

*Thomas Bros.*



proptec™

ORCHARD

TOWERS



## FEATURES:

- 4 through 8 atomizers
- Vertical boom folds to 9'6", extends to 15', or custom
- 400 or 500 gallon chemical tank
- Amazing chem tank agitation
- Low oil and overheat shutdown
- Walking beam- narrow and stable
- Ruggedly built with details you'll appreciate.

## Options:

Raven 450 System  
Custom booms  
Hydraulic head tilt, 1 or 2 pairs  
Stainless Steel Tank

*Thomas Bros.*

**Equipment Sales Inc.**

41764 Red Arrow Hwy.  
Paw Paw, MI 49079

**Toll Free: (866) 214-6135**

Fax: (269) 657-2110

[www.thomasbrosequipmentsales.com](http://www.thomasbrosequipmentsales.com)

*Specializing in "Out of the Ordinary" fruit  
and vegetable equipment*

## SPECIFICATIONS:

### **Dimensions:**

- 71" width with 9.5L x 15 tires     74" with 11L x 15 tires
- 17 ½ ft length 61" height to top of tank 400 gal.

### **Tank:**

- 400 gal. premium poly tank (standard)
- 400 gal. or 500 gal. stainless steel (optional)
- All tanks rubber mounted to frame, with high flow sparger agitation

### **Frame & Tower:**

- T-Bro Fab "built to last" construction in every detail
- 4 x 6 x ¼ tubular steel ladder type frame, all-MIG welded construction
- Paint: All red parts white metal blast, catalyzed finish epoxy primer with polyurethane topcoat. All other combination of powder coat and high quality multi coat enamels for easy cleanup and long life
- Max tower height: 15.5 feet- easily sprays trees 20' or more. Folds to 9'6" for easy travel and storage
- Narrow tower profile- as little as 30" wide, width adjustable to fit your orchard
- Hydraulic boom fold standard- requires 1 tractor remote valve
- 1 or 2 pair remote hydraulic atomizer angle adjustment (optional). Remotely adjust atomizer angle for optimal targeting- Requires one tractor remote valve per pair of atomizers.

### **Hookup:**

- Heavy duty clevis swivel hitch, height adjustable
- 2 -5/16" ball hitch – optional
- Safety chains, hose & wiring harness holder standard.
- CV PTO shaft, 540 RPM PTO input Walterscheid 2580 series
- Total tractor horsepower requirement (minimum): 4 heads- 50 HP; 6 heads- 65 HP; 8 heads, 75 HP

### **Axle & Tires:**

- Walking beam axle: 2" spindles on 3" solid bar center spindle- narrower & lower profile than single axle with flotation tires for low compaction, less fruit damage, smoother ride
- Heavy duty steel rims
- 9.5 L x 15 6- ply tires standard
- 11.5L x 15 6-ply tires optional

### **T-BRO HEAVY DUTY PTO-powered Hydraulic Power Pack:**

- 15 gal. Hydraulic oil reservoir with low oil and overheat safety shutoff, high capacity oil cooler
- Preset hydraulic supply runs up to 8 PT100 heads
- Electro-hydraulic on-off switch
- High capacity spin-on hydraulic filter
- Premium Parker hydraulic hoses, Modular plumbing design easily accommodates 4, 6, or 8 heads

### **Chem System & Control:**

- Hypro 9016C self-priming pump-shaft driven 118 max GPM, 85 Max PSI.  
No belt or tractor hydraulics necessary
- Raven electric valves for right and left side chem control give ultra-low power draw, easy service
- Heavy duty suction strainer and secondary strainer
- BANJO-flange connections allow easy removal of most parts with only a screwdriver
- Heavy duty agitator easily rolls a 400 or 500 gal. tank- no basket needed

### **Fans & Atomizers:**

- No Nozzles! Proptec PT100 hydraulically driven rotary atomizers standard, each fully adjustable fan produces 10,000 cfm air @ max pitch, non clogging design produces constant 100 micron droplet size

