



WASTEQUIP

GUARDIAN CONTROL



SYSTEM



Key operated start stop system control

The System Control operates the compactor. The key is locked in the "Off" position when removed, to prevent unauthorized use of the system. A simple turn of the key initiates the compaction process which extends the ram, retracts the ram and stops automatically. The red light in the stop button will be steady on for container full, and flash rapidly for an error condition when operating the system. An optional slow flashing light will indicate that the container is 3/4 full. This control will also allow the ram to be retracted or extended from any position. The Wastequip's control system has a "pack out" mode which boosts hydraulic pressure to completely fill the container. The compactor will shut down the automatic cycle when container is 100% full.

FEATURES	ADVANTAGES	BENEFITS
Only the Guardian Control System will work with all compactors from any manufacturer.	The only power unit you will need to keep in stock to run any of your compactors in the field, those under repair at your facility or to have as a back up in the event of a failure or emergency.	Saves you \$5,000 to \$6,000 in inventory dollars by having one power unit to run all of your equipment.
FREE "Pack Out - Over ride" feature.	Allows you to continue compacting after the 100% full light comes on. This free feature comes in handy when you have waste that just won't wait for the compactor to be emptied by your hauler. Great feature for haulers who are running behind on their route as they can instruct their customers to use this feature until they arrive.	It's free and other manufacturer's charge \$500 to \$1,000 for this option.
"False Full" readings are prevented by requiring two consecutive full signals before signaling the compactor is full.	This prevents unnecessary hauls of your compactor due to a piece of material that was jammed in the charge box such as a pallet.	Other manufacturers would charge over \$2,000 to add this option but it comes free with the Guardian Control System.
24 Volt Operator Controls.	A 24 Volt system is safer than 110 volt systems and uses less energy.	Safer to operate for you and your employees by reducing the danger of electrocution as compared to compactors that have 110 volt operator controls.
Guardian Control System is a "Self Diagnostic" system.	The Guardian Control panel will display prompts to check the stop button, check door ajar, and check jog switch if it identifies that any of these common occurrences are preventing normal operation. The Guardian also displays high pressure, low pressure, run time exceeded and the pressure that was detected at the time of error.	Saves you down time and service charges by reducing the time a service technician spends on trouble shooting your equipment. There is no need to waste your time testing the pressures or electrical systems if the cause for mis operation can be detected and displayed automatically.

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Features, Advantages & Benefits

Feature	Advantage	Benefits
The Guardian Control System is enclosed in a large 16" X 14" control panel.	You have room to service, modify, and expand your control system if needed as the layout is uncluttered and accessible.	A larger enclosure allows service technicians to use standard tools and work faster and more accurately than tight cramped enclosures that are smaller than 16" X 14". You will save service charges as the cost to maintain and repair is reduced by the ease of accessibility.
NEMA 4 rated control panel.	A NEMA 4 rated control panel is superior to NEMA 3R and NEMA 12 panels because it offers protection from "windblown dust", "splashing water" and "hose directed water" which is very common in compactor applications. NEMA 3R and NEMA 12 panels do not protect your equipment from windblown dust, splashing water or hose directed water and your equipment could be damaged by those occurrences.	You are smart to buy a NEMA 4 rated enclosure that is built to withstand windblown dust, splashing water, and hose directed water as it makes no sense to try and skimp and save on cheaper enclosures that will end up costing you more in downtime and repairs. Don't be fooled by NEMA ratings. They are not all the same and the differences can cost you a lot of money if you settle for less protection.
Flexible - "Plug n' Play" capability to add options.	Options can be added throughout the life of the compactor by simply plugging in a pre-programmed chip. This allows for addition of photo electric eyes, cart dumper, auto start, sonozaire, oil heater, etc. . .	Less expensive for customers to add features as their business needs change. Service technician time on site is minimal with out "Plug n' Play" feature.
Low Temperature Oil	We include low temperature oil in all of our compactors because compactors are subject to extreme temperature ranges and harsh climate zones. Equipment will last longer since the oil viscosity remains consistent as compared to standard hydraulic oil.	Other manufactures charge \$500 for Low Temperature oil
FREE - multicycle timer and full light	Every compactor's multi cycle feature could be set at two (2) cycles to fully empty the charge box and hopper or dog house. A full light eliminates unnecessary hauls as the compactor will be full before the light comes on.	Others charge \$215 and more to add a multi cycle timer. Some manufacturers still charge extra for this standard feature.
Safety "shut off" timer.	We provide two separate safety shut off timers on all of our Guardian Control Systems. A two minute shut off, in any one direction, in the event the ram is running continuously forward or backward for more than two minutes. A five minute shut off or "watch dog" timer to prevent against continuous operation, in excess of five minutes, to prevent damage to the motor and pump.	Extends compactor life by protecting the equipment from unnecessary wear and tear resulting from an unintended failure.
Self Pulling Gear Pump	Our gear pump is industrial grade and proven more reliable than a vane pump. It is easily removed by rotating the pump 1/2" and tightening bolts to have the pump back itself out.	Longer component life and easier to maintain or repair.

Optional Features	Advantages	Benefits
"Cell Phone Modem List Price: \$1,750 - \$2,100".	Wireless notification system using a cell phone network to send text messages to a remote location indicating 3/4 full, full, low pressure, high pressure, stop, optional high temperature and low oil.	Allows for remote monitoring and scheduling of hauls of equipment. This reduces hauls and downtime associated with full compactors or maintenance requirements.



WASTEQUIP

Nationally known for personal service

Phone: 877-468-9278

Fax: 651-437-2272

Email: sales@wastequip.com

www.wastequip.com

Wastequip serves North America from nationwide locations with quality containers, roll off hoists, self-dumping hoppers, compactors, balers, trailers and tarps for companies in environmental preservation and material handling.

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