NEXTEK
INDUSTRIAL EQUIPMENT

AIR COMPRESSOR PRODUCT CATALOGUE

2026 EDITION

Fixed Speed | Variable Speed | Oil-Free Screw | Oil-Free Scroll

RELIABLE AIR. SMARTER OPERATIONS.

Compressed-air solutions matched to the way your operation works.

WHAT THIS CATALOGUE COVERS

- Technical specifications across multiple compressor categories
- Selection guidance for flow, pressure and air-quality needs
- Additional 4-in-1, diesel and single-phase compressor ranges



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Compressed Air Solutions for Different Operating Needs

Nextek Industrial Equipment offers compressor solutions for steady industrial duty, variable air demand and oil-free applications. This catalogue is intended to support preliminary equipment selection before detailed application review and quotation.

FS

Fixed Speed Screw

Best for steady air demand

Simple base-load operation for plants where compressed-air consumption stays relatively stable throughout the shift.

VSD

Variable Speed Screw

Best for changing air demand

Motor speed adjusts to demand and may improve energy performance where consumption rises and falls during operation.

OFS

Dry Oil-Free Screw

Best for high-flow oil-free duty

Designed for processes that require oil-free compressed air at higher capacities, including sensitive industrial applications.

SC

Oil-Free Scroll

Best for clean, quiet point-of-use air

Compact oil-free technology suited to quieter workspaces, lower-to-medium flow requirements and modular duty.

Information needed for accurate compressor selection

- Required airflow at operating pressure
- Demand pattern and expected duty cycle
- Air-quality target and oil-free requirement
- Electrical supply: voltage, frequency and phase
- Installation space, ambient conditions and piping distance

Quick Selection Guide

Use this comparison as a starting point before confirming flow, pressure, air quality and site conditions.

Technology	Typical operating profile	Primary advantage	Selection consideration
Fixed Speed Screw	Stable or near-constant air demand	Simple, robust base-load operation	Avoid excessive unloaded running in highly variable demand profiles.
Variable Speed Screw	Demand changes during the shift	Output follows demand; may improve energy efficiency	Correct minimum and maximum flow range is essential for performance.
Dry Oil-Free Screw	Higher flow with oil-free air requirement	Oil-free compression for sensitive processes	Confirm air-quality target, cooling method and installation conditions.
Oil-Free Scroll	Low-to-medium flow, clean and quiet duty	Compact modular oil-free solution	Confirm required pressure, redundancy expectations and daily operating hours.

Important

Final model selection should be based on verified site air demand, operating pressure, duty cycle, air quality requirements, ambient conditions and electrical supply.

Recommended next step

Share your required flow, pressure, voltage, operating hours and any oil-free requirement so Nextek can recommend a suitable unit and prepare a quotation.

Fixed Speed Screw Air Compressors

RELIABLE AIR. STEADY PERFORMANCE.

A dependable base-load solution for operations with consistent compressed-air demand.



ENGINEERED FOR RELIABILITY

- High-efficiency, low-speed screw air end supports stable output and long service life.
- Direct-drive or flexible-coupling configurations minimise transmission complexity.
- Intelligent control monitors pressure and operating temperature for automated operation.
- Robust cooling and motor protection support demanding industrial environments.

Best suited to steady-demand production, workshops and continuous base-load duty.