### **Miscellaneous:**

- Full road light kit standard with LED lights, stop, turn, and hazard
- All Stainless steel sheetwork with 2 easy open hinged doors with "stay shut" door latch handle
- 2 no- slip steps for easy tank fill

\*Note all specifications subject to change without notice

# Thomas Bros.

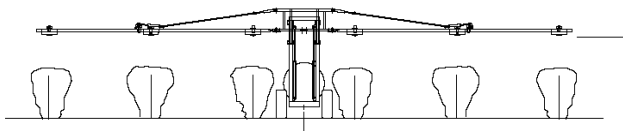


## HORIZONTAL BOOM



### FEATURES:

- 4, 6 or 8 atomizers
- Horizontal boom folds to 87", extends to 54 ft. or custom
- 400 or 500 gallon chemical tank
- Amazing chem tank agitation
- Heavy duty pto-powered hydraulic power pack
- Low oil and overheat shutdown
- Walking beam axle- narrow and stable
- Ruggedly built with details you'll appreciate.
- Optional: Raven 450 rate control



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## SPECIFICATIONS:

### **Dimensions:**

- 71" width with 9.5L x 15 tires    74" with 11L x 15 tires
- 18 ft length 61" height to top of tank 400 gal.

### **Tank:**

- 400 gal. premium poly tank (standard) 500 gal. optional
- All tanks rubber mounted to frame, with high flow sparger agitation

### **Frame & Boom:**

- T-Bro Fab "built to last" construction in every detail
- 4 x 6 x 3/8 tubular steel ladder type frame, all-MIG welded construction
- Paint: All red parts white metal blast, catalyzed finish epoxy primer with polyurethane top coat. All other combination of powder coat and high quality multi coat enamels for easy cleanup and long life
- 54 ft. horizontal boom with 36" hydraulic lift, 8 ft. total clearance std. (raised position)
- Electric over hydraulic independent folding boom arms with double breakaway-requires 1 tractor remote
- Independent electric over hydraulic tip folds
- Turnbuckle arm leveling (Optional hydraulic leveling)

### **Hookup:**

- Heavy duty clevis swivel hitch
- 2 -5/16" height adjustable ball hitch – optional
- Safety chains, hose & wiring harness holder standard.
- CV PTO shaft, 540 RPM PTO input Walterscheid 2580 series
- Total tractor horsepower requirement (minimum): 4 hds- 50 HP; 6 hds- 65 HP; 8 hds-75 HP, 10 hds-85 HP

### **Axle & Tires:**

- Walking beam axle: 2" spindles on 3" solid bar center spindle- narrower & lower profile than single axle with flotation tires for low compaction, less crop damage, smoother ride
- Heavy duty steel rims
- 11.5L x 15 6-ply tires

### **T-BRO FAB HEAVY DUTY PTO-powered Hydraulic Power Pack:**

- 15 gal. Hydraulic oil reservoir with low oil and overheat safety shutoff, high capacity oil cooler
- Pre-set hydraulic supply runs up to 10 PT100 heads
- Electro-hydraulic on-off switch
- High capacity spin-on hydraulic filter
- Premium Parker hydraulic hoses, Modular plumbing design easily accommodates 4, 6, 8 or 10 heads

### **Chem System & Control: .**

- Hypro 9016C self priming pump-shaft driven 118 max GPM, 85 Max PSI.  
No belt or tractor hydraulics necessary (shaft driven up to 8 hds) 10 hds requires hydraulic driven pump
- Raven electric valves for right and left side chem control give ultra low power draw, easy service
- Heavy duty suction strainer and BANJO secondary filter
- BANJO-flange connections allow easy removal of most parts with only a screwdriver
- Heavy duty agitator easily rolls a 400 or 500 gal. tank- no basket needed

### **Fans & Atomizers:**

- No Nozzles! Proptec PT100 hydraulically driven rotary atomizers standard, each fully adjustable fan produces 10,000 cfm air @ max pitch, non clogging design produces constant 100 micron droplet size

