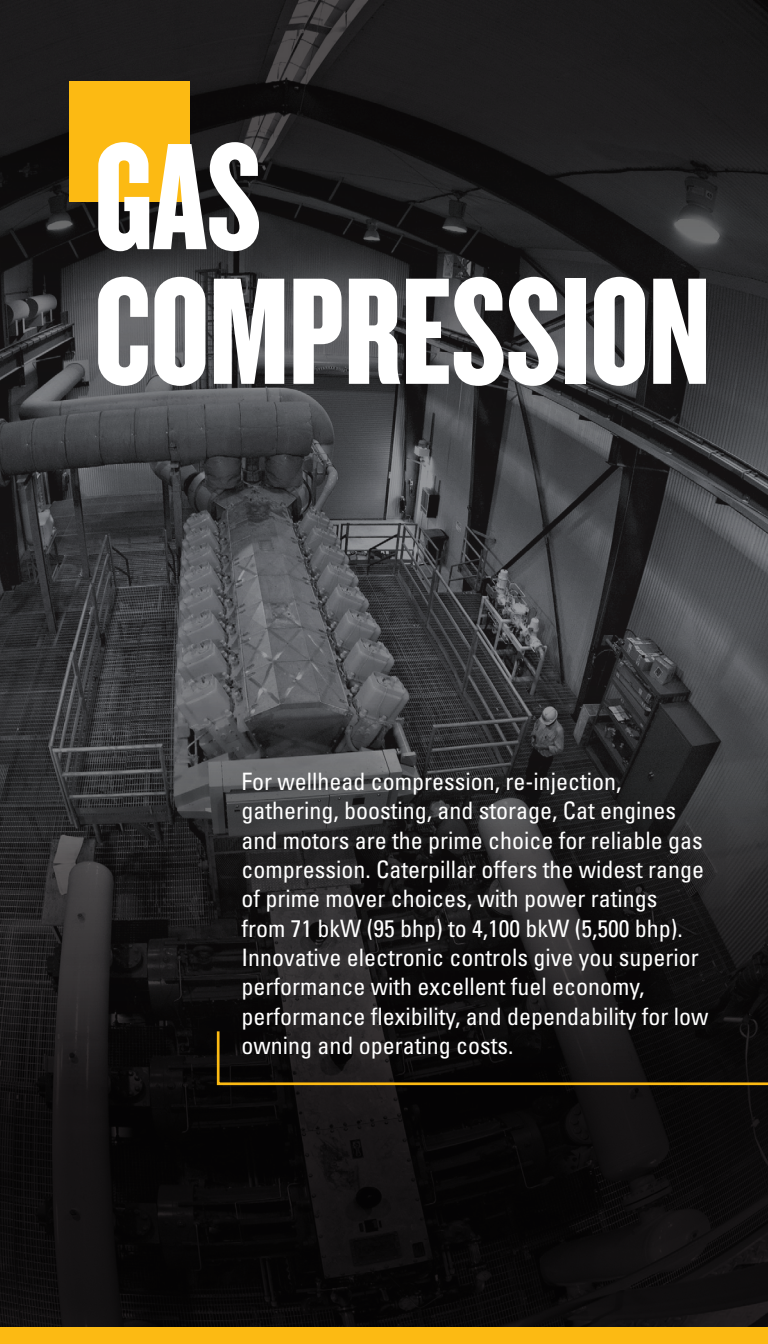




GAS COMPRESSION

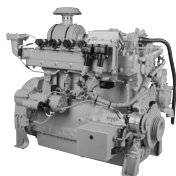
For wellhead compression, re-injection, gathering, boosting, and storage, Cat engines and motors are the prime choice for reliable gas compression. Caterpillar offers the widest range of prime mover choices, with power ratings from 71 bkW (95 bhp) to 4,100 bkW (5,500 bhp). Innovative electronic controls give you superior performance with excellent fuel economy, performance flexibility, and dependability for low owning and operating costs.

