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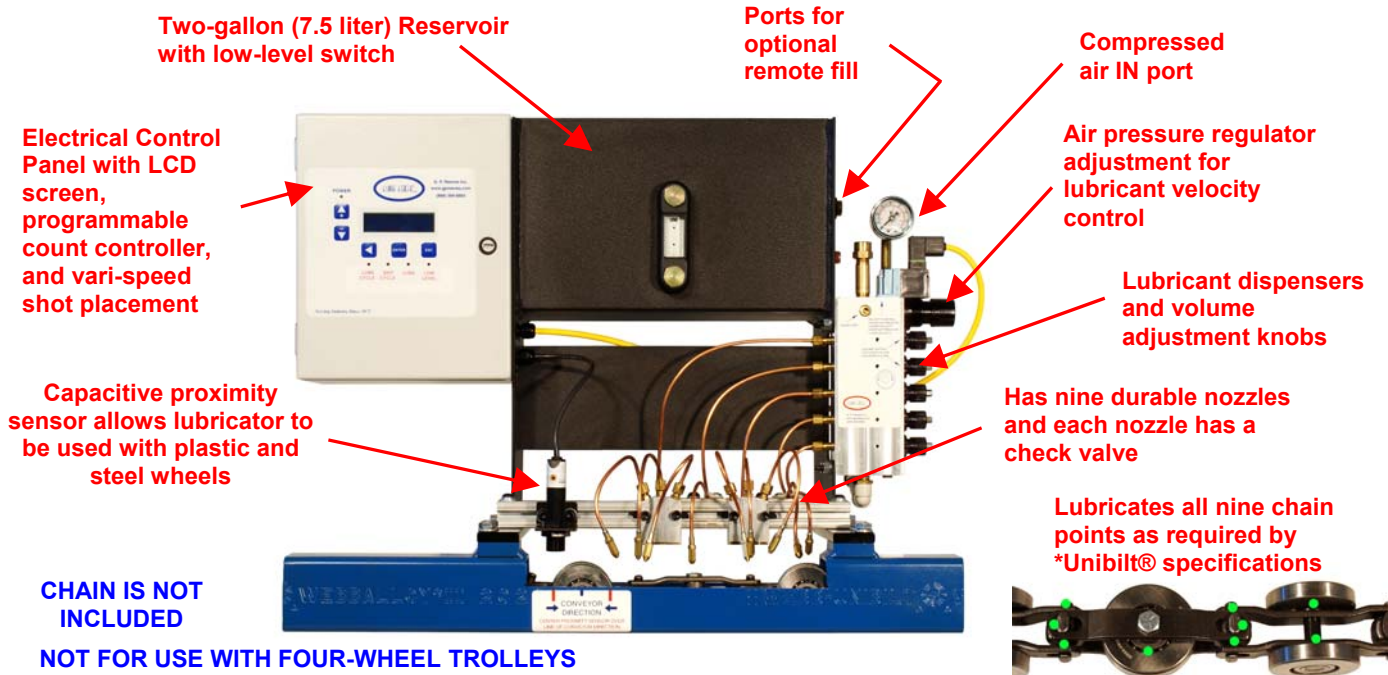
<http://gpreeves.com>

# SS6003 Conveyor Lubricator

for \*Unibilt® (8" pitch "square track" enclosed track) conveyors with nylon or steel wheels

**Self Contained, (requires only lubricant, compressed air, and electricity)**

- Reduces downtime and manual labor in lubricating conveyor
- Automatically squirts measured shots of lubricant into chain wheels and knuckles
- DOESN'T DRIP – has check valve at end of each nozzle
- Keeps conveyor from surging and product from swaying
- Uses ALL LUBRICANTS from "dry film" (ISO 2) through "synthetic oil" (ISO 100)
- Automatically adjusts shot placement to match conveyor speed



\* Unibilt® is a registered trademark owned by Jervis B. Webb Company

## Sample Program Screen



Shows POWER ON and unit in LUBE CYCLE with all but 20 segments of a 982 segment long chain already lubricated

## DESCRIPTION

Pneumatic shot nine-nozzle lubricator for \*Unibilt® chain conveyor uses two nozzles to lubricate loadwheels, one nozzle to lubricate guide wheels, and six nozzles to lubricate pins in universal joints. Each nozzle has a check valve to prevent dripping. Lubricator has a two-gallon steel reservoir, low level float switch, LOW LEVEL indicator light, capacitive proximity sensor, and microprocessor with programmable count controller. Lubricant volume for each load wheel nozzle and each guide wheel nozzle is separately adjustable between 0.015 cc minimum to 0.03 cc maximum per shot. Three nozzles, (one for the vertical pin and two for the horizontal pin), and divider blocks are used to lubricate both universal joints. Lubricant volume is adjustable to direct 0.006 to 0.011 cc of lubricant to each of the pins. The lubricator is designed for all lubricants with viscosities from ISO 2 to ISO 100 (dry-film to SAE 30) that are compatible with Viton seals. Lubricator requires a minimum of 60 p.s.i. compressed air and 120/240 v.a.c. 50/60 Hz for operation and will be mounted on a 24" long modified Unibilt track section painted blue. Lubricator will operate at conveyor speeds of up to 80 feet per minute and with chain travel in either direction. This lubricator can be used with steel and plastic wheels, but is not for use with four-wheel trolleys. Shipping weight (with track section) is 75 lb. (34 kg).