Fixed Speed Screw Air Compressor Specification

Model	Power kw	Power hp	Capacity (M³/Min)	Working pressure (bar)	Air outlet diameter	Noise level dB(A)	Driven method	Start method	Extenal dimensions L*W*H(mm)	Weight (kg)
NXT-7.5F	7.5	10	1.10 0.90 0.63	8 10 13	DN20	60±2	Direct drive/ Belt drive	Y-Δ	950*687*930	213 207 207
NXT-11F	11	15	1.75 1.65 1.10 0.88	8 10 13 16	DN20	62±2	Direct drive/ Belt drive	Y-Δ	1090*740*1085	317 317 317 317
NXT-15F	15	20	2.44 2.20 1.87 1.10	8 10 13 16	DN20	62±2	Direct drive/ Belt drive	Y-Δ	1090*740*1085	356 317 317 317
NXT-18.5F	18.5	25	3.00 2.70 2.30 1.85	8 10 13 16	DN25	64±2	Direct drive/ Belt drive	Y-Δ	1335*900*1170	470 470 470 470
NXT-22F	22	30	3.60 3.20 2.60 2.3	8 10 13 16	DN25	64±2	Direct drive/ Belt drive	Y-Δ	1335*900*1170	470 470 470 470
NXT-30F	30	40	5.00 4.50 3.60 2.94	8 10 13 16	DN40	66±2	Direct drive/ Belt drive	Y-Δ	1510*1037*1275	645 645 615 615
NXT-37F	37	50	6.30 5.60 4.61 3.40	8 10 13 16	DN40	66±2	Direct drive/ Belt drive	Y-Δ	1510*1037*1275	685 685 685 685
NXT-45F	45	60	7.46 6.25 5.51 5.22	8 10 13 16	DN40	66±2	Direct drive/ Belt drive	Y-Δ	1510*1037*1275	712 712 712 712
NXT-55F	55	75	9.28 8.17 7.25 6.28	8 10 13 16	DN50	68±2	Direct drive/ Belt drive	Y-Δ	1910*1270*1600	1108 1046 1046 1046
NXT-75F	75	100	12.35 11.20 9.80 8.05	8 10 13 16	DN50	68±2	Direct drive/ Belt drive	Y-Δ	1910*1270*1600	1205 1156 1156 1156
NXT-90F	90	120	15.20 13.30 12.00	8 10 13	DN65	70±2	Direct drive	Y-Δ	2460*1670*1700	1775 1705 1648
NXT-110F	110	150	19.80 16.50 13.20	8 10 13	DN65	70±2	Direct drive	Y-Δ	2460*1670*1700	2104 2104 2104
NXT-132F	132	175	23.20 20.50 17.40	8 10 13	DN65	70±2	Direct drive	Y-Δ	2460*1670*1700	2261 2261 2261
NXT-160F	160	215	28.30 25.00 20.43	8 10 13	DN65	75±3	Direct drive	Y-Δ	2700*1700*1800	3380 3380 3380
NXT-185F	185	250	31.90 28.50 23.53	8 10 13	DN100	75±3	Direct drive	Y-Δ	3110*1940*2060	3580 3580 3580
NXT-220F	220	294	36.74 33.17 29.75	8 10 13	DN100	75±3	Direct drive	Y-Δ	3970*2190*2270	4500 4500 4500
NXT-250F	250	335	44.00 36.60 32.16	8 10 13	DN100	78±3	Direct drive	Y-Δ	4182*2240*2340	4600 4600 4600

CLIENT VALUE

- Predictable airflow for consistent processes.
- Straightforward operation and maintenance access.
- Stable pressure delivery within the selected operating range.
- Broad model selection from compact units to higher-capacity plant compressors.

Choose fixed speed when demand remains relatively stable through the operating shift.

Variable Speed Screw Air Compressors

AIR THAT FOLLOWS DEMAND.

PM VSD control adjusts motor speed to real-time air consumption for responsive, efficient operation.



SMARTER ENERGY CONTROL

- Variable-speed control responds quickly to pressure changes and changing airflow requirements.
- Soft-start operation reduces peak starting current and mechanical stress on equipment.
- Wide flow adjustment helps reduce unloaded running and unnecessary energy use.
- Direct-drive PM motor configuration supports efficient power transfer and low-noise operation.

Best suited to plants with changing demand, multiple shifts or frequent load variation.