GAS COMPRESSION ENGINE RATINGS

Range	Engine	Page Number
95-211 bhp	G3300	84
215-637 bhp	G3400	85
400-600 bhp	CG137	86
524-1725 bhp	G3500	87-88
1900-5500 bhp	G3600	91-92

ELECTRIC DRIVE MOTORS RATINGS

bhp	Engine	Page Number
1500	CN1586	93-94
2000	CN2086	93-94
2500	CN2586	93-94
3000	CN3086	93-94
3500	CN3586	93-94
3621	CN2785	93-94
4000	CN4086	93-94
5000	CN5086	93-94
5500	CN5586	93-94



GAS RATINGS

Model	Rating Tier	bkW	bhp	rpm	Emissions	Notes
G3304B NA	Cont	71	95	1800	NSPS Site Compliant Capable	With Caterpillar or Customer-provided AFRC & Aftertreatment* 0.5 & 1.0 g/bhp-hr NOx
G3304B NA	Cont	71	95	1800	Export Only	2% O2 Emission Rating
G3306B NA	Cont	108	145	1800	NSPS Site Compliant Capable	With Caterpillar or Customer-provided AFRC & Aftertreatment* 0.5 & 1.0 g/bhp-hr NOx
G3306B NA	Cont	108	145	1800	Export Only	2% O2 Emission Rating
G3306B TA**	Cont	151	203	1800	NSPS Site Compliant Capable	With Caterpillar or Customer-provided AFRC & Aftertreatment* 0.5 & 1.0 g/bhp-hr NOx
G3306B TA**	Cont	151	203	1800	Export Only	2% O2 Emission Rating
G3306B TAA*	Cont	157	211	1800	NSPS Site Compliant Capable	With Caterpillar or Customer-provided AFRC & Aftertreatment* 0.5 & 1.0 g/bhp-hr NOx

*Dependent upon engine configuration selected.

**54°C/130°F Water to Aftercooler

Ratings listed are for 25°C (77°F) ambient temperature, 500' altitude, and pipeline quality gas.

SPECIFICATIONS

	L – mm (in)	W – mm (in)	H – mm (in)	Wt – kg (lbs)	Disp – L (in³)
G3304	1158 (46)	744 (29)	1170 (46)	757 (1670)	7 (425)
G3306	1539 (60)	978 (38)	1261 (50)	948 (2090)	10.5 (640)

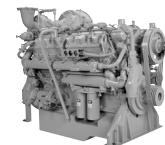
Bore x Stroke – mm (in) 121 x 152 (4.75 x 6.0)

Please see spec sheet for more information:

G3304B LEHW0017 G3306B TA LEHW8815

G3306B NA LEHW0111

For gas engine rating conditions please see page 10.



GAS RATINGS

Model	Rating Tier	bkW	bhp	rpm	Emissions	Notes
G3406 NA	Cont	160	215	1800	NSPS Site Compliant Capable	With Customer-supplied Compliant AFRC & Aftertreatment 0.5% O2 or 2% O2 Set Points
G3406 TA*	Cont	206	276	1800	NSPS Site Compliant Capable	With Customer-supplied Compliant AFRC & Aftertreatment 0.5% O2 or 2% O2 Set Points
G3406 TA*	Cont	242	325	1800	Export Only	2% O2 Emission Rating
G3408 NA	Cont	190	255	1800	NSPS Site Compliant Capable	With Customer-supplied Compliant AFRC & Aftertreatment 0.5% O2 or 2% O2 Set Points
G3408 TA*	Cont	298	400	1800	Export Only	2% O2 Emission Rating
G3408C LE**	Cont	317	425	1800	NSPS Site Compliant Capable**	With Customer-supplied Aftertreatment
G3412 TA*	Cont	448	600	1800	Export Only	2% O2 Emission Rating
G3412C LE**	Cont	475	637	1800	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment

*54°C/130°F Water to Aftercooler

**NSPS Site Compliant Capable with Customer-supplied SCR Aftertreatment

SPECIFICATIONS

	L – mm (in)	W – mm (in)	H – mm (in)	Wt – kg (lbs)	Disp – L (in³)
G3406 TA	1934 (76)	1270 (50)	1433 (56)	1362 (3000)	14.6 (893)
G3408 TA	1738 (68)	1312 (52)	1542 (61)	2041 (4500)	18 (1099)
G3408C LE	1756 (69.1)	1563 (61.5)	1758 (69.2)	2041 (4500)	18 (1099)
G3412 TA	2087 (82)	1224 (48)	1542 (61)	2320 (5115)	27 (1649)
G3412C LE	2442 (96)	1598 (63)	1960 (77)	2800 (6173)	27 (1649)

