



Product Description

The H500 Electric Gantry Hoist is designed specifically for use with the 500GAL Decarbonator® to provide powered raising and lowering of the large lifting basket. Two individually controlled PA1000 electric hoist motors work in unison to lift the basket from both ends, reducing manual lifting and handling of heavy or bulky loads. The freestanding powder-coated steel gantry is mounted on four 6" casters, allowing it to be positioned over the Decarbonator, then moved forward after the basket is raised so the basket can be lowered for loading and unloading. The H500 is supplied partially disassembled for on-site assembly.

HOIST SPECIFICATIONS

Model	H500
Load Capacity	1500 lb (680 kg)
Operation	Electric, Dual Motor
Motor Type	2 x PA1000 Electric Hoist Motors
Motor Position	Suspended, Adjustable Position
Motor Control	Individual Pendant Control
Voltage	220 V, each motor
Plug/Receptacle	NEMA 6-20, each motor
Power Cord Length	10 ft (3 m), each motor
Pendant Control Cord	10 ft (3 m), each motor
Construction	Powder Coated Steel
Casters	4 x 6" Fixed Casters
Compatible tank	500GAL Decarbonator

GANTRY HOIST ASSEMBLED

Dimensions W x D x H	100" x 47" x 105" (2550 x 1200 x 2675 mm)
Gantry Net Weight	180 lb (82 kg)
Motor Net Weight	61 lb (28 kg) each
Total Net Weight	302 lb (137 kg)

SHIPPING

Shipping Weight	350 lb (159 kg)
Shipping Dimensions	92" x 48" x 18" (2330 x 1220 x 460 mm)
Shipping Cube	46 ft ³

STANDARD EQUIPMENT

- 2 x PA1000 Electric Hoist Motors
- 2 x Pendant Controls
- 4 x Motor Suspension Bracket Pairs
- Steel Lifting Cables
- Basket Lifting Hooks
- 4 x 6" Fixed Casters
- Gantry Assembly Hardware
- 4 x 3½" Gantry Riser Blocks