Variable Speed Screw Air Compressor Specification

Model	Power kw	Power hp	Capacity (M^3/Min)	Working pressure (Bar)	Air outlet diameter	Noise level dB(A)	Driven method	Start method	Extenal dimensions L*W*H(mm)	Weight (kg)
NXT-7.5V	7.5	10	0.49-1.1 0.4-0.9 0.28-0.63	8 10 13	DN20	60±2	Direct drive	PM VSD	950*687*930	213 207 207
NXT-11V	11	15	0.78-1.75 0.74-1.65 0.49-1.1 0.39-0.88	8 10 13 16	DN20	62±2	Direct drive	PM VSD	1090*740*1085	317 317 317 317
NXT-15V	15	20	1.1-2.44 0.99-2.2 0.84-1.87 0.49-1.1	8 10 13 16	DN20	62±2	Direct drive	PM VSD	1090*740*1085	356 317 317 317
NXT-18.5V	18.5	25	1.35-3.00 1.21-2.7 1.03-2.3 0.83-1.85	8 10 13 16	DN25	64±2	Direct drive	PM VSD	1335*900*1170	470 470 470 470
NXT-22V	22	30	1.62-3.6 1.44-3.2 1.17-2.6 1.03-2.3	8 10 13 16	DN25	64±2	Direct drive	PM VSD	1335*900*1170	470 470 470 470
NXT-30V	30	40	2.25-5 2.02-4.5 1.62-3.6 1.23-2.94	8 10 13 16	DN40	66±2	Direct drive	PM VSD	1510*1037*1275	645 645 615 615
NXT-37V	37	50	2.83-6.3 2.52-5.6 2.07-4.61 1.53-3.4	8 10 13 16	DN40	66±2	Direct drive	PM VSD	1510*1037*1275	685 685 685 685
NXT-45V	45	60	3.35-7.46 2.81-6.25 2.47-5.51 2.34-5.22	8 10 13 16	DN40	66±2	Direct drive	PM VSD	1510*1037*1275	712 712 712 712
NXT-55V	55	75	4.17-9.28 3.67-8.17 3.26-7.25 2.82-6.28	8 10 13 16	DN50	68±2	Direct drive	PM VSD	1910*1270*1600	1108 1046 1046 1046
NXT-75V	75	100	5.55-12.35 5.04-11.2 4.41-9.8 3.62-8.05	8 10 13 16	DN50	68±2	Direct drive	PM VSD	1910*1270*1600	1205 1156 1156 1156
NXT-90V	90	120	6.84-15.2 5.98-13.3 5.4-12	8 10 13	DN65	70±2	Direct drive	PM VSD	2460*1670*1700	1775 1705 1648
NXT-110V	110	150	8.91-19.8 7.42-16.5 5.94-13.2	8 10 13	DN65	70±2	Direct drive	PM VSD	2460*1670*1700	2104 2104 2104
NXT-132V	132	175	10.44-23.2 9.22-20.5 7.83-17.4	8 10 13	DN65	70±2	Direct drive	PM VSD	2460*1670*1700	2261 2261 2261
NXT-160V	160	215	12.73-28.3 11.25-25 9.19-20.43	8 10 13	DN65	75±3	Direct drive	PM VSD	2700*1700*1800	3380 3380 3380
NXT-185V	185	250	14.35-31.9 12.82-28.5 10.58-23.53	8 10 13	DN100	75±3	Direct drive	PM VSD	3110*1940*2060	3580 3580 3580
NXT-220V	220	294	16.53-36.74 14.92-33.17 13.38-29.75	8 10 13	DN100	77±3	Direct drive	PM VSD	3970*2190*2270	4500 4500 4500
NXT-250V	250	335	19.8-44 16.47-36.6 14.47-32.16	8 10 13	DN100	78±3	Direct drive	PM VSD	4182*2240*2340	4600 4600 4600

WHY PM VSD?

- More precise pressure control across variable demand.
- Reduced start-up impact on the electrical supply.
- Output can track actual consumption instead of producing excess air.
- Potential savings are greatest where air demand regularly rises and falls.

Model sizing must match both the minimum and maximum expected flow range.

Dry Oil-Free Screw Air Compressors

CLEAN AIR. ENGINEERED FOR CRITICAL PROCESSES.

Dry two-stage compression keeps the air path separate from lubricating oil for contamination-sensitive applications.



