



Industrial Air Compressors

**Models:
DD50B
through
DD250B**

GrimmerSchmidt MonoScrew compressors are directly coupled through a flexible coupling to the drive motor and are available with low noise enclosures. The elimination of gears or drive belts conserve power. Large, slower running MonoScrew compressors feature no metal to metal contact for quieter operation and lower maintenance costs over twin screw compressors.

GrimmerSchmidt has applied over 40 years of experience to the design of its MonoScrew air compressor series. The result is an exceptionally quiet and reliable product.

GSC-1 Controller

GSC-1 controller displays faults, pressures, hours, date, maintenance intervals and provides total protection of the compressor.



Industrial DirectDrive Air Compressors



**GrimmerSchmidt
Compressors**

DirectDrive Oil Flooded Series

Model	HP	SCFM	PSIG	RPM	Air Discharg NPT	Height Inches	Width Inches	Length Inches	Weight Open	Weight Enclosed
DD50B	50	230	125	3,600	1 1/4	40	41	85	1480	1795
DD60B	60	275	125	3,600	1 1/4	40	41	85	1530	1830
DD60C		228	150	3,600	1 1/4	40	41	85	1530	1830
DD75B	75	344	125	3,600	2	48	48	84	2050	2460
DD75C		274	150	3,600	2	48	48	84	1990	2400
DD100B	100	472	125	3,600	2	48	48	84	2320	2730
DD100C		419	150	3,600	2	48	48	84	2280	2650
DD150A	150	790	100	1,800	2	54	56	100	3980	4380
DD150B		785	125	1,800	2	54	56	100	4125	4525
DD150C		554	150	3,600	2	54	56	100	4007	4407
DD200A	200	1010	100	3,600	3	68	60	132	5890	6415
DD200B		1000	125	3,600	3	68	60	132	5950	6475
DD250A	250	1200	100	3,600	3	68	60	132	5890	6615
DD250B		1190	125	3,600	3	68	60	132	5950	6675

Standard Features

Motor

- 5 year manufacturer's warranty
- High efficiency (EPACT)
- 460 volt, 3 phase, 60Hz
- NEMA frame, UL and CSA
- Open dripproof

Starter

- Magnetic full voltage IEC
- Mounted and wired for 460 volt
- NEMA 4 electrical enclosure

Drive

- Flexible direct drive, non lube type

Air and Oil Cooling

- Receiver/separator ASME
- Oil level indicator
- Oil cooler air cooled
- Aftercooler air cooled
- Cooling fan motor TEFC
- Condensate trap with auto drain
- Oil filter, spin on type
- Heat recovery connection

Protective Devices

- Automatic blowdown valve
- Pressure relief valve ASME
- Fan guard

GSC-1 Microprocessor Controller Displays

- Time and date
- Discharge pressure
- Oil temperature
- Power on
- Running hour
- Loaded hours
- Air filter replacement
- Oil filter replacement
- Air/oil separator element replacement
- Oil replacement
- Machine status
- High discharge pressure (fault)
- Motor overload (fault)

- Too many starts per hour (fault)
- Emergency stop (fault)
- High oil temperature (fault) (with pre warning indication)

Programmable (from the display pad)

- Load set pressure
- Unload set pressure
- Continuous or automatic start/stop
- Automatic or manual restart after power failure
- Input for remote alarm
- Input for remote stat I/stop
- RS485 port for PC connection or multi compressor sequencing
- Additional features

Optional Features

- Variable frequency motor drives
- Reduced voltage starters (WYE Delta)
- Acoustic enclosures
- Other languages available for the controller display
- Modulation capacity control
- Phase monitor
- Oil filter delta P switch
- Air filter high restriction switch
- Air/oil separator element delta P gauge
- Voltage and phase variations
- Water cooled
- Explosion proof Class I Division I and II
- Consult factory for special packaging

Distributed By



Division of Grimmer Industries, Inc.

**GrimmerSchmidt
Compressors**

1015 N. Hurricane Rd.,
Franklin, IN 46131

(800) 428-9703

(317) 736-8416

Fax (317) 736-3801

www.grimmerschmidt.com

sales@gscompressors.com