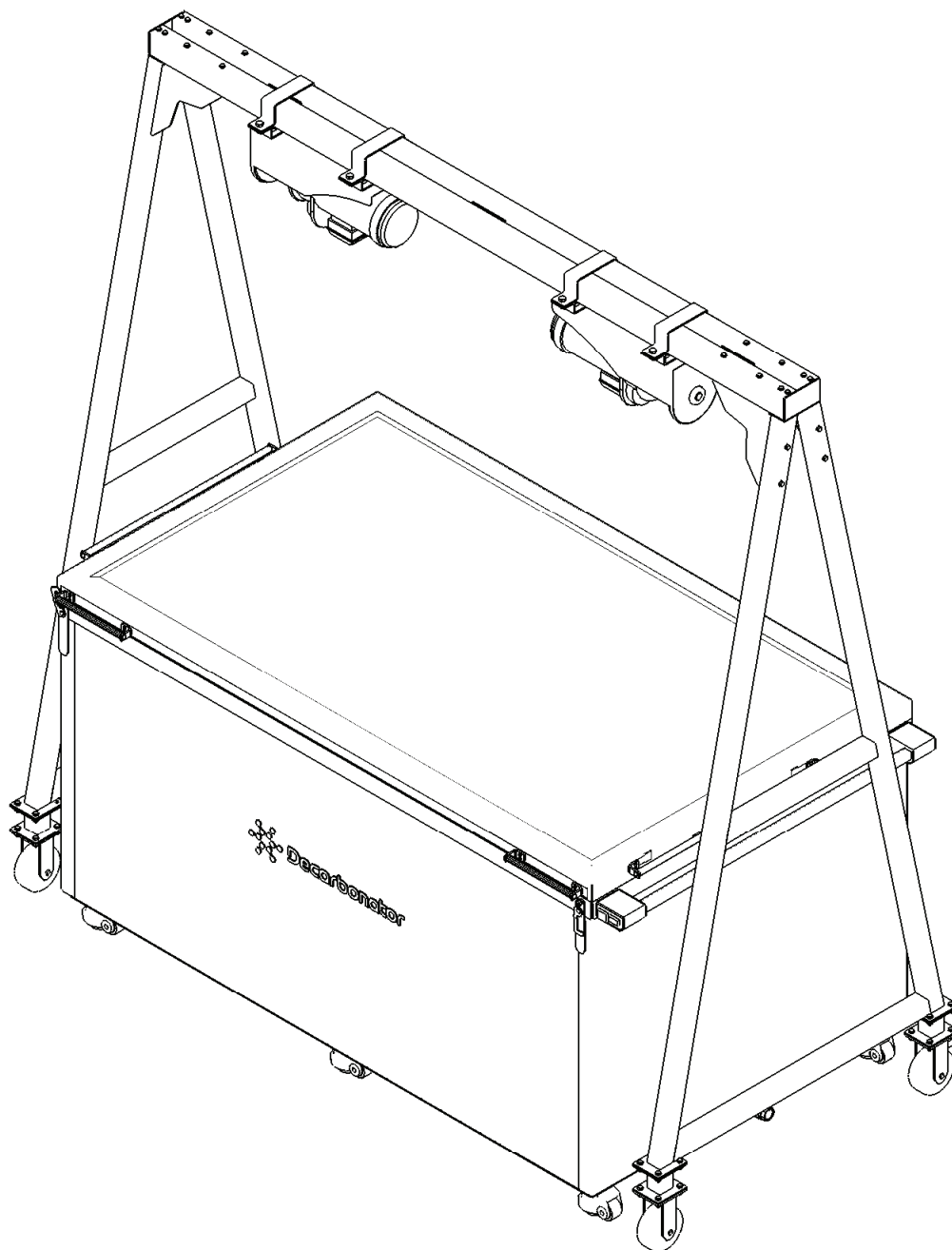
OPERATING REQUIREMENTS

- Lock all hoist casters before lifting.
- Center and balance load before lifting.
- Ensure lifting cables are vertical and not twisted.
- Operate the two motors individually as required to maintain the basket level during raising and lowering.
- DO NOT LIFT TWO INDIVIDUAL WIRE BASKETS AT THE SAME TIME.**
- Do not exceed rated load capacity.

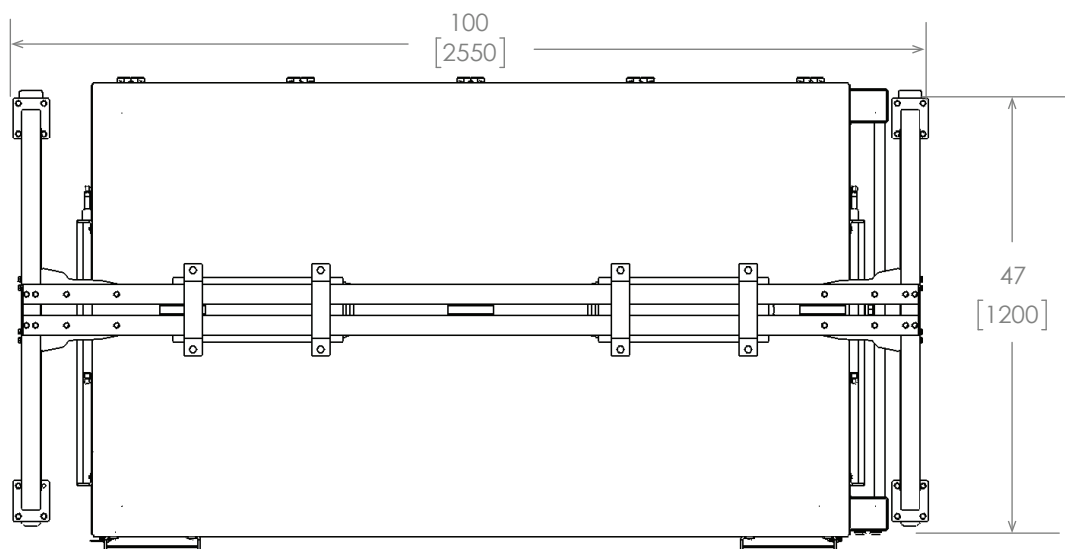
SHIPPING & ASSEMBLY

Ships partially disassembled for on-site assembly. When shipped with a 500GAL Decarbonator®, gantry components are typically secured to the top of the packaged tank. Includes motor suspension bracket pairs, casters and assembly hardware.