CORE DESIGN

- Oil-free compression path.
- Smart electronic control.
- Independent air intake.
- Engineered noise reduction.
- Efficient cooling design.

Built for reliable operation where air quality matters.

Dry Oil-Free Variable Speed Screw Air Compressor

Model	Working pressure		Capacity		Power		Noise	Air outlet pipe diameter	Net weight		Dimensions(mm)					
	bar	psig	m³/min	cfm	kW	hp	dB		Air-cooled	Water-cooled	Air-cooled L*W*H			Water-cooled L*W*H		
NXTOF-45VD	7	102	4.5-7.8	159-275	45	60	69±3	DN50	1800	1850	2200	1400	2000	2200	1500	1720
	8	116	4.0-6.8	141-240	45	60	69±3	DN50	1800	1850	2200	1400	2000	2200	1500	1720
	10	145	3.7-6.4	132-226	45	60	69±3	DN50	1800	1850	2200	1400	2000	2200	1500	1720
NXTOF-55VD	7	102	5.7-9.8	202-346	55	75	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
	8	116	5.2-9.0	182-318	55	75	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
	10	145	4.4-7.8	157-275	55	75	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
NXTOF-75VD	7	102	7.6-13.0	268-459	75	100	70±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
	8	116	7.2-12.2	253-431	75	100	70±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
	10	145	6.6-11.2	234-396	75	100	70±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
NXTOF-90VD	7	102	9.6-16.0	332-565	90	120	71±3	DN50	2100	2150	2200	1400	2000	2200	1500	1720
	8	116	8.1-13.8	286-487	90	120	71±3	DN50	2100	2150	2200	1400	2000	2200	1500	1720
	10	145	7.6-13.1	269-463	90	120	71±3	DN50	2100	2150	2200	1400	2000	2200	1500	1720
NXTOF-110VD	7	102	12.1-20.6	429-727	110	150	71±3	DN65	3100	3150	3000	1990	2180	2800	1900	1990
	8	116	11.6-19.5	408-689	110	150	71±3	DN65	3100	3150	3000	1990	2180	2800	1900	1990
	10	145	11.1-18.8	391-664	110	150	71±3	DN65	3100	3150	3000	1990	2180	2800	1900	1990
NXTOF-132VD	7	102	14.7-24.8	518-876	132	175	73±3	DN65	3200	3250	3000	1990	2180	2800	1900	1990
	8	116	13.6-23.0	480-812	132	175	73±3	DN65	3200	3250	3000	1990	2180	2800	1900	1990
	10	145	11.5-19.5	406-689	132	175	73±3	DN65	3200	3250	3000	1990	2180	2800	1900	1990
NXTOF-160VD	7	102	16.9-28.5	596-1006	160	215	73±3	DN65	3300	3400	3000	1990	2180	2800	1900	1990
	8	116	15.6-26.3	550-929	160	215	73±3	DN65	3300	3400	3000	1990	2180	2800	1900	1990
	10	145	14.1-23.8	497-840	160	215	73±3	DN65	3300	3400	3000	1990	2180	2800	1900	1990
NXTOF-185VD	7	102	19.5-32.8	687-1158	185	250	74±3	DN65	3400	4500	3000	1990	2180	2800	1900	1990
	8	116	17.1-28.9	605-1021	185	250	74±3	DN65	3400	4500	3000	1990	2180	2800	1900	1990
	10	145	16.3-27.5	575-971	185	250	74±3	DN65	3400	4500	3000	1990	2180	2800	1900	1990
NXTOF-200VD	7	102	20.0-33.6	706.3-1186.6	200	270	74±3	DN100	5570	5000	4500	2000	2150	3100	2200	2103
	8	116	20.0-33.6	706.3-1186.6	200	270	74±3	DN100	5570	5000	4500	2000	2150	3100	2200	2103
	10	145	17.3-29.2	610.9-1031.2	200	270	74±3	DN100	5570	5000	4500	2000	2150	3100	2200	2103
NXTOF-250VD	7	102	27.3-46.0	964-1624	250	335	74±3	DN100	5800	5200	4500	2000	2150	3100	2200	2103
	8	116	25.3-42.0	893-1511	250	335	74±3	DN100	5800	5200	4500	2000	2150	3100	2200	2103
	10	145	22.7-38.2	803-1348	250	335	74±3	DN100	5800	5200	4500	2000	2150	3100	2200	2103

