

BAUMAlight

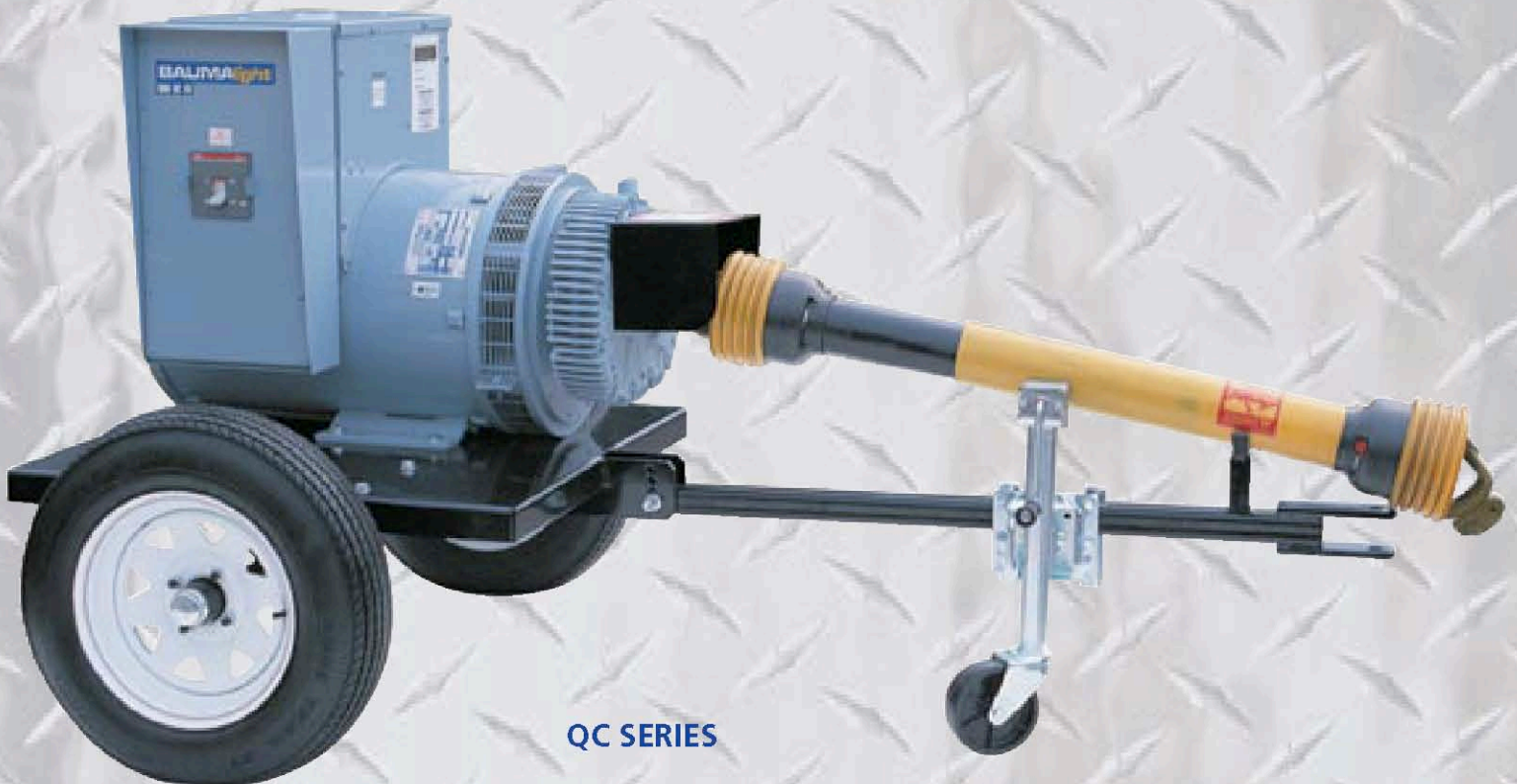
TRACTOR DRIVEN GENERATORS



DISPLAYMASTER 1



QC SERIES



QC SERIES

BALMAlight

TX & QC PTO Generator Features

- Convenient reset circuit breakers prevent short circuit damage.
- Brushless style eliminates the need for tedious repairs.
- Copper windings.
- Shielded power shaft provides maximum safety for operator.
- Mounting base for trailer or permanent installation.
- Drip proof design.
- Full load connector with lockable cover.
- Voltage meter (visible from tractor seat).
- 20 amp duplex receptacle, 50-amp welder receptacle.
- Limited Warranty (less of) 2 Year / 2000 hour.
- Made in Canada.

**TX SERIES****TX SERIES**

Individual TX Features

- High speed (3,600 rpm).
- 2 times surge (limited motor starting ability).
- Self-regulation (plus or minus 6%).
- Voltage meter.