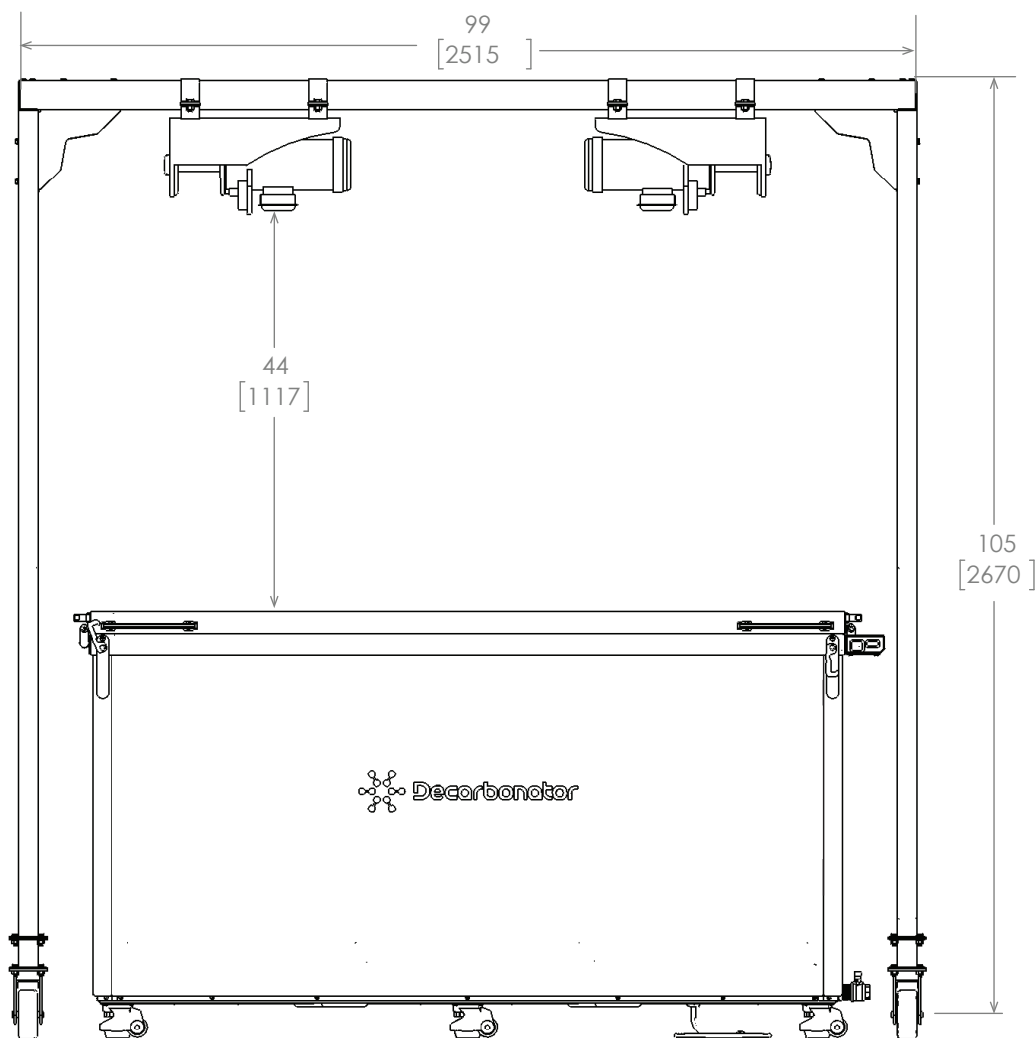




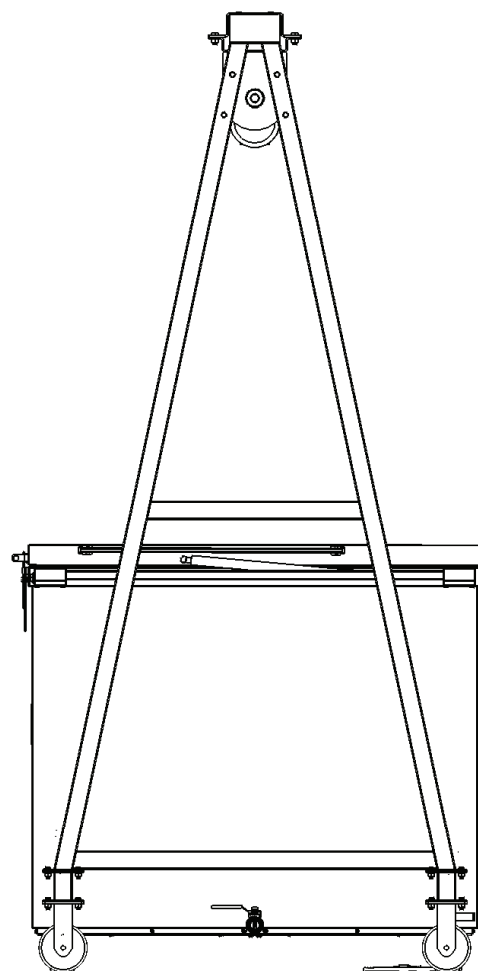
ISOMETRIC VIEW



PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION