



NCA Compressors are operated at mining and exploration locations around the world. Extensive use of these products, under a wide range of operational working conditions, has demonstrated the reliability and high performance of NCA equipment.

**OTHER NCA PRODUCTS:**

- Two Stage Compressors
- Booster Compressors
- Man-Pack Portable Compressors
- Helicopter Portable Compressors
- PTO Compressors
- Drill Rigs



PROVIDING INNOVATIVE SOLUTIONS  
TO CUSTOMERS ON EVERY CONTINENT

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**H**IGH PRESSURES AT LOWER COST

✓ EASY TO MAINTAIN	✓ LIGHT WEIGHT
✓ HIGH PERFORMANCE	✓ ENERGY EFFICIENT
✓ CONSTANT RELIABILITY	✓ INCREASED PRODUCTIVITY
✓ COMPACT SIZE	✓ EASE OF OPERATION

# HIGH PRESSURE SINGLE-STAGE AIR COMPRESSORS



## NATIONAL COMPRESSED AIR



NCA Offers a broad selection of single-stage oil flooded screw compressors ranging from 100 SCFM to 2600 SCFM at pressures from 110 to 250 PSIG. NCA Single-Stage compressors are compact enough to be either skid or trailer mounted and are easily serviced in the field. NCA Compressor designs are the result of continuous development programs in co-operation with customers, operating under all types of conditions, throughout the world. A range of designs are available to ensure maximum reliability under extreme conditions.

### DESIGN FEATURES:

- Compact Size and Lightweight
- Powered By Diesel, Gas or Electric
- Skid or Trailer Mounted
- Modular Design (Optional) For Helicopter Lifting
- Pressure to 250 PSIG
- Energy Efficient Due To The Most Advanced Rotor Profile Technology
- Smooth Running, Balanced Compressor With No Free Inertia Forces
- Oversized Anti-Friction Bearings for Maximum Efficiency and Life
- Low Discharge Air Temperature Without Intercoolers and Aftercoolers
- Pressure Lubrication of all bearings and gears



Skid mounted diesel compressor



Trailer mounted with weatherproof enclosure



Helicopter portable

## NATIONAL COMPRESSED AIR

### NCA SINGLE-STAGE OIL FLOODED SCREW COMPRESSORS SPECIFICATIONS

COMPRESSOR MODEL	VOLUME SCFM	PRESSURE PSIG	ENGINE MAKE & MODEL	ENGINE HP @RPM	DIMENSIONS - L xWx H	WEIGHT LBS (KG)
NCA 6-9 GSD	200 (5.7)	130 (9.0)	ISUZU 4JB	78 @ 3000	67" x 33" x 46"	1,180 (536)
NCA 6-10 GSD	200 (5.7)	150 (10.3)	CUMMINS B3.3	85 @ 2600	67" x 33" x 46"	1,210 (550)
NCA 7-10 GSD	250 (7.1)	150 (10.3)	CUMMINS B3.3	85 @ 2600	67" x 33" x 46"	1,270 (577)
NCA 7-17 GSD	250 (7.1)	250 (17.2)	CUMMINS B3.9	130 @ 2500	72" x 33" x 48"	1,800 (816)
NCA 8-14 GSD	300 (8.4)	200 (13.8)	CUMMINS B3.9	116 @ 2500	72" x 33" x 48"	1,650 (748)
NCA 8-15 GSD	300 (8.4)	220 (15.2)	CUMMINS B5.9	152 @ 2500	80" x 40" x 54"	2,000 (907)
NCA 10-8 GSD	360 (10.2)	110 (7.6)	CUMMINS B3.9	116 @ 2500	72" x 33" x 48"	1,650 (748)
NCA 10-10 GSD	360 (10.2)	150 (10.3)	CUMMINS B3.9	116 @ 2500	72" x 33" x 48"	1,800 (816)
NCA 12-12 GSD	440 (12.5)	175 (12.1)	CUMMINS B5.9	152 @ 2500	90" x 60" x 64"	3,800 (1,724)
NCA 12-15 GSD	440 (12.5)	220 (15.2)	CUMMINS B5.9	174 @ 2500	90" x 60" x 64"	3,800 (1,724)
NCA 12-17 GSD	440 (12.5)	250 (17.2)	CUMMINS QSB5.9	230 @ 1800	121" x 60" x 71"	4,800 (2,177)
NCA 17-15 GSD	600 (17.0)	220 (15.2)	CUMMINS QSC8.3	260 @ 2200	121" x 60" x 71"	4,800 (2,177)
NCA 18-17 GSD	650 (18.4)	250 (17.2)	CUMMINS QSM11C	325 @ 2100	140" x 60" x 71"	6,500 (2,948)
NCA 21-12 GSD	725 (20.5)	175 (12.1)	CUMMINS QSC8.3	260 @ 2200	121" x 60" x 71"	4,800 (2,177)
NCA 21-15 GSD	740 (21.0)	220 (15.2)	CUMMINS QSM11C	350 @ 2100	140" x 60" x 71"	6,500 (2,948)
NCA 37-15 GSD	1,300 (36.9)	220 (15.2)	CATERPILLAR C-15	475 @ 2100	135" x 80" x 71"	7,500 (3,410)

Note: All models available with alternate engine or electric motor drive (model designation "GSE").  
Dimensions will vary where special coolers are required.  
All models available with skid, trailer or enclosure options.

### NCA SINGLE STAGE COMPRESSORS ARE EQUIPPED WITH:

- Two-Stage Dry Type Air Cleaner (Pre-cleaner Optional)
  - High Efficiency Cartridge Oil Filter
- Air Cooled Heat Exchangers With Thermostatic By-Pass
  - Full Range Modulation Air Intake Control
  - Full Range Engine Speed Modulation