Dry Oil-Free Fixed Speed Screw Air Compressor

Model	Working pressure		Capacity		Power		Noise	Air outlet pipe diameter	Net weight		Dimensions(mm)					
	bar	psig	m³/min	cfm	kW	hp	dB		Air-cooled	Water-cooled	Air-cooled L*W*H			Water-cooled L*W*H		
NXTOF-45FD	7	102	7.8	275.5	45	60	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
	8	116	6.8	240.1	45	60	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
	10	145	6.4	226.2	45	60	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
NXTOF-55FD	7	102	9.8	346.1	55	75	69±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
	8	116	9.0	317.8	55	75	69±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
	10	145	7.8	275.5	55	75	69±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
NXTOF-75FD	7	102	13.0	459.1	75	100	70±3	DN50	2150	2200	2200	1400	2000	2200	1500	1720
	8	116	12.2	430.8	75	100	70±3	DN50	2150	2200	2200	1400	2000	2200	1500	1720
	10	145	11.2	395.5	75	100	70±3	DN50	2150	2200	2200	1400	2000	2200	1500	1720
NXTOF-90FD	7	102	16.0	565.0	90	120	71±3	DN50	2250	2300	2200	1400	2000	2200	1500	1720
	8	116	13.8	487.3	90	120	71±3	DN50	2250	2300	2200	1400	2000	2200	1500	1720
	10	145	13.1	462.6	90	120	71±3	DN50	2250	2300	2200	1400	2000	2200	1500	1720
NXTOF-110FD	7	102	20.6	727.5	110	150	71±3	DN65	3360	3400	3000	1990	2180	2800	1900	1990
	8	116	19.5	688.6	110	150	71±3	DN65	3360	3400	3000	1990	2180	2800	1900	1990
	10	145	18.8	663.9	110	150	71±3	DN65	3400	3400	3000	1990	2180	2800	1900	1990
NXTOF-132FD	7	102	24.8	875.8	132	175	73±3	DN65	3500	3550	3000	1990	2180	2800	1900	1990
	8	116	23.0	812.2	132	175	73±3	DN65	3500	3550	3000	1990	2180	2800	1900	1990
	10	145	19.5	688.6	132	175	73±3	DN65	3500	3550	3000	1990	2180	2800	1900	1990
NXTOF-160FD	7	102	28.5	1006.5	160	215	73±3	DN65	3750	3850	3000	1990	2180	2800	1900	1990
	8	116	26.3	928.8	160	215	73±3	DN65	3750	3850	3000	1990	2180	2800	1900	1990
	10	145	23.8	840.5	160	215	73±3	DN65	3750	3850	3000	1990	2180	2800	1900	1990
NXTOF-185FD	7	102	32.8	1158.3	185	250	74±3	DN65	3860	3960	3000	1990	2180	2800	1900	1990
	8	116	28.9	1020.6	185	250	74±3	DN65	3860	3960	3000	1990	2180	2800	1900	1990
	10	145	27.5	971.2	185	250	74±3	DN65	3860	3960	3000	1990	2180	2800	1900	1990
NXTOF-200FD	7	102	36.8	1299.6	200	270	74±3	DN100	5730	5230	4500	2000	2150	3100	2200	2103
	8	116	34.6	1221.9	200	270	74±3	DN100	5730	5230	4500	2000	2150	3100	2200	2103
	10	145	30.6	1080.6	200	270	74±3	DN100	5730	5230	4500	2000	2150	3100	2200	2103
NXTOF-250FD	7	102	46.0	1624.5	250	335	74±3	DN100	7000	6000	5070	2200	2300	3100	2200	2103
	8	116	42.8	1511.5	250	335	74±3	DN100	7000	6000	5070	2200	2300	3100	2200	2103
	10	145	38.2	1347.7	250	335	74±3	DN100	7000	6000	5070	2200	2300	3100	2200	2103

TYPICAL USES

- Food and beverage.
- Pharmaceutical and medical.
- Electronics and precision production.

Confirm air quality, cooling method and installation conditions.

Oil-Free Scroll Air Compressors

PURE AIR. QUIETLY DELIVERED.

Oil-free scroll technology combines a clean compression chamber, low-speed operation and minimal moving parts.



SIMPLE, CLEAN & QUIET

- No oil is required inside the compression chamber.
- Low-speed scroll operation supports quieter performance.
- Minimal moving parts help simplify maintenance and improve reliability.
- Variable flow control can match displacement to the required air demand.

A strong option for indoor and point-of-use installations.

Oil-free Scroll Air Compressor Parameters

Model	Power KW	Voltage V	Noise Level (dB(A))	Pressure (Mpa)	Air displacement m³/min	Extenal dimensions L*W*H(mm)	Weight (kg)	Notes
NXTOF-2.2S	2.2	380	⩽55±3	0.8	0.3	550*650*700	115	Simple Model
NXTOF-3.7S	3.7	380	⩽55±3	0.8 1.0	0.4 0.35	550*650*700	115	Simple Model
NXTOF-3.7S-T	3.7	380	⩽55±3	0.8 1.0	0.4 0.35	1400*560*1450	200	External Integrated 200L
NXTOF-5.5S	5.5	380	⩽55±3	0.8 1.0	0.6 0.55	863*670*1000	230	Standard Model, 890 Panel
NXTOF-5.5S-T	5.5	380	⩽55±3	0.8 1.0	0.6 0.55	1450*660*1670	285	External Integrated 200L
NXTOF-7.5S	7.5	380	⩽55±3	0.8 1.0	0.8 0.7	1200*660*1170	300	3.7KW*2
NXTOF-11S	11	380	⩽55±3	0.8 1.0	1.2 1.1	1200*660*1170	350	5.5KW*2
NXTOF-15S	15	380	⩽60±3	0.8 1.0	1.2 1.1	1500*1190*1150	720	3.7KW*4
NXTOF-16.5S	16.5	380	⩽60±3	0.8 1.0	1.8 1.65	1240*710*1600	500	5.5KW*3
NXTOF-22S	22	380	⩽65±3	0.8 1.0	2.4 2.2	1500*1190*1150	820	5.5KW*4
NXTOF-27.5S	27.5	380	⩽70±3	0.8 1.0	3.0 2.8	1500*1200*1600	1000	5.5KW*5
NXTOF-33S	33	380	⩽70±3	0.8 1.0	3.6 3.3	1500*1200*1600	1200	5.5KW*6
NXTOF-38.5S	38.5	380	⩽75±3	0.8 1.0	4.2 3.85	2350*1450*1750	1400	5.5KW*7
NXTOF-44S	44	380	⩽75±3	0.8 1.0	4.8 4.4	2350*1450*1750	1600	5.5KW*8
NXTOF-49.5S	49.5	380	⩽78±3	0.8 1.0	6.0 5.5	2350*1450*2600	1800	5.5KW*9
NXTOF-55S	55	380	⩽78±3	0.8 1.0	6.0 5.5			5.5KW*10

AIR QUALITY APPLICATIONS

- Laboratories and medical facilities.
- Food, beverage and pharmaceutical production.
- Electronics and precision processes.
- Pneumatic conveying and other oil-sensitive operations.

Select the model based on required pressure, airflow, redundancy and daily run hours.

4-in-1 Fixed & Variable Speed Screw Air Compressors

COMPRESSED AIR, DRIED AND READY TO USE.

A compact integrated package combining compression, storage, drying and filtration in one installation.

