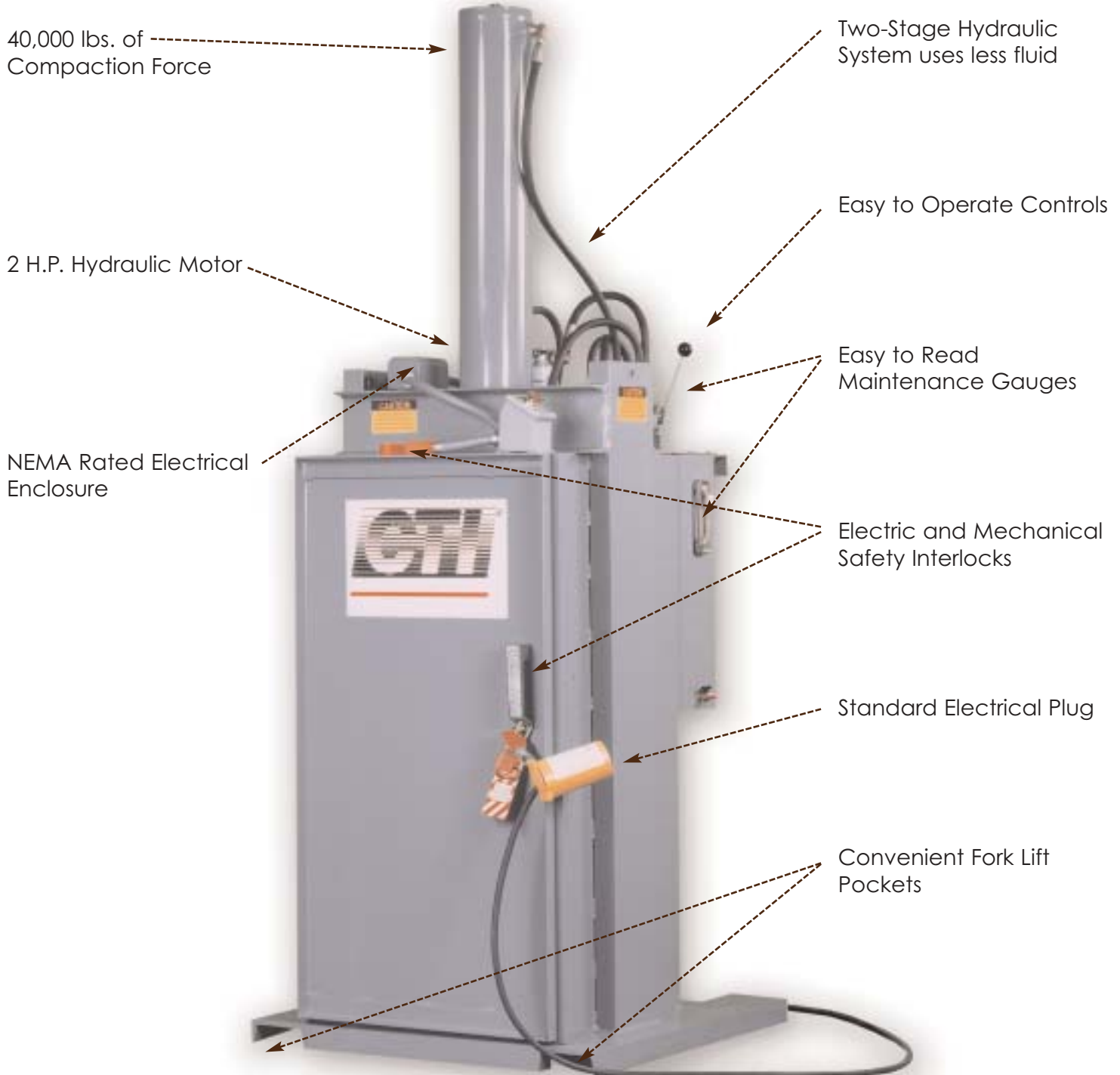


The CTI 40 Series Compactor/Crusher

An Economical Way To Reduce Your Disposal Costs

The CTI 40 Series is an economical, portable and durable in-drum compaction system for compacting dry, liquid, solid hazardous or low-level radioactive waste into 55-gallon drums. It can also crush drums.

The CTI 40DC Series includes a special hydraulic system and a crushing insert dedicated exclusively to crush drums to 4 inches.



SPECIFICATIONS:

Dimensions
34" W x 36" D x 96" H
(108" H for the CTI 8040DC)
Weight: Approx. 1800 lbs.

Recommended Clearances
Back: 12"
Sides: 36"

Maximum Drum Dimensions
Diameter 23.625"
Height: 36.00"

Quality engineered, heavy-duty construction throughout for many years of affordable service.

Standard Features

For CTI 40 Series (In-Drum and Drum Crusher) and CTI 40DC Series (Drum Crusher only)

Two-Stage Hydraulic System

The energy-efficient two-stage 5:1 hydraulic system requires less power and less oil than most (only 12 gallons), resulting in less heat and prolonging the life of the motor, pump seals and hoses.

Safety Interlocks

A chamber door safety interlock limit-switch prevents the machine from operating if the door is open or slightly ajar. A start/stop disconnect switch is readily available to the operator.

Easy Operator Controls

With the unit in its Start position, and with the door securely latched, the Control Lever is moved to the Platen Down position. The lever will stay in that position automatically until the Platen stops compacting. The Platen is manually returned by the same control lever.

Easy Maintenance Gauges

A convenient temperature/sight gauge and separate pressure gauge helps monitor the CTI 40 Series and CTI 40DC for continuing good performance.

Standard Electrical Requirements

Operates from a standard electrical outlet (120vac, single phase, 30 amp, 60 cycles) sized for a 2HP motor load. Uses UL listed components conforming to NEMA 1 tamper-proof requirements.

40,000 lbs. of Compaction Force

Achieved by a custom, 6" dia. bore hydraulic cylinder.

Convenient Forklift Pockets

Inverted, robust C-channel base design allows for easy pickup and placement.



Optional Features, Both Models

NEMA 7 Explosion Proof Components

Equipped with electrical components to meet the codes governing equipment used in hazardous atmospheres (Class I Division I Group D).

NEMA 1 or NEMA 7 Liquid Removal System

These unique options allow the safe and efficient removal of non-volatile or volatile liquids during compaction, for separate disposal or recycling. Operated manually. A powerful, chemical resistant pump can efficiently remove over 14 gallons of liquid waste per minute. Great for filters, rags soaked with solvent, containers with liquid residue, etc.

Stainless Steel Platen

The stainless steel Platen allows for easy cleanup and decontamination. Recommended for corrosive or radioactive applications.

Electrical

240vac, single phase, 60 cycles sized for a 2HP motor load.

The Drum Lift Cart

Drum lift cart easily allows removal of drums weighing up to 1000 lbs. It features:

- Heavy-duty tubular construction
- Specially designed feet to reach into compaction chamber and slide under drum
- Extended handle and four (4) wheel design provides extra leverage for removing heavy drums

Options For The CTI 40 Only

Drum Crushing Package

Includes custom hydraulics and a crushing insert that will crush drums to approximately 4 inches. Conversion from in-drum compacting to drum crushing is easy and safe, and takes only seconds.

Find us at

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