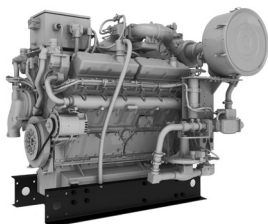
Bore x Stroke – mm (in) 137 x 152 (5.4 x 6.0)

Please see spec sheet for more information:

G3406 LEHW0029 G3408C LE LEHW0031 G3412C LE LEHW0033

G3408 LEHW0030 G3412 LEHW0032

For gas engine rating conditions please see page 10.



GAS RATINGS

Model	Rating Tier	bkW	bhp	rpm	Emissions	Notes
CGI37-8	Cont	298	400	1800	NSPS Site Compliant Capable	"With Caterpillar-supplied AFRC & Customer-provided Aftertreatment, 0.5% O ₂ Set Point"
CGI37-12	Cont	447	600	1800	NSPS Site Compliant Capable	"With Caterpillar-supplied or Customer-provided Aftertreatment, 0.5% O ₂ Set Point"

SPECIFICATIONS

	L – mm (in)	W – mm (in)	H – mm (in)	Wt – kg (lbs)	Disp – L (in ³)
CGI37-8	1627 (64.0)	1443 (56.8)	1758 (69.2)	2200 (4850)	18 (1099)
CGI37-12	2036.9 (80.19)	1515.1 (59.65)	1701 (66.97)	2835 (6250)	27 (1649)

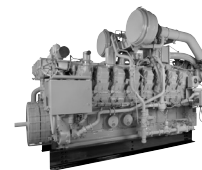
Bore x Stroke – mm (in) 137 x 152 (5.4 x 6)

Please see spec sheet for more information:

CGI37-8 LEHW0340
CGI37-12 LEHW20196

Ratings listed are for 25°C (77°F) ambient temperature, 500' altitude, and pipeline quality gas.

For gas engine rating conditions please see page 10.



GAS RATINGS

Model	Rating Tier	bkW	bhp	rpm	Emissions	Notes
G3508 TA*	Cont	391	524	1200	NSPS Site Compliant Capable	With Customer-supplied AFRC & Aftertreatment, 0.5% O ₂ Set Point
G3508 LE*	Cont	500	670	1400	NSPS Site Compliant Capable****	With Customer-supplied Aftertreatment, 2 g/bhp-hr NO _x
G3508J LE*	Cont	514	690	1400	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 0.5 g/bhp-hr NO _x
G3512 TA*	Cont	589	790	1200	NSPS Site Compliant Capable	With Customer-supplied AFRC & Aftertreatment, 0.5% O ₂ Set Point
G3512 LE*	Cont	642	860	1200	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 2 g/bhp-hr NO _x
G3512 LE*	Cont	749	1004	1400	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 2 g/bhp-hr NO _x
G3512J LE*	Cont	772	1035	1400	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 0.5 g/bhp-hr NO _x
G3516 NA	Cont	492	660	1200	Export Only	With Caterpillar supplied AFRC & Customer-supplied Aftertreatment, 0.5% O ₂ Set Point
G3516 TA*	Cont	1029	1380	1400	NSPS Site Compliant Capable	With Caterpillar supplied AFRC & Customer-supplied Aftertreatment, 0.4% O ₂ Set Point
G3516 LE*	Cont	858	1150	1200	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 2 g/bhp-hr NO _x
G3516 LE**	Cont	1000	1340	1400	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 2 g/bhp-hr NO _x
G3516J LE*	Cont	1029	1380	1400	NSPS Site Compliant Capable	With Customer-supplied Aftertreatment, 0.3 g**** and 0.5 g/bhp-hr NO _x

* 54C/130F Water to Aftercooler

** Available for standard and high H₂S applications

*** Coming soon

**** NSPS Site Compliant Capable with Customer-supplied SCR Aftertreatment

Ratings continued on page 82