4-IN-1 Fixed Speed Screw Air Compressor Specification

Model		NXTI-7.5F	NXTI-11F	NXTI-15F	NXTI-22F
Motor	Power(kw)	7.5	11	15	22
	Horsepower(hp)	10	15	20	30
Air displacement/ Working pressure (M^3/Min./MPa)		1.1/0.8	1.75/0.8	2.44/0.8	3.6/0.8
		0.9/1.0	1.65/1.0	2.2/1.0	3.2/1.0
		0.63/1.3	1.1/1.3	1.87/1.3	2.6/1.3
		/	0.88/1.6	1.1/1.6	2.3/1.6
Air outlet diameter		G3/4	G3/4	G3/4	G1
Lubricating oil volume (L)		10	16	16	20
Noise level dB(A)		60±2	62±2	62±2	65±2
Driven method		Direct drive/Belt drive	Direct drive/Belt drive	Direct drive/Belt drive	Direct drive/Belt drive
Start method		Y-Δ	Y-Δ	Y-Δ	Y-Δ
External dimensions	Length (mm)	1560	1770	1770	2200
	Width (mm)	710	750	750	1030
	Height (mm)	1450	1610	1610	1820
Weight (kg)		370	550	550	900
Gas tank capacity (L)		285	325	325	800

4-IN-1 Variable Speed Screw Air Compressor Specification

Model		NXTI-7.5V	NXTI-11V	NXTI-15V	NXTI-22V
Motor	Power(kw)	7.5	11	15	22
	Horsepower(hp)	10	15	20	30
Air displacement/ Working pressure (M^3/Min./MPa)		0.49-1.1/0.8	0.78-1.75/0.8	1.1-2.44/0.8	1.62-3.6/0.8
		0.4-0.9/1.0	0.74-1.65/1.0	0.99-2.2/1.0	1.44-3.2/1.0
		0.28-0.63/1.3	0.49-1.1/1.3	0.84-1.87/1.3	1.17-2.6/1.3
		/	0.39-0.88/1.6	0.49-1.1/1.6	1.03-2.3/1.6
Air outlet diameter		G3/4	G3/4	G3/4	G1
Lubricating oil volume (L)		10	16	16	20
Noise level dB(A)		60±2	62±2	62±2	65±2
Driven method		Direct drive	Direct drive	Direct drive	Direct drive
Start method		PM VSD	PM VSD	PM VSD	PM VSD
External dimensions	Length (mm)	1560	1770	1770	2200
	Width (mm)	710	750	750	1030
	Height (mm)	1450	1610	1610	1820
Weight (kg)		370	550	550	900
Gas tank capacity (L)		285	325	325	800



READY-TO-RUN INTEGRATION

- Compressor, receiver tank, dryer and line filtration in one compact package.
- Fewer external connections can simplify installation and reduce potential leak points.
- Optimised internal piping helps minimise pressure loss and system complexity.
- Available in fixed-speed and PM VSD configurations to suit different demand profiles.

BEST FOR: workshops, compact plants, point-of-use systems and space-limited installations.

Mobile Diesel Screw Air Compressors

DIESEL POWER. COMPRESSED AIR ANYWHERE.

Portable compressed-air capacity for field applications and sites where grid power is unavailable or impractical.



KEY BENEFITS

- Self-contained diesel power.
- Mobile field deployment.
- Single- and two-stage options.

Single-stage compressors

Model	NXTDP-5/7	NXTDP-7.5/8	NXTDP-10/8	NXTDP-13/8	NXTDP-15/13	NXTDP-17/8	NXTDP-21/10
Flow rate m³/min	5	7.5	10	13	15	17	21
Operating pressure bar	7	8	8	8	13	8	10
Fuel tank capacity L	70	140	140	160	160	160	360
Sound level dB(A)	75±3	80±3	80±3	80±3	85±3	85±3	88±3
Maximum ambient temperature °C	50	50	50	50	50	50	50
Number of stage	1	1	1	1	1	1	1
Diesel engine manufacturer	Quanchai	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Diesel Engine Model	QC490GP	QSB3.9-C80	QSB3.9-C100	QSB3.9-C130	QSB3.9-C130	QSC5.9-C190	QSB5.9-C240
Engine rated power KW	37	60	74	97	142	142	178
Speed at full load rpm	2200	2200	2200	2300	2000	2000	2000
Speed at minimum load rPm	1500	1500	1500	1500	1500	1500	1500
Dimensions mm	3193*1446*1428	3900*1600*1930	3900*1600*1930	4230*1860*1870	4350*1960*1950	4350*1960*1950	4580*1950*2500
Number of tire	2	2	2	2	4	4	4
Operational weight Kg	960kg	1500kg	1600kg	1860kg	2020kg	2020kg	2840kg
Compressed air outlet	G1、G1		G1-1/2,2*G1-1/4			G1-1/2,3*G1-1/4	