### **Miscellaneous:**

- Full road light kit standard with LED lights, stop, turn, and hazard
- All Stainless steel sheet work with 2 easy open hinged doors with "stay shut" door latch handle
- 2 non-slip steps for easy tank fill

### **Options:**

- Raven SCS 450

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# ***T-BRO-FAB***

***500 or 1000 Gallon Sprayer***



**With 36 ft.**

**Atomizer Sprayer 6 Head Boom**



**500 or 1000 gal. poly tank**

**Heavy duty frame**

**Heavy duty one side folding boom**

**With six Proptec heads**

**Walking beam suspension**

**Self Contained Power Pack**

**Stainless Shroud**

**\*\*See Specifications for Further Information**

**\*\*\*Options: Hypro chem injector or Raven 450 controller**

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## SPECIFICATIONS:

### **Dimensions:**

- 74" with 11L x 15 tires (optional 1000 gal tank uses 12.5Lx16 10 ply tires)
- 16 ft length 61" height to top of tank 400 gal.

### **Tank:**

- 500 gal. premium poly tank (standard) 1000 gal. optional
- All tanks rubber mounted to frame, with high flow sparger agitation

### **Frame & Boom:**

- T-Bro Fab "built to last" construction in every detail
- 4 x 6 x 3/8 tubular steel ladder type frame, all-MIG welded construction
- Paint: All red parts white metal blast, catalyzed finish epoxy primer with polyurethane topcoat. All other combination of powder coat and high quality multi coat enamels for easy cleanup and long life
- 36 ft. horizontal boom with 36" hydraulic lift, 8 ft. total clearance std. (raised position)
- Electric over hydraulic independent folding boom arm with double breakaway-requires 1 tractor remote
- Independent electric over hydraulic tip fold
- Hydraulic leveling standard
- **Hookup:**
- Heavy duty clevis swivel hitch, height adjustable on 400 and 500 gal
- 2 -5/16" height adjustable ball hitch on 1000 gal. units
- Safety chains, hose & wiring harness holder standard
- CV PTO shaft, 540 RPM PTO input Walterscheid 2580 series
- Total tractor horsepower requirement (minimum): 4 hds- 50 HP; 6 hds- 65 HP

### **Axle & Tires:**

- Walking beam axle: 2" spindles on 3" solid bar center spindle- narrower & lower profile than single axle with flotation tires for low compaction, less crop damage, smoother ride (Optional 1000 gal. 2 1/2" spindles on 3 1/2" center spindle)
- Heavy duty steel rims
- 11.5L x 15 6-ply tires (With Optional 1000 gal. tank 12.5L x 16 10 ply tires)

### **T-BRO FAB HEAVY-DUTY PTO-powered Hydraulic Power Pack:**

- 15 gal. Hydraulic oil reservoir with low oil and overheat safety shutoff, high capacity oil cooler
- Pre-set hydraulic supply runs up to 6 PT 100 heads
- Electro-hydraulic on-off switch
- High capacity spin-on hydraulic filter
- Premium Parker hydraulic hoses, Modular plumbing design easily accommodates 4, 5 or 6 heads

### **Chem System & Control:**

- Hypro 9016C self-priming pump-shaft driven 118 max GPM, 85 Max PSI.  
No belt or tractor hydraulics necessary (shaft driven up to 6 heads)
- Raven electric valves for right and left side chem control give ultra low power draw, easy service
- Heavy duty suction strainer and BANJO secondary filter
- BANJO-flange connections allow easy removal of most parts with only a screwdriver
- Heavy duty agitator easily rolls a 400 or 500 or 1000 gal. tank- no basket needed

### **Fans & Atomizers:**

- No Nozzles! Propotec PT100 hydraulically driven rotary atomizers standard, each fully adjustable fan produces 10,000 cfm air @ max pitch, non clogging design produces constant 100-micron droplet size

### **Miscellaneous:**

- Full road light kit standard with LED lights, stop, turn, and hazard
- All Stainless steel sheet work with 2 easy open hinged doors with "stay shut" door latch handle
- 2 non-slip steps for easy tank fill

### **Options:**

- Raven SCS 450

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