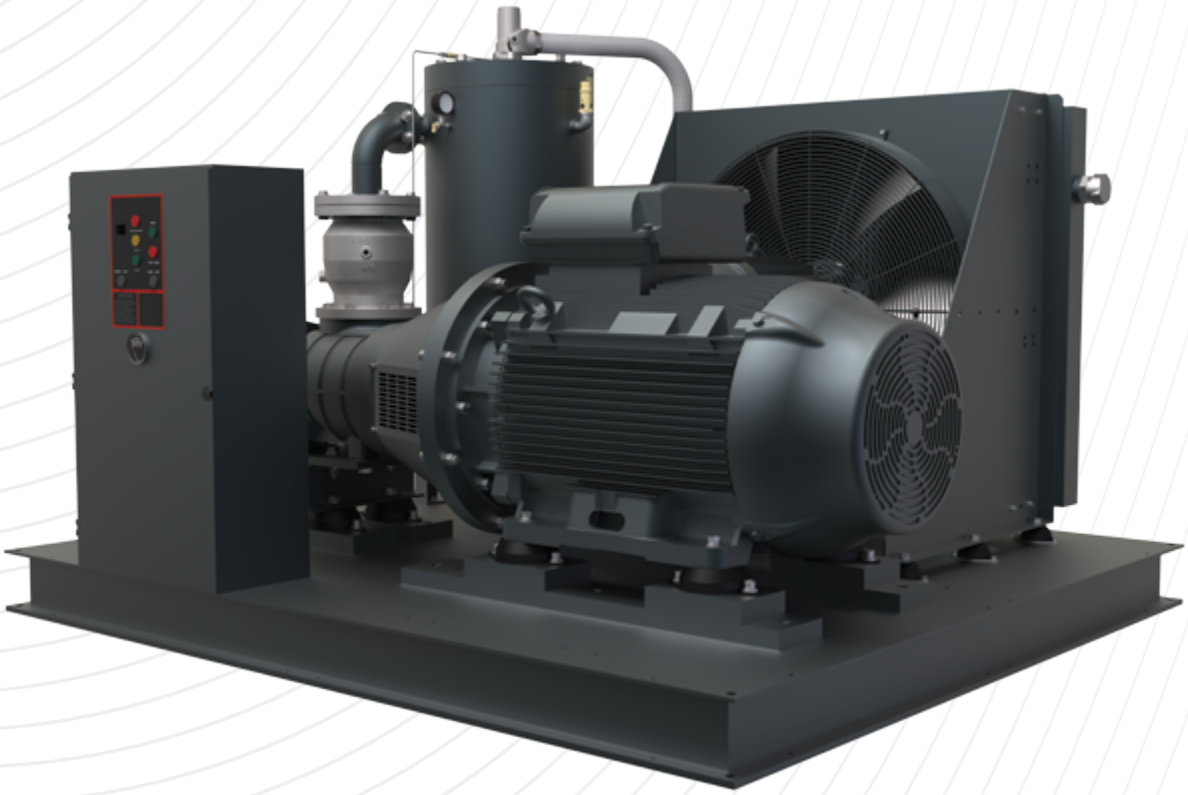
FSCURTIS



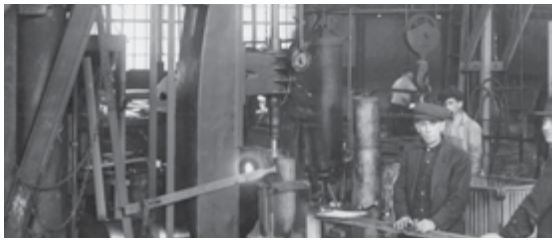
Manufactured
in America

RS SERIES

FIXED SPEED ROTARY SCREW AIR COMPRESSORS 15-300 HP

FS CURTIS
AIR COMPRESSORS







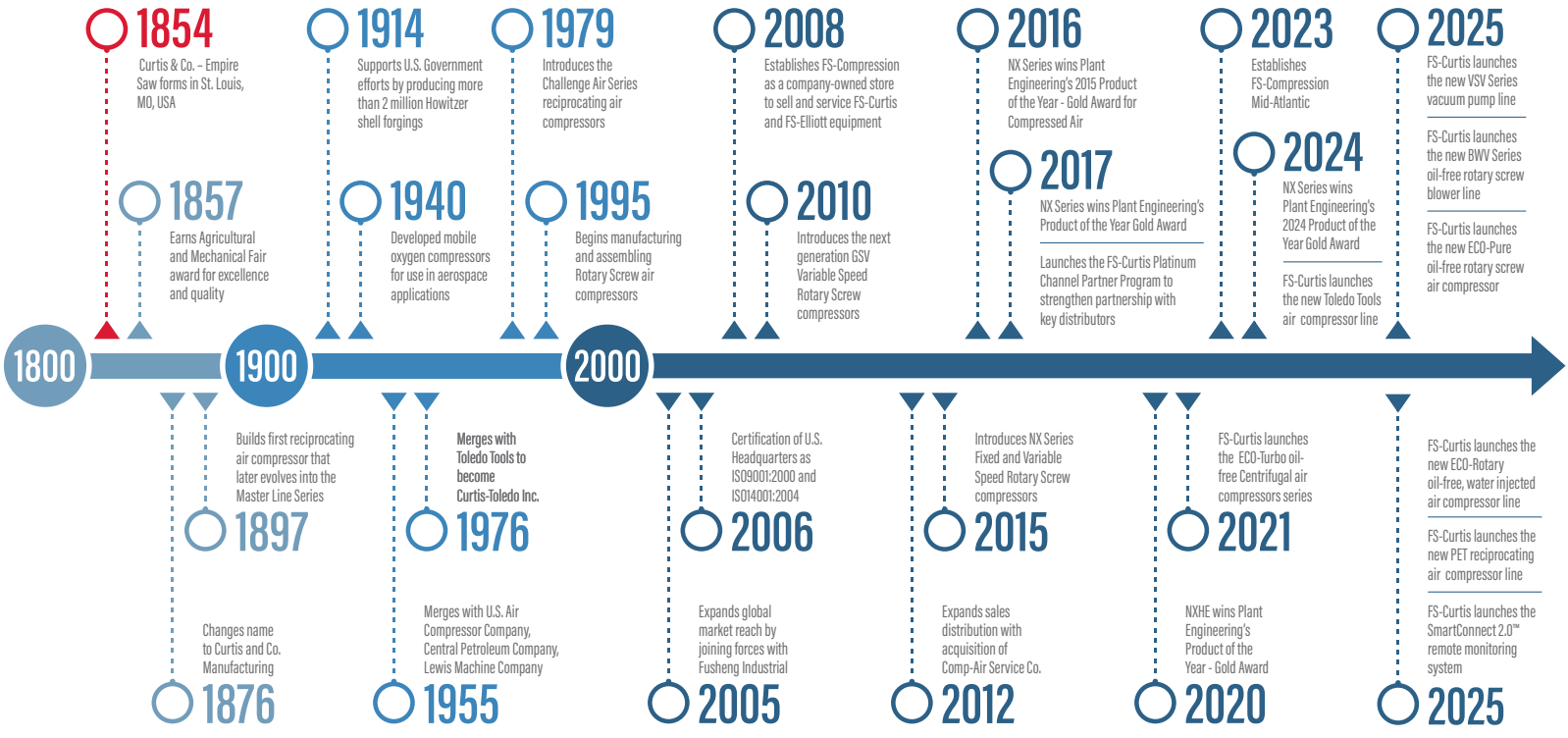
SOME COMPANIES ARE FOUNDED ON HARD WORK. OTHERS ARE FOUNDED ON IDEALS.

FS-CURTIS WAS FOUNDED ON BOTH.

More than 170 years ago, the FS-Curtis way of doing business was established through two key commitments: a dedication to building quality products and a dedication to responsive customer service.

Over the decades, the company and its products have evolved through innovation and new technologies. But those commitments to quality and service remain unchanged. Today, just as in 1854, FS-Curtis customers can depend on our products for reliable, long-term service. Equally as important, they can depend on getting the same from our people.

A HISTORY OF EXCELLENCE









HIGH PERFORMANCE.
LEGENDARY RELIABILITY.

RUGGED AND DEPENDABLE

Built to work. Built to last. That's the essence of the FS-Curtis RS Series rotary screw air compressors. Performing dependably in thousands of locations worldwide, RS Series compressors combine efficient operation with outstanding durability in the most demanding environments. The easy access design lowers maintenance costs while the top-quality components deliver maximum uptime — all backed by the FS-Curtis reputation for rugged dependability.

FS-Curtis' well-known reliability begins with the selection of quality components designed for long-term use under tough working conditions. The rigid base includes built-in forklift slots to reduce the risk of damage. Add in the meticulous selection of components, such as premium efficiency motors (up to 200 HP), generously sized coolers and airends, and it's easy to see why RS Series compressors have earned a reputation for durability and performance.





AMERICAN CRAFTMANSHIP
ST. LOUIS, MO USA

The RS Series is proudly made in the USA .

RS SERIES

BUILT RIGHT. BUILT SMART.

PACKAGED TO PERFORM

RS Series compressors are built for ease of installation and intuitive operation. The plug-and-play design allows for easy installation in a wide range of applications. The standard machine has no cabinet to work around, giving you easy access to all components. Features like long-life consumables, factory-filled synthetic oil, and an oil level sight glass help reduce maintenance time. The multi-stage oil separation system and the heavy-duty oil filter with bypass help ensure long-term operation.

MAXIMUM ENERGY SAVINGS

Thanks to the timed dual control with modulation, proven energy savings and stable pressure come standard. During the load cycle, the compressor capacity automatically adjusts to meet system demand — so when the demand drops, so do your energy costs. The sump system automatically blows down to a low idle pressure and maintains extremely low unloaded horsepower. Unloaded timed shutdown, which turns the RS Series compressor completely off if no further air is required, also comes standard.



STANDARD FEATURES

- Heavy-duty Intake Filter standard on RSD50-300
- High-Efficiency Airend
- NEMA Premium Efficiency Motors (up to 200 HP)
- Timed Dual Control with Modulation
- 120V Control Voltage
- Multi-Stage Oil Separation System
- Heavy-Duty Oil Filter with Bypass
- Oil Level Sight Glass
- Mixing Three-Way Oil Thermostat
- Side-by-Side Air Cooled Oil/Air Aftercooler
- Rigid Base with Forklift Slots
- Multi-Level Safety Systems
- Pressure Relief Valve
- Factory-Filled Synthetic Oil

MORE OPTIONS. MORE CHOICES.

The RS Series options give you the flexibility to configure your compressors to meet your needs. Optional features include:

- Water Cooled
- Alternative Voltages (200, 230, 460, 575V, 60Hz, 50Hz)
- iCommand-Touch+ Controller
- TEFC Motors
- NEMA 4 Control Panel
- Y/D starter (standard for 125-300HP)
- Solid-State Soft Starter
- Pressure Differential Gauges for Air, Oil and Separator Filters
- Moisture Separator and Drain Trap
- Factory Filled with Food Grade Oil

RS SERIES

FEATURES AT A GLANCE

QUALITY COMPONENTS

Built to the highest levels of performance and reliability.

- Superior durability handles even the most demanding applications
- High-efficiency separation and filtration for long life
- Generously sized components for the utmost in reliability and maximum uptime
- Rugged sub-frame for years of trouble-free operation

SUPERIOR PACKAGE DESIGN

Robust design ensures maximum uptime.

- Open design offers easy access to all components — no need to remove panels or brackets
- Rugged and leak-free design
- Easy servicing for low cost of ownership

LOW POWER CONSUMPTION

Designed for outstanding efficiency.

- Exclusive slow-speed airend profile results in higher air delivery while reducing power consumption
- Proven control technology for power savings and pressure stability in all demand loads
- NEMA Premium Efficiency motors
- Low internal pressure drop increases efficiency

CUSTOMER-FOCUSED ENGINEERING

Flexibility to meet your specific needs.

- Open design allows flexibility for meeting the needs of unique applications
- Large range of factory options to fit individual needs



RS SERIES

TAKE CONTROL OF YOUR APPLICATION

STANDARD CONTROLS

Display includes discharge and sump pressure gauges, temperature gauge, hour meter, dual high air/oil temperature shutdown switches with indicating light, start-stop buttons, optional timed dual control switch, load/unload switch, standby light, power on light and optional PSID indicators.





OPTIONAL iCOMMAND-TOUCH+ CONTROLLER

With the premium iCommand-Touch+, a full-color screen displays graphs which capture and track factual, real-time air usage by the hour, day, week and month. Historical data can be retrieved at any time at the touch of the screen. Continuously tracks pressure, temperature, air quantity and usage to easily diagnose and optimize your plant's air system. Features include: Simple Touchscreen Control, Intuitive Navigation, and ability to capture real-time and historical data trending.

ELECTRICAL CONTROL ENCLOSURE

Conveniently located with hinged access door. Built-in across the line magnetic starters with thermo overload protection ensures long motor life. 120 volt control circuit with fused protection is provided for safe operation. Standard NEMA 1 control panel comes U.L. and C.U.L. listed with electrical components U.L. and C.S.A. approved. Wye-Delta Starters are standard on 125 through 300 HP.



RS SERIES

TECHNICAL DATA

RSB15-50 HP BELT DRIVE

MODEL	MOTOR kW / HP	CAPACITY FAD (CFM)				CONFIGURATION	TANK gal.	DIMENSIONS L x W x H in.	WEIGHT lbs.
		100 psi	125 psi	150 psi	175 psi				
RSB15	11 / 15	69	59	51	45	Base Mount	-	60 x 41 x 39	940
						Tank Mount	80	73 x 41 x 65	1175
RSB20	15 / 20	92	81	46	65	Base Mount	-	60 x 41 x 39	985
						Tank Mount	120	77 x 41 x 69	1305
RSB25	18 / 25	111	101	92	84	Base Mount	-	60 x 41 x 39	1060
						Tank Mount	120	77 x 41 x 69	1380
RSB30	22 / 30	135	125	113	101	Base Mount	-	60 x 41 x 39	1150
						Tank Mount	120	77 x 41 x 69	1420
RSB40	30 / 40	189	173	150	140	Base Mount	-	72 x 53 x 44	1325
						Tank Mount	200	80 x 53 x 81	1745
RSB50	37 / 50	220	186	186	170	Base Mount	-	72 x 53 x 44	1600
						Tank Mount	200	80 x 53 x 81	1920

RSD50-300 HP DIRECT DRIVE

MODEL	MOTOR kW / HP	CAPACITY FAD (CFM)				CONFIGURATION	DIMENSIONS L x W x H in.	WEIGHT lbs.
		100 psi	125 psi	150 psi	175 psi			
RSD50	37 / 50	228	212	188	175	Base Mount	72 x 42 x 46	1835
RSD60	45 / 60	295	272	227	200	Base Mount	76 x 48 x 60	2276
RSD75	55 / 75	357	330	312	260	Base Mount	84 x 54 x 60	2690
RSD100	75 / 100	457	438	374	337	Base Mount	84 x 54 x 60	4520
RSD125	90 / 125	600	534	475	440	Base Mount	84 x 66 x 68	4520
RSD150	110 / 150	742	706	583	546	Base Mount	90 x 80 x 75	4750
RSD200	160 / 200	920	860	770	680	Base Mount	90 x 80 x 75	5250
RSD250	185 / 250	1170	1050	980	890	Base Mount	112 x 80 x 78	8900
RSD300	220 / 300	1350	1300	1150	1090	Base Mount	112 x 80 x 78	9200

CONTINUED COMMITMENT

A company history that dates 170 years is a company history that, to us, is just the beginning. FS-Curtis is committed to offering a world-class portfolio of products. Through the dependability of our people and our quality-focused manufacturing, FS-Curtis will continue to be the most trusted and dependable name in compressed air serving even more markets through our ever-growing global presence.

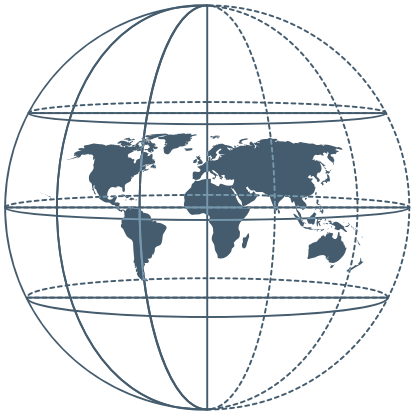


You can count on **FS-Curtis** to approach the next 170 years by staying true to the values and strengths that are appreciated by our customers today.

A WORLD OF DIFFERENCE

The FS-Curtis headquarters in St. Louis, Missouri, U.S.A. is the anchor of a larger global network. FS-Curtis builds quality products — and a quality reputation — at locations around the world.

In addition to our manufacturing and packaging locations, a large global network of sales agents and distributors ensures that sales and service support is available around the world, day in and day out.



ST. LOUIS, MO USA (HEADQUARTERS)

TAIPEI, TAIWAN (FUSHENG HQ) | SHANGHAI, CHINA (FUSHENG)
PITTSBURGH, PA USA (FS-ELLIOTT) | KONGEN, GERMANY (ALMIG)
PUNE, INDIA (FS-CURTIS) | HO CHI MINH CITY, VIETNAM (FUSHENG)

Distributed By:

FSCURTIS

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bsi ISO 9001 Quality Management Systems CERTIFIED

CAGI PERFORMANCE VERIFICATION PROGRAM

COMPRESSED AIR CHALLENGE SPONSOR

CORPLITERATURE: FSL-RSFLBREV3
Improvements and research are continuous at FS-Curtis. Specifications may change without notice.

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