M/s. Apex Engineering
Atlas Copco Compressed Air, Quarry & Quality Air Spec Summary

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ATLAS COPCO INDIA PORTFOLIO · M/S. APEX ENGINEERING 3S ADVISORY

Compressed Air, Portable DrillAir & Quality Air Summary

Metric & US-Imperial capacity ranges across Atlas Copco stationary rotary screw (G 2–7, GA⁺, GA VSD⁺, GA VSDˢ), portable St III & X-Air⁺ units, DrillAir high-pressure rigs, FX/FD air treatment, and genuine Roto lubricants.



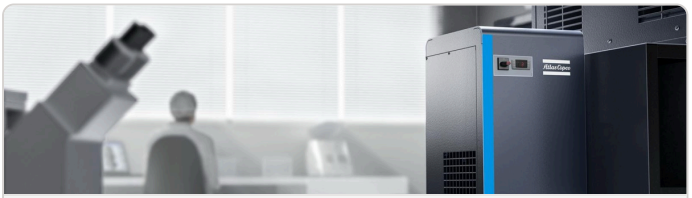
Stationary Rotary Screw (G 2–7, GA⁺, GA VSD⁺, GA VSDˢ)



Portable Utility & High-Pressure DrillAir (XAS, X-Air⁺, DrillAir)

1. Compressor & Quality Air Engineering Envelope

OFFICIAL SERIES	FLOW (FAD)	WORKING PRESSURE	DRIVE / COOLING	PRIMARY RAJASTHAN APPLICATIONS
G 2–7 & G Series Fixed-Speed Screw	16.9 – 2,452 m³/h (10 – 1,443 CFM)	7.5 – 14.0 bar(g) (109 – 203 psig)	2.2 – 250 kW 46°C Tropicalized	Workshops, CNC Shops, Tyre/Auto Service, Small Mills
GA⁺ / GA VSD⁺ / VSDˢ Variable Speed Screw	30 – 5,082 m³/h (18 – 2,991 CFM)	4.0 – 13.0 bar(g) (58 – 189 psig)	5.5 – 500 kW Up to 60% VSD Savings	Granite Wire-Saws, Textile Air-Jet Looms, 24/7 Packaging
XAS St III & X-Air⁺ PACE Portable Utility Diesel	119 – 1,410 m³/h (70 – 830 CFM)	7.0 – 20.0 bar(g) (Xc2004 PACE)	HardHat® / M-Size Single/Twin Axle	Quarry Blasting, Highway Breakers, Sandblasting, EPC
DrillAir XRS/XRH/XRV/XRX & X-Air⁺ 1200-25	1,700 – 2,124 m³/h (1,000 – 1,250 CFM) *TwinAir 2800+ Option*	19.0 – 29.3 bar(g) (275 – 425 psig)	Two-Stage Air-End 48–50°C Cooler Spec	Deep Sandstone & Marble DTH Drilling, Borewells (Jodhpur / Nagaur)
FX / FD VSD⁺ Dryers & DD⁺/PD⁺/UD⁺ Filters	7 – 5,000+ CFM +3°C Pressure Dew Pt	7.0 – 16.0 bar(g) 0.08 to 0.001 mg/m³	Zero-Loss Drains HTA & AIRnet Header	Laser Optics, Pharma, CNC Valving, Moisture-Free Shop Mains



FX / FD VSD⁺ Dryers & ISO 8573-1 DD⁺/PD⁺ Coalescing Filters



Genuine Roto Fluids (1630114600, 2901170000, 1630204105)

M/s. Apex Engineering
Atlas Copco Genuine Roto Fluids, Filtration & PM Kits

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2. Genuine Lubricants, Line Filtration & Overhaul Kits (apexsumit.com/spares-and-lubricants)

OEM PART NUMBER	PRODUCT NAME	SERVICE LIFE	EXACT MACHINE FITMENT & PROTECTION
PN 1630114600	Roto Inject Fluid NDURANCE (20L)	4,000 hrs / 1 yr	GA / GA⁺ / G Series fixed-speed screw compressors — prevents hot-ambient thermal oxidation.
PN 2901170000 / 2901170100	Roto Xtend Duty Fluid (5L / 20L PAO)	8,000 hrs / 2 yrs	GA VSD⁺ / GA VSDˢ inverter screw units — extended synthetic protection under variable RPM.
PN 1630204105	Roto Synthetic Fluid ULTRA (20L)	4,000 hrs Heavy Duty	X-Air⁺ & DrillAir 20–29.3 bar two-stage quarry air-ends under extreme desert load.
PN 2908850101	Roto Z Fluid (20L)	Up to 16,000 hrs	Oil-free Z-series compressor timing gears and precision bearing circuits.
DD⁺ / PD⁺ / UD⁺ / QD⁺	In-Line Filter Elements & 2901 PM Kits	4,000 hrs / Serial Matched	ISO 8573-1 oil aerosol protection (down to 0.001 mg/m³) & anti-static separator kits.