Two-stage compressors

Model	NXTDP-18/17	NXTDP-33/10	NXTDP-25/17	NXTDP-24/22	NXTDP-29/25	NXTDP-35/30
Flow rate m³/min	18	33	25	24	29	35
Operating pressure bar	17	10	17	22	25	30
Fuel tank capacity L	420	420	480	480	600	800
Sound level dB(A)	88±3	88±3	88±3	88±3	88±3	88±3
Maximum ambient temperature °C	50	50	50	50	50	50
Number of stage	2	2	2	2	2	2/3
Diesel engine manufacturer	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Diesel Engine Model	QSB5.9-C240	QSL8.9-C325	QSB8.9-C325	QSB8.9-C325	QSZ13-C400	QSZ13-C550
Engine rated power	178	242	242	242	295	429
Speed at full load rpm	2100	2100	2100	2100	2100	1900
Speed at minimum load rPm	1500	1500	1500	1500	1500	1400
Dimensions mm	3800*1900*1900	4500*2100*2550		5600*2100*2550	5650*2100*3000	7000*2100*3000
Number of tire	4	4	4	4	4	4
Operational weight Kg	2910kg	5150kg	5610kg	5610kg	5080kg	6000kg
Compressed air outlet	G1-1/2,3*G1-1/4		2*G1-1/2,3*G1-1/4		G1 G2	

IDEAL FOR

- Remote worksites.
- Temporary installations.
- Emergency or backup air supply.

Single-Phase Variable Speed Screw Air Compressors

INDUSTRIAL AIR ON ACCESSIBLE POWER.

A compact variable-speed solution for smaller sites where single-phase electrical supply is preferred.

COMPACT & PRACTICAL

- Variable-speed output tracks changing air demand.
- Reduced start-up current compared with conventional starting methods.
- Compact footprint for smaller workshops and utility areas.
- Integrated receiver configurations simplify installation.



TYPICAL APPLICATIONS

- Small production facilities.
- Automotive and service workshops.
- Laboratories and light manufacturing.
- Sites with variable demand and limited electrical capacity.

Single-Phase Variable Speed Screw Air Compressor Specification

Model	Power KW	Horsepower HP	Voltage	Pressure BAR	Displacement L/min	Air Tank L	Dimensions(mm) L*W*H	Outlet Dimension
NXTS-3.7V	3.7	5	220/380	8	200-400	100	1020*540*1035	G1/2
				10	175-350			
				12.5	150-300			
NXTS-4.5V	4.5	6	220/380	8	250-500	100	1020*540*1035	G1/2
				10	210-420			
				12.5	180-360			
NXTS-5.5V	5.5	7	220/380	8	315-630	100	1020*540*1035	G1/2
				10	275-550			
				12.5	210-420			
NXTS-7.5V	7.5	10	220/380	8	490-980	130	1060*560*1270	G1/2
				10	450-900			
				12.5	400-800			

NEXTEK
INDUSTRIAL EQUIPMENT

Ready to shortlist the right compressor?

Send us your application details and our team will help recommend a suitable model and prepare a quotation.

Please provide

- Required airflow or connected equipment air consumption
- Working pressure and pressure at the point of use
- Application, operating hours and demand pattern
- Electrical supply: voltage, frequency and phase
- Oil-free or air-quality requirement
- Installation location, ambient temperature and available space

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Specifications, dimensions and model availability are subject to final supplier confirmation. Technical data in this catalogue is provided for preliminary selection and quotation purposes.