**TX SERIES**
For TX7 & TX12**TX SERIES**
For TX18, TX25 & TX31

TX Power Principles

Model No.	Watts	Momentary Surge Watts	Required HP (50% load)	Required HP (100% load)	Volts	CB. Amps	Phase	Shipping Weight lbs.
TX7	7,000	14,000	5	11	120/240	30	1	300
TX12	12,000	24,000	10	21	120/240	50	1	348
TX28	18,900	37,000	15	34	120/240	80	1	430
TX25	25,000	50,000	19	42	120/240	100	1	490
TX31	31,000	62,000	22	50	120/240	125	1	520

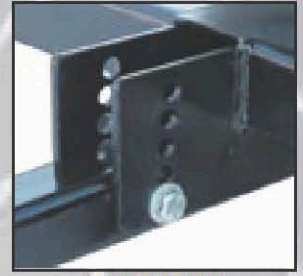
Width 42" Height 31" Length 73"



QC30



QC SERIES



QC SERIES

Individual QC Features

- Low speed (1,800 rpm).
- Over sized windings to enhance stability.
- Speed indicating lights highly visible from tractor seat.
- Display Master 1 (see back page).
- Automatic voltage regulation, (plus or minus 1% down to 56 Hz.).
- High momentary surge, approx. 3 times (most sizes) the rated continuous capacity for superior motor starting ability.
- Designed for 24 hour/7 days a week operation.

QC Power Principles

Model No.	Watts	Momentary Surge Watts	Required HP (50% load)	Required HP (100% load)	Volts	CB. Amps	Phase	Shipping Weight lbs.
QC12	12,000	25,000	9	21	120/240	50	1	592
QC19	19,000	35,000	16	34	120/240	90	1	678
QC30	30,000	85,000	20	49	120/240	125	1	777
QC45	45,000	120,000	31	75	120/240	175	1	953
QC55	55,000	150,000	42	89	120/240	225	1	1037
QC65	65,000	180,000	48	102	120/240	250	1	1084
QC80	80,000	225,000	55	122	120/240	320	1	1335
QC100	100,000	300,000	71	153	120/240	400	1	1485
QC120	120,000	360,000	88	184	120/240	540	1	1510
QC50-6	50,000	130,000	35	80	377/600	60	3	1010
QC75-6	75,000	200,000	52	110	377/600	90	3	1175
QC100-6	100,000	300,000	71	153	377/600	120	3	1474
QC120-2	120,000	375,000	88	186	Reconnectable	All reconnectable units can put out 120/240 1 ph., 120/240 3 ph., 120/208 3 ph., and 277/480 3 ph.		1536
QC105-2	105,000	315,000	72	155	Reconnectable			1474
QC85-2	85,000	230,000	58	125	Reconnectable			1343
QC68-2	68,000	190,000	50	105	Reconnectable			1094
QC45-2	45,000	120,000	31	75	Reconnectable			957
QC30-2	30,000	85,000	20	49	Reconnectable			779
						See www.mtbfmfg.ca		

Width 53" Height 48" Length 86"

* All generators will operate with less than recommended horse power, but will provide a reduced maximum output capacity.

DisplayMaster1

Specially designed for the QC series Generator.

- Microprocessor speed
- Solid-state reliability
- Digital accuracy
- Rugged design for noisy industrial environment
- Backlit display
- Scrolls at 30-second intervals
- Tested under sub-zero conditions
- Easy board exchange with plug-in connectors

Voltage: Voltage is displayed for each line and in single phase the third value is the average across both lines.

Hertz: Hertz (frequency) is shown in a value of 1 tenth of a Hertz.

Amperage: Amperage is displayed for each line.

Kw:* Kw is shown; this is the actual load being used.

Kva:* Kva is also shown, this is the actual parent power required and should not exceed the rated power of the machine.

Power Factor:* Power factor (out-of-phase lag) is calculated and displayed. A totally resistive load (heat) will have a power factor of one while a totally inductive load (motors) could be as low as .8; a higher power factor means better efficiency.

Runtime: Runtime is recorded and displayed; this is total hours the unit has run from new.

Kw Hours:* Kw hours are calculated and displayed; this is total current in Kw produced. One Kw for one hour is one Kw hour, and ten Kw for one hour is ten Kw hours; while one Kw for 10 hours is also ten Kw hours. Kw hours produced are recorded to memory and multiplied from day one.

Peak / Average Kva:* Peak and average Kva is monitored and displayed. This is a calculation based on the span between machine start-up and machine shutdown.

** Not available in delta connection.*

All specifications subject to change without notice.



ANDERSON CONNECTORS



Baumalight sold by

BAUMAlight

Manufactured by

MTB MFG INC

4575 Powell Road, Wallenstein, Ontario N0B 2S0

Phone: (519) 698-9864 Fax: (519) 698-1087

Email: sales@mtbmfg.ca • Web: www.mtbmfg.ca