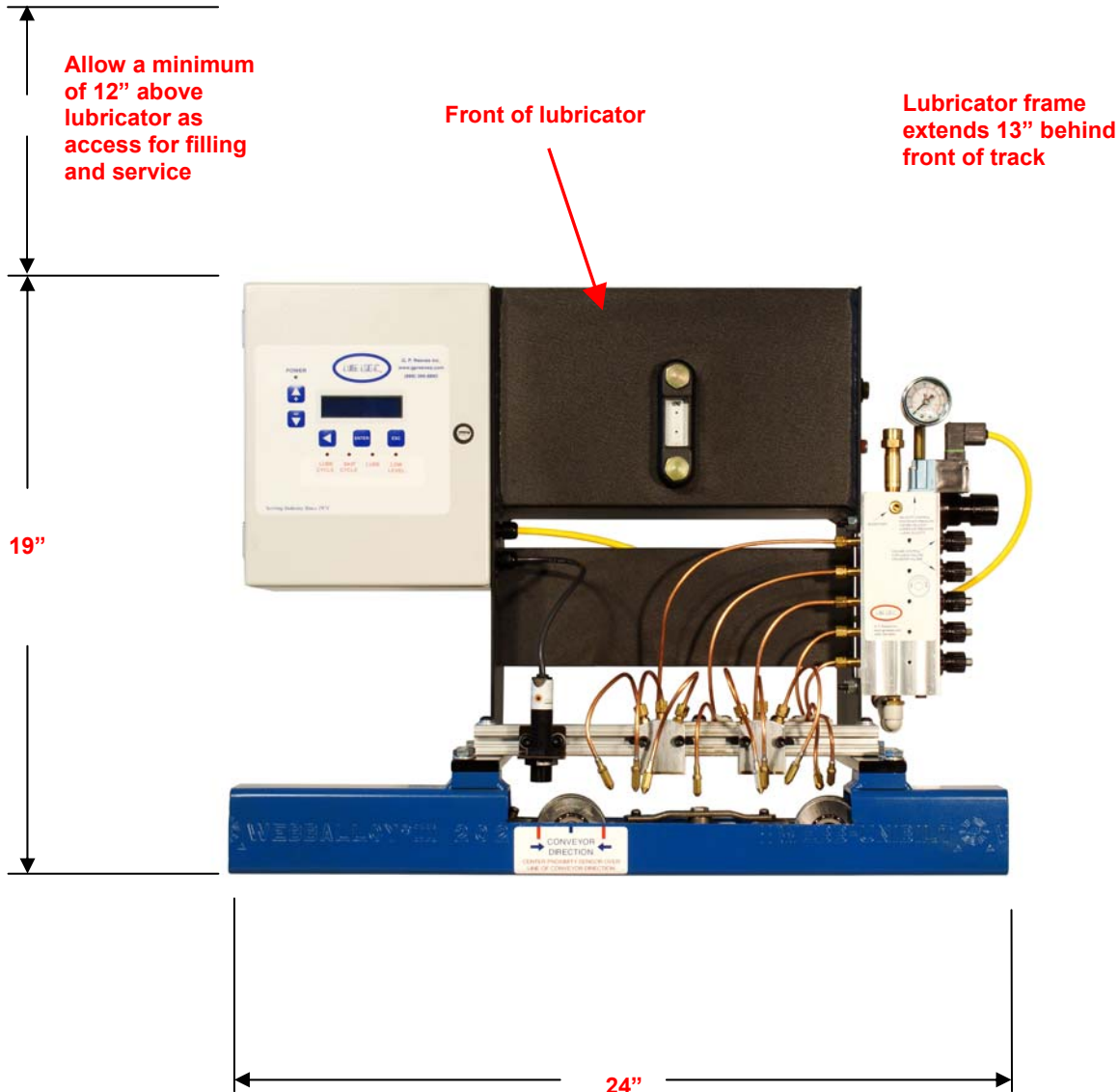
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## SS6003 LUBRICATOR DIMENSIONS



The location of the lubricator on a conveyor used for paint finishing is critical. Accessibility to the "front" of the lubricator (control panel, display screen, dispenser adjustment knobs, pressure adjustment knob, nozzles, and proximity sensors) is very important. This lubricator is capable of operating in either conveyor travel direction so it can be installed with its "front" accessible at any desired location on the conveyor. The unload-load area of the conveyor is an ideal location for lubricator installation because the conveyor is usually closer to working height and the chain may be cooler. If the lubricator is installed too close to the spray washer, some lubricants may not penetrate the wear points before the conveyor enters the washer where poorly functioning conveyor shrouds may allow the lubricant to be washed off. If possible, the lubricator should be installed where there are no parts hanging from the conveyor but this may not be necessary for conveyors with sanitary hooks because a pan can be installed directly under the lubricator.